ISRAEL
DIRECTORY
2018/19

HOMELAND
& CYBER DEFENSE

ISRAEL MINISTRY OF DEFENSE

SIBAT סיבת

INTERNATIONAL DEFENSE COOPERATION

ISRAEL HOMELAND & CYBER DEFENSE DIRECTORY 2018-19

SIBAT 2018-2019
HOMELAND & CYBER DEFENSE DIRECTORY INTRODUCTION

As nations face increasing security threats - domestic, cross-border, the cyber domains or natural disasters, governments are called to increase their investments and preparedness dealing with those homeland security (HLS) challenges.

Israel has faced these challenges for decades. Combatting terror, Israel's security and defense forces have succeeded to contain these threats, and secure safety and stability of the nation by maintaining highly professional, trained and equipped security forces.

As a technological powerhouse, Israel equips its defense forces with the most advanced and innovative systems and tools its HLS and and cyber security industries have to offer. These groundbreaking capabilities are developed with an intimate understanding of the needs of security forces and apply to the military, homeland, and cyber security domains.

As the world becomes increasingly digital and connected, cyber security becomes a dominant aspect of national security, demanding increasing investments at the national and regional as well as at the business sector, to develop threat intelligence, awareness and response, secure critical infrastructures, networks and information systems from physical and cyber threats. Cyber security and preparedness also train organizations for crisis response, to ensure the resilience and recovery of organizations, and maintain business continuity even under extensive cyberattacks.

Hundreds of Israeli defense companies, ranging in size and expertise, provide innovative solutions to meet Israel's evolving security challenges. Israel's proven homeland security systems include counter-terror equipment and training, perimeter security, coastal and border protection. Such solutions employ superior sensors, command, control and communications platforms. They are also augmented by cutting-edge intelligence gathering technologies, robotics, cybersecurity and training. Israel's operationally and combat proven systems excel in reliability and usability which best meets customer requirements. Combined with top quality, innovation, and operational experience, these solutions drive the continuous growth of Israel's defense industries' in the competitive global market.

As the directorate within Israel's Ministry of Defense (IMOD) responsible for defense exports and international cooperation, SIBAT facilitates global relationships by promoting agreements, industrial cooperation, and technology sharing. As the key interlocutor between Israel's defense establishment, foreign security agencies, military forces, and global industries, SIBAT locates and addresses a wide array of business opportunities, including local production, joint ventures and research and development.

This biennial directory offers a comprehensive review of the capabilities of Israel's defense industries. It presents the best technologies, know-how, and expertise that Israel has to offer. We hope you find it useful, informative, and convenient to use.

Brig. General (Ret) Mishel Ben Baruch

Director, SIBAT

This directory does not attempt to be an absolute list of all Israeli defense industries or their available products.
The companies listed have voluntarily elected to include a selection of their products.
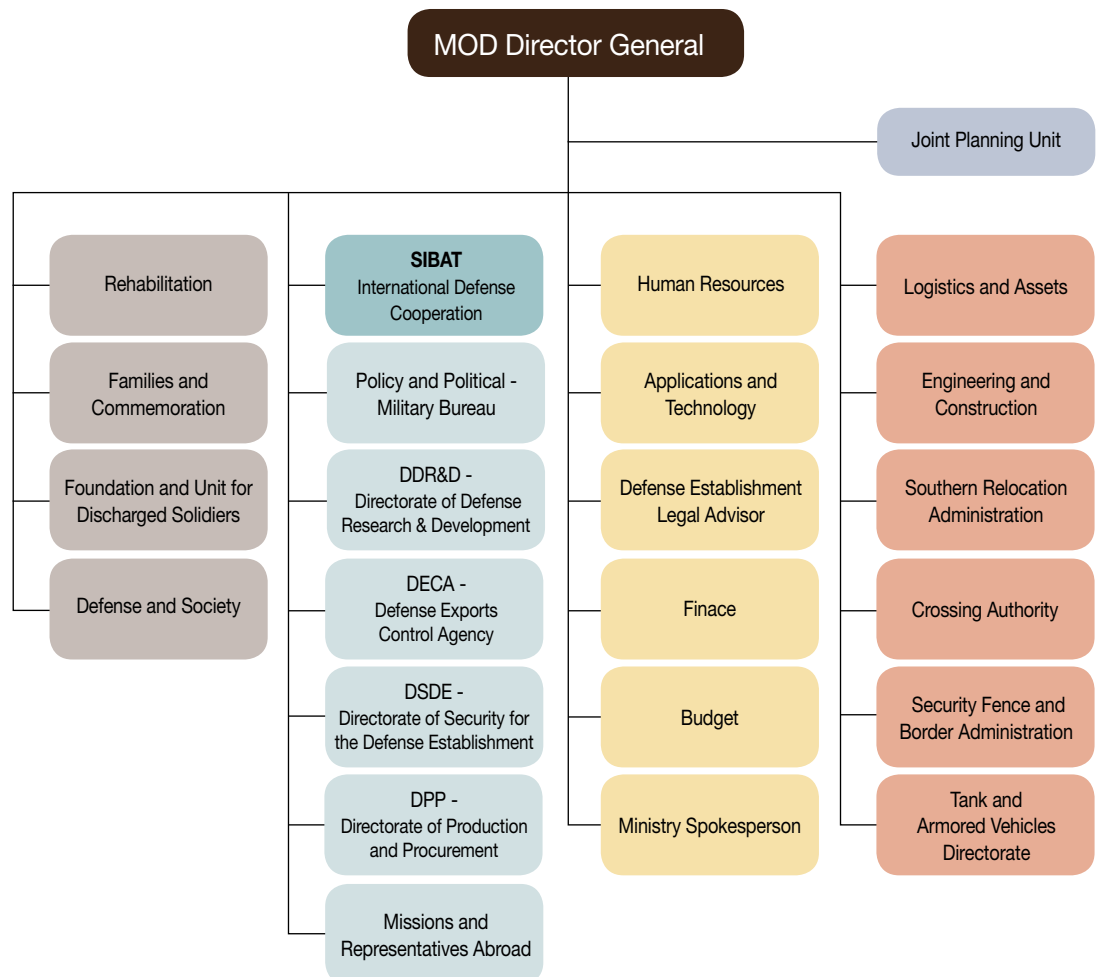
ISRAEL'S GLOBALLY RECOGNIZED DEFENSE INDUSTRY

Israel is recognized the world over for its pioneering, operationally-proven defense systems-delivering advanced capabilities to meet today's increasingly sophisticated threats.

Developed by the country's defense industries - and utilized by defense and security forces around the globe - these groundbreaking systems are backed by a combination of cutting edge technologies, a skilled and militarily experienced multi-disciplinary workforce, and a well-developed infrastructure. Together, they support its worldwide customer base.

Those industries - which play a leading role in the development of the country's industrial and technological capabilities - are open to cooperation, technology transfer, and the sharing of know-how through international initiatives.

As the directorate responsible for international defense cooperation within Israel's Ministry of Defense (IMOD), SIBAT is your link to the technological knowledge and expertise of Israel's defense industries.

Israel Ministry of Defense - Organization Chart

```
                         MOD Director General
                                                          Joint Planning Unit

Rehabilitation          SIBAT              Human Resources      Logistics and Assets
                        International Defense
                        Cooperation

Families and            Policy and Political -   Applications and    Engineering and
Commemoration           Military Bureau          Technology          Construction

Foundation and Unit for DDR&D -              Defense Establishment  Southern Relocation
Discharged Solidiers    Directorate of Defense   Legal Advisor       Administration
                        Research & Development

Defense and Society     DECA -              Finace               Crossing Authority
                        Defense Exports
                        Control Agency

                        DSDE -              Budget               Security Fence and
                        Directorate of Security for                Border Administration
                        the Defense Establishment

                        DPP -               Ministry Spokesperson Tank and
                        Directorate of Production                  Armored Vehicles
                        and Procurement                           Directorate

                        Missions and
                        Representatives Abroad
```
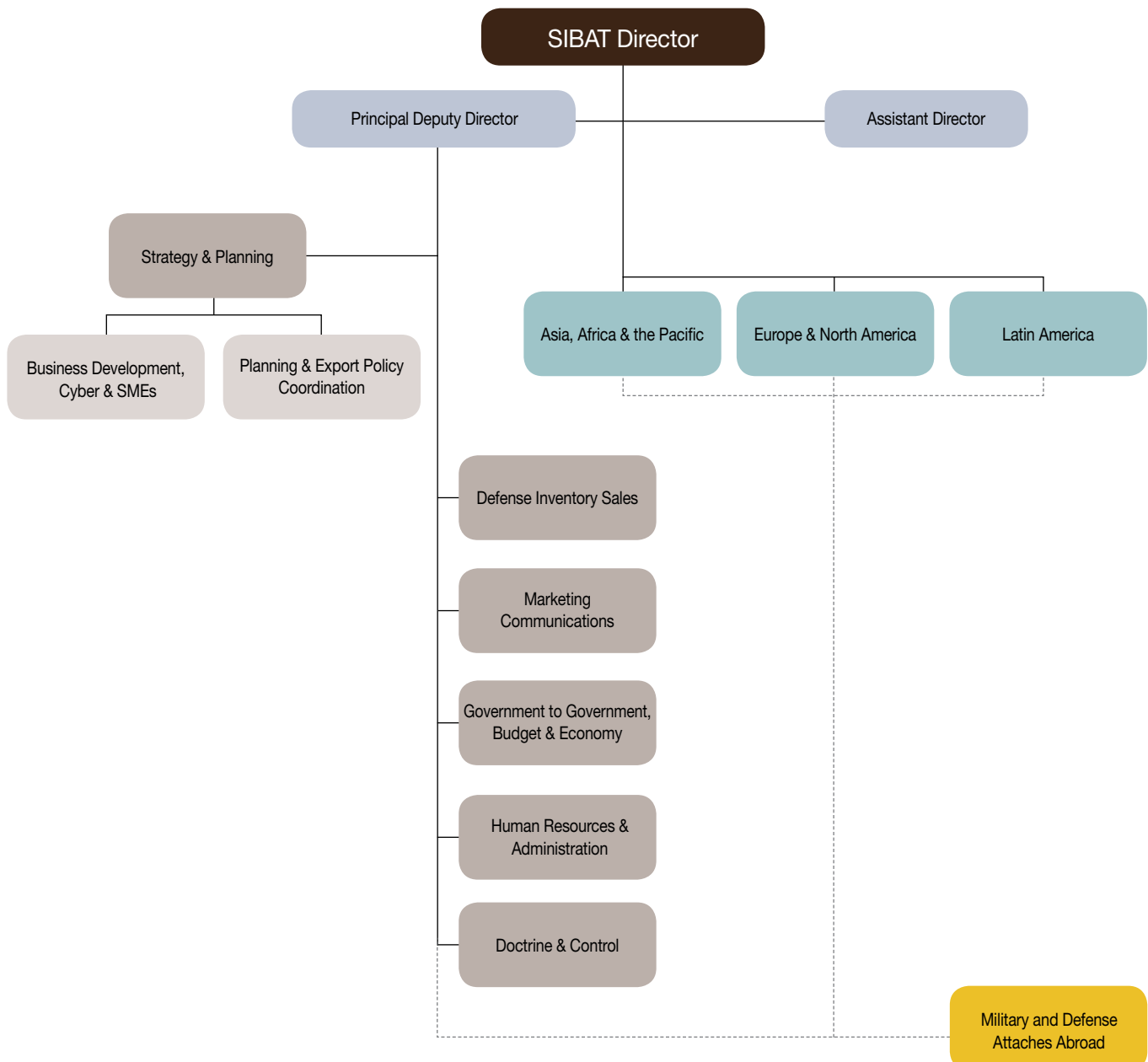
SIBAT - AT THE CROSSROADS
OF ISRAEL'S DEFENSE INDUSTRY

Uniquely positioned within Israel's defense ecosystem, SIBAT enjoys a close relationship with both the Israeli defense industry and the IDF.

As such, SIBAT:

- Receives ongoing updates regarding the wide variety of technologies and solutions being developed by Israeli defense companies.

- Handles a steady stream of critical input concerning the IDF's evolving operational requirements.

- Continuously enhances and expands its understanding of defense concepts - and the relationship between the IDF's field experience and the development of industry solutions.

SIBAT - Organization Chart

```
                          SIBAT Director

Principal Deputy Director                      Assistant Director

Strategy & Planning              Asia, Africa & the Pacific | Europe & North America | Latin America

Business Development,    Planning & Export Policy
Cyber & SMEs             Coordination

                 Defense Inventory Sales

                 Marketing
                 Communications

                 Government to Government,
                 Budget & Economy

                 Human Resources &
                 Administration

                 Doctrine & Control

                                        Military and Defense
                                        Attaches Abroad
```

FACILITATING INTERNATIONAL COOPERATION

SIBAT's main responsibilities:

- Initiating and assisting in the expansion of international defense cooperation.
- Planning and executing the defense export strategy
- Acting as the primary source of detailed information about Israel's versatile, dynamic defense industry.
- Participating in the formulation of Israel's defense export policy, coordinating all export-related activities, and promoting Israel's defense technologies abroad.

Designed to facilitate international cooperative initiatives, SIBAT:

- Generates and supports Government-to-Government agreements.
- Initiates and coordinates visits to Israel by foreign delegations and representatives from around the world.
- Organizes the visits of Israeli defense delegations abroad.
- Establishes collaborative ventures and long-term partnerships.
- Assists in the creation of joint ventures between Israeli defense industry manufacturers and foreign partners.
- Identifies the needs of potential customers, matches these requirements with appropriate technological solutions, and establishes connections between customers and relevant Israeli defense companies

International Cooperation

International cooperation is divided into three regional divisions:
1. Europe & North America
2. Asia, Africa & the Pacific
3. Latin America

MARKETING AND SALES OF DEFENSE INVENTORY

SIBAT manages the marketing and sales of Israel's entire defense inventory, which is released by the IDF and the IMOD. Inventory sales, handled by SIBAT, includes main platforms (aircraft, tanks, ships and armored vehicles), weapon systems (guns, missiles, light weapon systems), spare parts (air, ground, sea), and vehicles. All sales are carried out either through tenders or by negotiation. A selection of currently available inventory can be found on SIBAT's website.

EXPANDING GLOBAL DEFENSE COOPERATION

Creating Cooperation with Israel's High-End SME's

SIBAT attaches great importance, and allocates significant management resources, to the support of small and medium-sized defense enterprises. These industries rapidly provide flexible solutions to meet urgent needs, constitute a wellspring of technological innovation, contribute to the enhancement of competitiveness, and possess specialized knowledge and expertise.

SIBAT has become an exceptional source of information for Israel's flourishing SME community – appreciated for its nurturing of innovative startups, as well as its matching of mid-sized and large firms with global partners.

Supporting Global Customers and Defense Exporters

Tasked with expanding global cooperation with Israel's defense industry, SIBAT disseminates information regarding the country's cutting-edge, combat-proven technologies, and supports global customers as well as defense exporters.

ACTIVITIES INCLUDE:

- Comprehensive quality assurance and technical support services as required by

- Government-to-Government agreements.

- Advanced training seminars in Israel and abroad, and training for foreign forces around the world in the effective use of Israel's technologies and know-how.

- Publication of the Israel Defense Directory every two years, covering Israel's Defense and Homeland Security Industries.

- Organizing the Israel National Pavilion at defense-related exhibitions around the world, where Israel's technologies and capabilities are showcased under one roof; producing local conferences; attending global fairs and exhibitions.

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SIBAT סיבט

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HOW TO USE THIS DIRECTORY

Israel's Homeland & Cyber Defense Directory 2018-2019, brought to you by SIBAT, provides homeland defense technology and service providers.

For your convenience, this book includes several index sections. Each index is organized by alphabetical order, highlighting the participating companies, specific products, application solutions and services offered.

Company Index (Page 11):

Israel's Homeland & Cyber Defense Company Index lists about 100 companies offering Cyber technologies and homeland defense products, solutions and services. The index lists the location (page number) where the company's profile is located in the company profile section beginning at page 30.

Cyber Defense Technologies Index (page 12)

The companies providing technologies and services for cyber defense are included in this index, organized in 25 specific categories, Communications Interception, Cyber and Network Security and Encryption, Network Surveillance, and Cyber Warfare are the main categories in this index. Each listing refers to the company name and the page it appears in this book.

Equipment Index (page 13-24):

Israel's Homeland Defense Equipment Index presents hundreds of equipment types, grouped under 23 main categories, organized by alphabetical order. Companies offering specific products related to each sub-category are listed, indicating the company profile page. Among the main product categories are access control, perimeter security, transportation, armor protection, biometric systems, industrial, financial and business security, civil defense and CBRN, Command, control and communications and surveillance, Counter-IED, and EOD, intelligence, and forensic investigation, law enforcement and counter-terror, weapons, personal gear.

Applications/Solutions Index (page 24-27):

Israel's Homeland Defense Applications listing outlines companies offering system solutions based on their own equipment or other equipment manufacturers (OEM). Over 40 categories are included, addressing a broad range of homeland security requirements. In addition to the 23 main product categories, this section addresses specific applications such as anti-fraud and countering financial crime, aviation security, border security & control, casualty evacuation, cyber security, emergency response planning, maritime and coastal security, oil and gas security, safe city, urban surveillance and response and more.

Services Index (page 28):

Israel's Homeland & Cyber Defense Services listing include companies providing services, consulting and support for homeland security operations. These companies are providing expert advice for the planning, design, integration, training, inspection, auditing and certification, required for continuous operation of homeland security systems

Alphabetical Index & Product Brand Names (page 122-150):

You can also search for a specific product by brand name, in the alphabetical index listed at the end of this directory.

Although we have done our utmost to insure that the information herein is correct, it is the companies that are responsible for the accuracy of the information they submit.

We, therefore, cannot be held responsible for any inconsistency or inconvenience caused by discrepancies in the information.

The Directory will be current for 24 months, with the next one due to be published in 2020.

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ISRAEL'S HOMELAND DEFENSE - EQUIPMENT

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Mini UAS - Max. Performance

The **Skyzer450** Mini UAS is based on advanced technology and human design, all serving the same purpose of creating a Mini UAS with enhanced and innovative capabilities.

The **Skyzer450** is designed for Military,Homeland Security and Civilian Missions. Our system excels in every ISTAR mission.

Performance

Parameter	Value
Endurance	Up to 5 Hr. (electrical engine)
	Up to 12 Hr. (fuel engine)
Takeoff method	Runway / Launcher
Flight Ceiling	16,000ft
Operational speed	35-70 knots

Technical Data

Parameter	Value
MTOW	21.5 kg
Max. Payload Weight	5 kg
Wing Span	3.3 m
Length	2.27 m
Datalink Range	10/50/100

Automotive Robotic Industry

AMSTAF - UGV
always on guard

AUTOMOTIVE ROBOTIC INDUSTRY LTD.

41 Derech Haemek St.,
Nazareth 1710501, Israel
Tel: 972-50-7373734
Fax: 972-4-6558103
E-mail: info@amstaf-ugv.com
Web Site: www.amstaf-ugv.com

Automotive Robotic Industry Ltd. (ARI) specializes in developing, manufacturing, and marketing of autonomous robotic systems.

Our Goal is to provide solutions for various types of missions, keeping human operators safe in dangerous and hazardous missions, and save on resources (time and budgets) during ordinary routine.

AMSTAF UGV, the company's prime product, is a multi-mission, amphibious, integrated Unmanned Ground Vehicle (UGV) system for security, intelligence gathering, rescue missions, firefighting and crowd control, or serves as a multipurpose logistics vehicle (MLV).

This system easily integrates with existing security sub-systems, such as smart fences, radars, vision systems and with C4ISR systems.

ARI offers flexibility in configuring the **AMSTAF** to your needs and requirements.

Our Team specializes in HLS & Military fields, and brings years of operational experience.

AMSTAF UGVs are built on a maneuverable and robust differential drive platform with electric motor propulsion, optionally in a serial hybrid configuration. Designed to work up to 48 hours of continuous duty cycle as per customer's operational requirements.

AMSTAF can engage threats in a tele-operation mode or autonomously, as a single unit or as a team (swarm) of UGVs.

AMSTAF's key economic attribute is the cost effectiveness with a fast Return On Investment (ROI).

The system is based on COTS components and our unique software built using automotive, marine, and industrial standards resulting in low capital cost, yet providing a robust solution with low operational costs.

ARI is a member of a larger group of companies including Automotive Industries Ltd, a leading Israeli automotive company.

AMSTAF UGV operational capabilities

- Multi mission support: patrol, surveillance, detection, threat neutralization and rescue
- Autonomous path planning, obstacle detection, avoidance, and rapid reaction
- Integrated Geographical Information System (GIS) providing asset / threat location and real-time mission parameters via Autonomous Operation Control Unit (AOCU) computer
- For Airports, Border-control, Sensitive / Infrastructure sites, Military and any HLS needs
- Tele-operation in direct connect mode using ruggedized notebook or over wireless / cellular networks via Tele-Operation Control Unit (TOCU) computer
- AOCU Mission Manager providing means of rapidly building missions, managing, and monitoring their execution
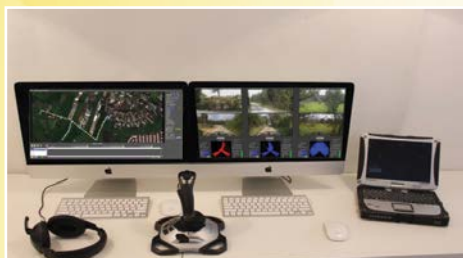
CUTTING EDGE TELEMETRY LINK SOLUTIONS

B.A. MICROWAVES LTD.
P.O.Box 25482
Haifa 3125401, Israel
Tel: 972-4-8202715
Fax: 972-4-8202716
E-mail: b.gilboa@bamicrowaves.co.il
Web Site: www.bamicrowaves.co.il

BA Microwaves is privately owned Israeli company located in Haifa and specializes in developing and supplying cutting edge telemetry link solutions

- Leading developer and manufacturer of telemetry links
- Leading supplier for the Defense Industry in Israel
- Agile links, adaptable to a variety of platforms, requirements and formats
- Proven track record with Thousands of BA aerial and ground platforms already installed

Our PCM/FM and SOQPSK systems are designed as a building block for multiple platforms, thanks to the field configuration of the transmitter/receiver parameters that Allows users to configure specific, modulation, bandwidth, bitrate and many other parameters.

TELEMETRY TRANSMITTERS

Designed to withstand harsh conditions
Proven reliability following thousands of flights and experiments
Factory Configuration:
Maximum output power
Telemetry interface (Serial/Ethernet)
Frequency band (P.UHF.L.S.C)
Size
Field Configuration:
Frequency within the band
Output power
Pre-modulation filter
Deviation
Internal/External clock
Clock/Data Polarity
Randomized/non Randomized
Data Type (NRZ-L, NRZ-M, …)
Monitoring and Control:
Forward Power
Return Power
Internal unit temperature
Alternating between Active/Standby modes
Alternating between Low/High Power modes
Configuration: Units can be configured via simple serial interface (RS485) or Ethernet port

TELEMETRY RECEIVERS

Installed in ground stations
SOQPSK (Tier 1) or PCM / FM (Tier 0) configurable device
19" 2 U standard rack mount devices
Configured via RS485 or Ethernet link
Data distribution via RS422 or Ethernet link
Units include 2 IF bandwidth modes for narrow and wide IF signals
Parameters controlled by either RS232 input or push button keys on the front panel
Clock can be extracted to create data and to manipulate format
Data, clock and 70MHz amplitude limited output can be supplied to meet required format and modulation rate, and to be used use with external demodulator
BIT SYNCHRONIZER
BA Telemetry Receiver can include a versatile BIT synchronizer designed to extract the clock from the data. This synchronized data can then be configured to different   format, phase (of both clock and data), randomization, and loop filter

LEADING PROVIDER OF EMERGENCY COMMUNICATION AND CRITICAL MESSAGING SERVICES

BEEPER

147 Bialik St.,
Ramat Gan 5211802, Israel
Tel: 972-3-6100064
Fax: 972-3-6104396
E-mail: lenag@beeper.co.il
Web Site: www.beepergroup.com
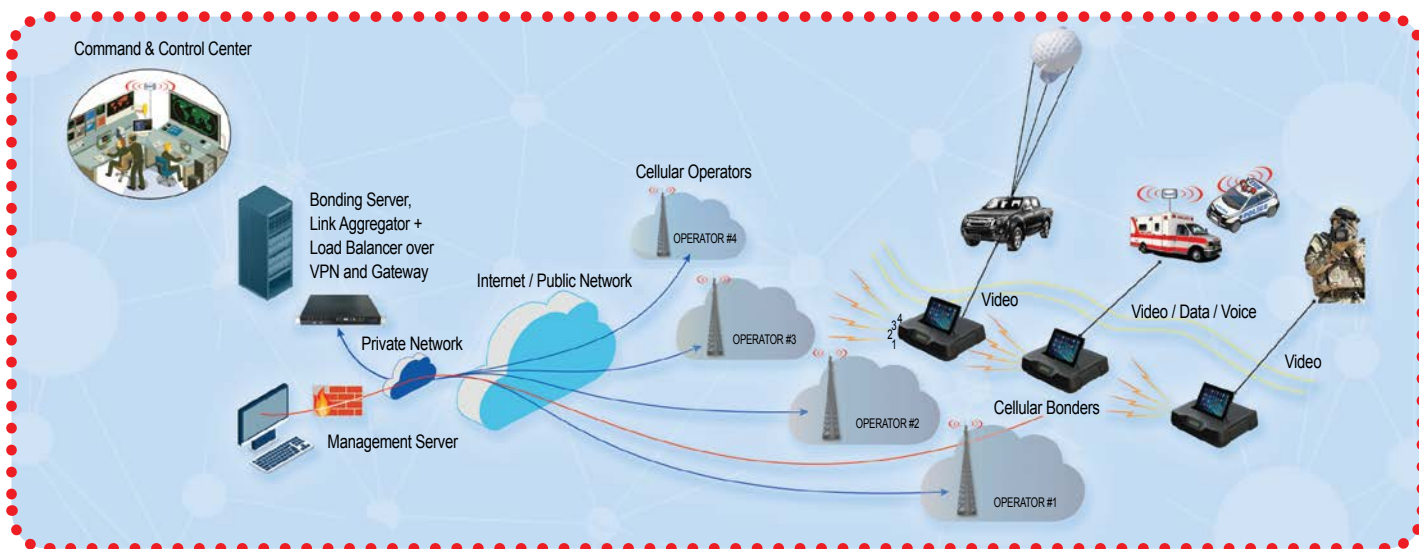
Beeper Communications Israel is a leading provider of emergency communication and critical messaging services for security, military, and homeland defense. Its wireless infrastructure combines satellite and ground RF transmission systems, providing full reliable coverage. Established by Motorola and local partners in 1988, and now held by a private equity firm, Beeper offers today's leading emergency communications solutions.

Public Alert Warning -
Critical Messaging Mass Alert Notification

This robust, customizable system for Disaster & Crisis Management collects real-time data and alerts mass populations via a range of user devices. It drastically improves emergency authorities' response time, key to public safety. Using Beeper's wireless messaging networks and applications, this proprietary system by-passes congested public networks, delivering messages tailored per customer need in a service that is critically secure, encrypted and reliable.

Leading Beeper systems also include:

M2M Metering Control - wireless monitoring/control for automatic meter reading
Energy Management SCADA System - for energy consumption optimization
Operational Call Centers - Handling over 1.5 million monthly calls for global clients;
ISO 9001-2000 certification, MOD-ranked "Excellent Supplier".

IE-5000 Multi-WAN Xtreme -
High speed, mission critical communications

A 3G/4G LTE multi-WAN channel bonder, IE-5000 acts as an SD-WAN bonding router delivering mobile bandwidth-on-demand with high speed connectivity. It is a leading cost-effective solution for communication needs from Disaster Emergency Response to Healthcare; Automation/Production to Education & Training; as well as Security, Banking, Transportation, and Dynamic Digital Signage. It improves agility of network services, while reducing cost and complexity. Successfully deployed for Civilian and Military applications, IE-5000 is a leading solution for bandwidth speed, when time is critical.

Earthquake Early Warning

Beeper's SeismoGuard is the world's fastest, most advanced Earthquake Warning Technology, providing earthquake detection, analysis and regional/national alert capabilities. Seamlessly integrating with existing Emergency Communication and Alert Systems, it is fully automated and operates 24/7, with zero downtime.

RIOT CONTROL VEHICLES

BEIT-ALFA TECHNOLOGIES LTD.
Kibbutz Beit-Alfa 1080200, Israel
Tel: 972-4-6533060
Fax: 972-4-6533504
E-mail: info@bat.co.il
Web Site: www.bat.co.il

- ❖ **B.A.T** is a leading manufacturer of sophisticated Riot Control Vehicles.
- ❖ **B.A.T's** state of the art "Jet Pulse Water Cannon" is unique, accurate and effective.
- ❖ **B.A.T** manufactures a complete line of Riot Control Vehicles, with over 15 different models, on a wide variety of basic chassis'.
- ❖ **B.A.T's** Riot Control Vehicles have been "proven in combat" worldwide.

B.A.T's RIOT CONTROL VEHICLES FEATURE:

- ❖ Three different modes: Short Pulse, Long Pulse and Continuous Stream.
- ❖ Tear gas (CS) or Pepper Spray (OC) and Dye can be injected into the water pulse. Optional Skunk System.
- ❖ Under chassis and upper deck foam protection (against firebombs).
- ❖ Gas nozzles for all around protection of the vehicle.
- ❖ Water sprayers for windshield and side windows.
- ❖ Air filtration for driver's cabin.
- ❖ Front bulldozer for obstacle removal.
- ❖ Close circuit T.V and video system.
- ❖ Rear camera & monitor for backward view.
- ❖ Ballistic armoring against any threat level.
- ❖ Run-Flat-Tires (R.F.T).
- ❖ Front Bumper's water/foam Cannon.
- ❖ Extractable Troop Protection Shields.

THE B.A.T RIOT CONTROL VEHICLE:
YOUR BEST AND MOST EFFECTIVE TOOL FOR RIOT CONTROL

RCU 2500

BOOM 9000

RCU 4500

RCU 6000

RCU 9000

EXPLOSIVE ORDNANCE DISPOSAL VEHICLES (EOD, IEDD) & WATER RESTRAIN SYSTEMS (WRS)

BEIT-ALFA TECHNOLOGIES LTD.
Kibbutz Beit-Alfa 1080200, Israel
Tel: 972-4-6533060
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E-mail: info@bat.co.il
Web Site: www.bat.co.il

BAT EXPLOSIVE ORDNANCE DISPOSAL (EOD & IEDD) VEHICLES

Vehicles include a choice of very specialized equipment adopted by many Military and Law Enforcement units. Each vehicle is a totally equipped highly professional tool, allowing its users to perform almost all types of EOD & IEDD interventions missions. It provides a fast and convenient way of rapidly deploying an EOD team, complete with necessary equipment to the scene of an incident.

In addition to the state-of-art EOD robot, the vehicle is equipped with conventional bomb disposal equipment, disruptors, bomb suits, x-ray inspection equipment, searching devices, hazardous material response equipment, demolition tools, mine detectors, bomb locators, various cartridges and various other specialized and sophisticated EOD & IEDD tools.

All vehicles are internally customized so that equipment required is safety and easily stowed in its own location according to operational requirements.
Complete "turn key" packages of vehicles and all equipment can be supplied allowing an EOD & IEDD team to become operational immediately.

BAT Configure and construct vehicles to deploy all of the equipment categories on a variety of standard chassis, according to the customer request. Training courses are also provided, in both the use of equipment and in operational procedures.

WATER RESTRAINT SYSTEM (WRS)
Inmate Control - Crowd Control - No Physical Contact

Non-Lethal Restraining System

BAT's Water Restraint System (WRS) is a non-lethal, high-pressure water stream restraining system designed specifically for control of dangerous inmate situations in correctional facilities.

Effective Control of Inmate Situations

BAT's Water Restraint System (WRS) provides effective and non-lethal control of serious and potentially deadly inmate situations. High-pressure water is used to restrain inmates at a safe distance without direct physical contact with officers. In extreme situations, different additivies can be injected in the water stream, under officer control, to further restrain and demobilize the inmate. Options include the injection of Tear Gas and colored or colorless dyes if marking the object is desired.
The water stream can be used in either the pulse or continuous modes . There are two pulse modes (long and short) depending on the amount of force required. The operator has complete control, using a microprocessor-based control panel.

# NBC-PROTECTION AND BLAST PROTECTION FOR BOMB SHELTERS & MEDICAL ISOLATION

BETH-EL ZIKHRON YAAQOV INDUSTRIES LTD.
1 Avshalom Road, P.O.Box 166
Zikhron Yaaqov 3095101, Israel
Tel: 972-4-6299904/05
Fax: 972-4-6299900
E-mail: export@beind.com

Beth-El Industries is a world leader in the development, design, and manufacture of filtration, ventilation, air conditioning, integration of turnkey projects, and other technologies. Supplied, as well, are mobile medical isolation systems, blast protection and air filtration systems for bomb shelters, filtration for fire brigade vehicles, and many other civil and military applications.

Founded in 1973, Beth-El has supplied tens-of-thousands of protection systems to governments and civil authorities. As well, Beth-El has supplied systems to more than 60 armies worldwide, which include most of the NATO states, most European countries, as well as a large number of forces in the Far East.
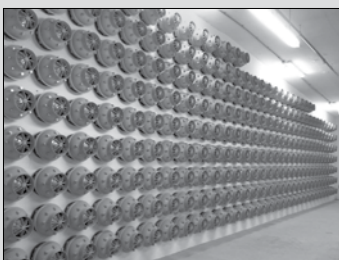
Blast Protection

Tear Gas Protection Systems for Police & Emergency Vehicles

Cabinet Shelters that expand into an NBC-resistant Chamber for Unhardened Infrastructure

0 Sec.

4 Sec.

6 Sec.

8 Sec.

Ventilation and Filtration Systems for Private Vehicles against Tear Gas, Pepper Gas, Smog, Dust, and Pollution
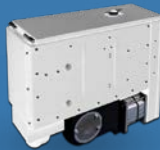
Mobile Medical Isolation Systems

A Wide Variety of NBC-Filtration Systems & Filter Banks for Critical Infrastructure Protection

WORLD LEADING PROVIDER OF SENSE THROUGH THE WALL (STTW) SOLUTIONS

CAMERO-TECH LTD.

Grand Netter Industrial Zone
Intergama Building P.O.Box 3521
Kfar Netter 4059300, Israel
Tel: 972-73-7172333
Fax: 972-73-7172323
E-mail: info@camero-tech.com
Web Site: www.camero-tech.com
Web Site: www.sk-g.net

A MEMBER OF SK GROUP

Founded in 2004, Camero, an SK Group member, is a world leader in the development and manufacturing of "Sense through the wall" imaging systems. Camero's solutions provide real time information on multiple stationary and moving objects concealed behind walls and barriers - providing operators with unprecedented situational awareness and operational advantage, utilizing unique pulsed based UWB micro-power radar technology. Camero's life-saving through the wall imaging systems have become the solution of choice for top military and law enforcement agencies and Search and Rescue teams throughout the world and have been successfully operationally deployed in more than 40 countries worldwide.

Xaver™ 100

The Xaver™100 is an ultra-portable, handheld and durable presence of life detector.

The Xaver™ 100 provides military, law enforcement and Search & Rescue personnel critical information in real-time about the presence of life and its distance behind a wall, enabling better tactical decision making in various operational scenarios.

Xaver™ 400

The Xaver™ 400 is a compact Radar based device, optimized for quick tactical decision making in urban operations.
It provides real-time mission-critical information on live and static objects hidden behind walls and barriers, including:
▪ Presence of life in the room ▪ Number of people and their location inside a room ▪ Tracking of target movement patterns ▪ Room general layout, including dimensions and major infrastructure elements.

The Xaver™ 400 has been widely deployed by leading military and law enforcement users worldwide.

Xaver™ 800

The Xaver™ 800 is a full 3-Dimensional, Intelligence, Surveillance, and Reconnaissance (ISR) device, optimized for gathering mission-critical, accurate real-time information on live and static objects. The Xaver™ 800 creates an unprecedented situational awareness picture, providing a clear operational advantage and the ability to "step into the known". The Xaver™ 800 has been deployed by users worldwide.

XAVER NET™

The XaverNet™ system is a remote wireless ToughPad that works in combination with Xaver™ 100 and Xaver™ 400 systems. It enables the user to receive real time visual data and fully control remotely up to four Xaver systems simultaneously.

SK GROUP

Camero-Tech Ltd. is a member of SK Group, a leading global defense and security group of companies comprising - IWI (Israel weapon industries), Meprolight Ltd. (electro-optic systems, lasers and night vision systems), Israel Shipyards Ltd. (Ship manufacturing and repair), Uni-scope Ltd. (Optical periscopes) and more.

SYSTEMS DIVISION

CARMOR
Integrated Vehicle Solutions Ltd.

P.O.Box 639
Nazareth Elite 1710502, Israel
Tel: 972-4-6410641
Fax: 972-4-6418555
E-mail: info@carmor.com
Web Site: www.carmor.com

EXPECT MORE WITH CARMOR

Carmor, formerly known as Hatehof, was founded in Israel in 1947 and played a key role since then in equipping the state and other worldwide customers with specialized, dedicated and armor vehicles.

This highly respected international brand now manufactures vehicles for the IDF, NATO and United Nations forces, as well as civilian administrations, homeland security and military customers.

Carmor specializes in providing tailor-made vehicles by use of:

• State-of-the-Art craftsmanship
• Protective levels (STANAG 1-5) against bullets - Upon client's request
• High performance automotive systems and power lines
• Complete range of In-House services: concept, design, QA, inspection, manufacture, assembly, professional literature & maintenance.

Through housing both R&D department as well as production facilities, **Carmor can provide the client the most cost-effective Tailor-made solution**.

Our Special purpose vehicles range from Riot-Control through Fire fighting, Tankers & Refuellers - All in many possible configurations and sizes.

Carmor is ISO 9001 and ISO 14001 certified manufacturer of armored and designated vehicles. As such, we maintain a rigid quality-oriented process designed for after sales services supplied by Carmor, among which are: Pre-delivery QA inspection and CoC, Three degrees maintenance service, Spare parts contract, provided literature and warranty.

Riot Control - A unique vehicle with multiple configurations (Pulse Let Cannon System; Armor; Dye/Tear Gas/Foam/Water; etc) upon client's demands

Fire Fighting - A complete range of fire fighters per multitude missions with a unique anti-rust minimal maintenance body

Trailers & Wagons - Tailor made trailers of up to 90 ton load capacity and various wagons per client demand

Refuellers & Tankers - Tailor made Aircraft refuellers and tankers with capacities ranging from 3000Lt-60000Lt, designed as 6X6, 6X4, 4X4 or 4X2 on/off road vehicle, can be fitted for aerial transportation

MILITARY SURPLUS FIREARMS & EQUIPMENT

CONTACT INTERNATIONAL (KALIA) LTD.
P.O.Box 18434
Jerusalem 9118301, Israel
Tel: 972-2-5354565
Fax: 972-2-5354566
E-mail: marketing@contact-kalia.com
Web Site: www.contact-kalia.com

Contact International Ltd. is one of the leading companies in Israel, operational since 1979 and specializing in military surplus and new firearms, ammunition and military equipment with a worldwide clientele and an excellent reputation.

The company specializes in military surplus firearms which include: pistols and revolvers, assault and sniper rifles, sub-machine guns, heavy machine guns, shoulder fired rocket launchers and more. We are able to provide firearms of almost all models, from antique to the most modern, both Western and former Eastern bloc types.

Contact International Ltd. provides ammunition in all calibers, both NATO and non-NATO, surplus and new production. The company also provides military equipment, gear and accessories such as: tents, blankets, gas masks, combat vests, helmets, rifle scopes, magazines, riot control equipment, gun upgrade kits and much more.

Contact International Ltd. also provides military surplus aircraft and armored vehicle spare parts for mostly Israeli and American models.

Our main advantage is the fact that we sell mostly from our own inventory allowing for a reliable and rapid delivery. For items that are not in our stock we provide a very efficient procurement service in which we can locate almost any firearm or ammunition through our worldwide network of sources and suppliers.

CONTROP'S MARITIME AND LAND EO/IR CAMERA SYSTEMS

CONTROP
Precision Technologies LTD.

P.O.Box 611
Hod Hasharon 4510502, Israel
Tel: 972-9-7440661 Fax: 972-9-7440662
E-mail: sales@controp.com
Web Site: www.controp.com

AIRBORNE	MARITIME	LAND	VEHICLES

CONTROP Precision Technologies Ltd. specializes in the development and production of innovative EO/IR solutions for Surveillance, Defense and Homeland Security applications.

CONTROP's main product lines include:

• Airborne EO/IR Gyro-stabilized Payloads for installation on SUAVs, Drones, UAVs, Helicopters, Fixed-wing Aircraft, Aerostats/Balloons and more.

• Maritime EO/IR Gyro-stabilized Payloads for installation on Boats, Ships, Vessels and more.

• Land EO/IR Automatic Intruder Detection and Surveillance Systems for installation on Towers, Masts, Poles, Vehicles and Buildings.

CONTROP's EO/IR systems have been in worldwide daily operation since the 1990s, on a wide variety of airborne, maritime and land platforms.

CONTROP's iSea Maritime EO/IR Camera Systems

The iSea Maritime EO/IR Gyro-stabilized Payloads were designed to meet harsh maritime environment on Boats, Ships, Vessels and other Maritime platforms.

iSea Applications:
Search & Rescue, Border Surveillance, Law Enforcement, EEZ Protection, Counter Piracy, Special Operations.

CONTROP's Land EO/IR Camera Systems

The Land EO/IR Systems were designed to provide automatic detection, recognition and identification capabilities and were especially developed for diverse land environmental conditions.

Land Systems' Applications:
Border Surveillance, Coastal Surveillance, Perimeter Surveillance, Protection of Sensitive Sites, Force Protection.

CONTROP's mission proven iSea and Land EO/IR camera systems provide superior images due to maximum sensor range performance using highly sensitive sensors, gyro-stabilization and unique video enhancement algorithms.


T-VIEW   MEOS   TWISTER   SPIDER   SPEED-LR   SPEED-ER   SPEED-A

iSea-10U   iSea-20/20HD   iSea-30/30HD   iSea-40   iSea-50HD

CONTROP'S AIRBORNE EO/IR CAMERA SYSTEMS

CONTROP
Precision Technologies LTD.
P.O.Box 611
Hod Hasharon 4510502, Israel
Tel: 972-9-7440661 Fax: 972-9-7440662
E-mail: sales@controp.com
Web Site: www.controp.com

AIRBORNE   MARITIME   LAND   VEHICLES

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- Land EO/IR Automatic Intruder Detection and Surveillance Systems for installation on Towers, Masts, Poles, Vehicles and Buildings.

CONTROP's EO/IR systems have been in worldwide daily operation since the 1990s, on a wide variety of airborne, maritime and land platforms.

CONTROP's STAMP Airborne EO/IR Camera Systems

The STAMP airborne EO/IR Gyro-stabilized Miniature Payloads were designed to meet demanding Intelligence, Surveillance, Reconnaissance and Targeting (ISRT) missions on Small UAVs (SUAVs), drones and other aircraft.

STAMP Applications:
Realtime Situation Awareness and Tactical Response, Over-the-Hill Reconnaissance, Special Operations, Force Protection.

CONTROP's iSky Airborne EO/IR Camera Systems

The iSky airborne EO/IR Gyro-stabilized Payloads were designed to meet challenging Military and Law Enforcement airborne operational requirements on UAVs, Helicopters, Fixed-wing A/C and other aircraft.

iSky Applications:
Search & Rescue, Border Surveillance, Law Enforcement, Maritime Patrol.

CONTROP's mission proven STAMP and iSky EO/IR camera systems provide superior images due to maximum sensor range performance using highly sensitive sensors, gyro-stabilization and unique video enhancement algorithms.

MICRO-STAMP   STAMP   M-STAMP   T-STAMP   T-STAMP-XR   TR-STAMP

NEW

iSky-20/20HD   iSky-30/30HD   iSky-40   iSky-50HD
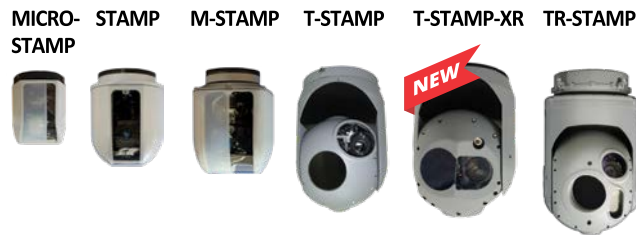
CYBER SECURITY

CYBERBIT LTD.
22 Zarhin St.,
Ra'anana 4310602, Israel
Tel: 972-9-7799800
Fax 972-9-7799868
Web Site: www.cyberbit.com
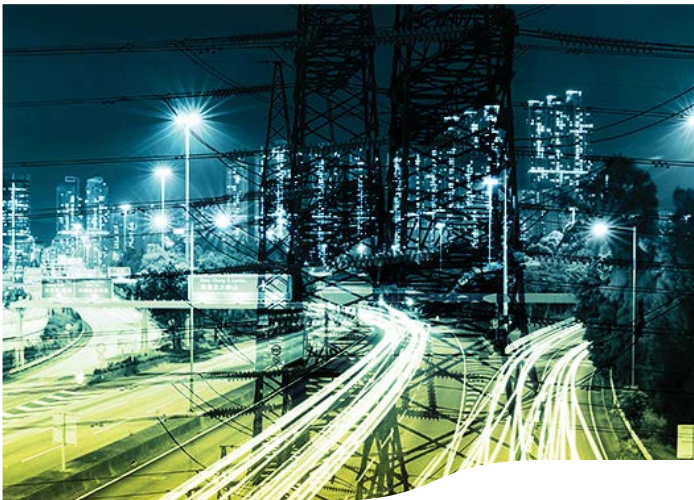
Cyberbit, a wholly owned subsidiary of Elbit Systems, helps organizations prevent breaches, increase cyber resilience and improve their efficiency with the first analytics-driven product suite for managing the entire incident lifecycle across IT and critical infrastructure networks.

SOC Automation and Orchestration
Respond rapidly to incidents and increase the efficiency of your security operation by automating workflows and centralizing SOC data feeds and products into a single system. Reveal insights across all SOC data with powerful investigation tools, to resolve incidents faster.

Cyber Range - Training and Simulation
Train your cybersecurity team and test new tools and procedures with the most widely deployed Cyber Range training and simulation platform. Prepare your team for incidents with using hyper-realistic simulated training in real-life settings.

Critical Infrastructure Security and Visibility
Detect attacks on industrial control, ICS/SCADA networks and protect your critical assets with deep-packet monitoring. Discover all network components to obtain visibility across the entire ICS/SCADA network.

Endpoint Detection and Response
Detect advanced threats that evade traditional security systems including zero-day, signature-less, file-less attacks and ransomware, leveraging the power of behavioral analysis and machine learning. Empower your security analysts with forensic tools that uncover the entire attack story within seconds.

*DEFENSE*TECHS *LTD.*

IS YOUR ONE-STOP-PARTNER...

GET EVERYTHING FROM

ONE SUPPLIER!

DEFENSE TECHS LTD.
67 Chaim Lebanon St.,
P.O.Box 39290
Tel Aviv 6139201, Israel
Mobile: 972-50-4551284
E-mail: info@defensetechs.com
Web Site: www.defensetechs.com

We are an Israeli company with more than 17 years of experience in the field of HLS (Homeland Security), Defense and Civil protection, being part of the group I.B.L.

DefenseTechs Ltd. works in partnership with International top worldwide experts and represents+150 manufacturers worldwide.

We are a unique One-Stop-Partner; by difference with others: we supply everything you need and even propose better solutions fitting your needs, and not only one single solution.

We are a one-stop-partner in the security, defense and protection field providing technologies, equipments, full turnkey projects, knowledge and Transfer of technology, consulting and trainings.

We are always updated on the best technologies and solutions as well as new innovations in the different fields.

We provide the best quality and very competitive prices as well as new innovations in the field, thus we are constantly looking for new solutions, new technologies, new innovations, in this way we always continue staying one step forward.

We wish to meet new local partners, resellers and agents worldwide as well as Integrators, private corporations and Security companies, in order to continue developing new business in new regions and sectors.

DefenseTechs Ltd. is YOUR Partner, try us… because our defense is your best business.

DEMOMAN INTERNATIONAL LTD.

When conventional is insufficient... We provide the edge

Demoman integrates the experience of its partners from the finance, intelligence and security fields to provide unconventional solutions to problems that are beyond the capabilities of conventional risk and crisis management firms. Our select worldwide network of experienced security and financial professionals enables us to provide our clients with proprietary access and information together with unique operational capabilities.

Our Services

- Strategic business intelligence
- Operational-political risk mitigation
- Terrorism-funding and money-laundering investigative support
- Financial investigations and due-diligence support
- Security consulting and operational solutions

Our Successes

- A large risk management firm lacked business intelligence regarding a sensitive sector in Latin America. We obtained the information in critical time and saved the investigation - and their contract.

- An investor's group retained our services to uncover the complex holding structure behind a financial institution it was considering purchasing in Central Asia.

- A large contractor for the US government utilized us for assistance in a complex international investigation involving possible illegal money transfers and money-laundering.

- A European businessman found himself unjustly detained in an African country after uncovering embezzlement by his local partner. Five days after being retained by his company we obtained his release through our network of contacts.

- Our contacts with the party that won an unexpected victory in elections in West Africa enabled us to protect a multinational client from the loss of valuable contracts with the previous government.

Our locations

Tel Aviv, Washington D.C., Barcelona, Glasgow, Bogota, Mexico city, Manila, Accra

STRONGER TOGETHER

DIGNIA SYSTEMS Ltd.

DIGNIA SYSTEMS LTD.
9 Shenkar St.,
Herzlia 4672509, Israel
Tel: 972-74-7200700
Fax: 972-9-9612021
E-mail: recp-d@dignia.com
Web Site: www.dignia.com

DIGNIA at a GLANCE
Dignia is a global leader and trusted provider of Security and Defence solutions.Our customers include military and internal security organizations, intelligence and law enforcement agenices worldwide. With over 25 years experience we bring reliable field-proven technology, backed by professional expertise and "real world know-how" to any large scale government project.

OUR MISSION
We deliver mission-critical technology and operational expertise to safeguard national security, increase public safety and protect critical infrastructure.

PROFESSIONAL EXPERTISE
Dignia brings together world-class military and security experts to address every aspect of your operational needs. Many of our experts are high ranking officers with vast operational experience in air, land and sea combat. Dignia intelligence and security experts are valued advisors to governments and major security forums worlwide.

CUSTOMER FOCUS
Dignia offers scalable, tailored solutions to meet your operational needs and budget. Dignia makes sure you achieve your objectives, and helps your organization to keep pace with technology innovation and evolving security and intelligence threats.

OPERATIONAL LIFE CYCLE
Dignia supports the full operational life cycle of any project. From system design and development, to integration, training and assimilation, we are with you every step of the way. Dignia trains and prepares your personnel and delivers full maintenance and technical support services based on recognised international standards.

HOW WE WORK
Dignia specializes in complex large scale, turn-key projects. Our success is based on TITAS, a proprietary, customer-focused project implementation methodology that covers each stage of your project: Technology; Integration; Training; Assimilation and Support.

DIGNIA HOLDS A LARGE VARIETY OF PRODUCTS:
- Border control integrated projects
- Forensic laboratories
- Cyber solutions
- Command and control systems
- Intelligence solutions
- Critical infrastructure
- Etc...

KEY STRENGTHS
- Customized solutions for military, security and intelligence purposes
- Reliable, high performance systems and equipment
- Seamless integration to all mission-critcal systems
- Comprehensive project life cycle support.
- Access to world-class military and security experts
- Professional, high quality training programs
- Creative financing and flexible payment terms

The SHIELD™ Family
Your Underwater Security

DSIT SOLUTIONS LTD.
2 Rechavam Zeevi St.,
Givat Shmuel 5401777, Israel
Tel: 972-3-5313333
Fax: 972-3-5313322
E-mail: marketing@dsit.co.il
Web Site: www.dsit.co.il

DSIT Solutions Ltd. provides highly accurate and effective underwater security systems for the protection of critical waterside and offshore assets.
Our Shield™ family of diver detection sonar (DDS) systems includes the long range AquaShield™ DDS and the light, portable PointShield™ PDDS.

Our Shield™ systems are operating around the globe at ports and harbors, energy terminals, offshore platforms, power stations and from vessels in a variety of weather and water conditions.

The Shield™ Family of Underwater Security Systems:

- **Fully automatic - no operator required**
- **Best performance available**
- **Low false alarm rates**
- **Facilitate pinpoint response action**
- **Robust systems for long term operation**
- **Ease of integration with other security systems**

COMPANY DESCRIPTION

DSIT develops and produces advanced sonar systems for the defense, commercial, energy and homeland security markets. Our systems provide customers with state of the art underwater technologies for site security as well as acoustic measurement & analysis and sonar training & simulation.

AQUASHIELD™

POINTSHIELD™

HOMELAND SECURITY

Elbit Systems™
Land and C⁴I

**ELBIT SYSTEMS -
LAND AND C⁴I LTD.**
2 Ha'machshev St.,
Netanya 4250712, Israel
Tel: 972-9-8898080
www.elbitsystems.com/landc4i

Elbit Systems provides a multi-dimensional approach to securing borders and the public domain.

The integrated solutions, including the advanced Primrose unattended ground sensor system, offer enhanced situation monitoring, awareness and analysis, as well as high-level management of the entire public security process.

Elbit Systems' solution features a modular architecture that enhances the user's ability to prepare, identify, manage and prevent incidents, as well as to react appropriately both in day-to-day activities and in times of crisis.

DECISION SUPPORT, TRAINING, SIMULATION AND MANAGEMENT SOLUTIONS

for 24/7 Preparedness of Defense and Homeland Security

ELTEL TECHNOLOGISTICS LTD.
7 Martin Gehl St.,
Petach Tikva 4951254, Israel
Tel: 972-3-9205253
Fax: 972-3-9205200
E-mail: sales@eltel.co.il
Web Site: www.eltel.co.il

DECISION SUPPORT SOLUTIONS

Homeland Security: Supporting decision-makers and first-line responders in their readiness to deal with multiple scenarios during real-time emergencies. Our DSS4HLS (Decision Support Solution for Homeland Security) processes data originating from four crucial, proven Eltel elements: a Competence & Readiness Performance Management (CRPM) engine; an on-demand Synthetic Arena Simulator (SAS); a geographic/weather/nature model engine for geo-predictive analytics; and a crowd-behavior model simulator.

Military Applications: Live, virtual and constructive (LVC) platform supporting decision-makers in their readiness to deal with a range of battlefield scenarios. Offering live and virtual operating tools, constructive simulations and an operational and planning decision support system, it connects participants from multiple geographic locations, in order to share complex and challenging combat simulation experiences. By integrating simulative and constructive components, augmented and virtual reality, sophisticated gaming systems and live assets, it optimizes battlefield-training environments and delivers a complete training experience for all personnel involved.

SIMULATORS AND TRAINING SOLUTIONS

Training solutions for air, naval and ground military operations, including:

- Advanced VR and AR simulators based on military doctrines and physical and operation models.
- Conventional and ICT training solutions, including the establishment, operation and maintenance of training facilities and the provision of exercise and mentoring services.

MANAGEMENT SOLUTIONS

Development, integration, installation and maintenance of system management solutions based on the accumulated experience of more than 20 years, supporting the training and preparedness of defense and homeland security decision-makers and personnel.

EMTAN-WEAPONS OF CHOICE FOR MILITARY AND LAW ENFORCEMENT

EMTAN KARMIEL LTD.
P.O.Box 273
Karmiel 2191300, Israel
Tel: 972-4-9987531
Fax: 972-4-9988981
E-mail: info@emtan.co.il
Web Site: www.emtan.co.il

EMTAN KARMIEL LTD, is an Israeli Manufacturer of small arms, guns and weapons with over 40 years of experience and knowledge.

EMTAN employs over 120 skilled personals in a sophisticated computerize facilities that insures optimized manufacturing and quality assurance all this in order to deliver the end-user a reliable robust weapon within budget.

Our Products:

EMTAN manufacture the MZ Rifle range:

- MZ-4 Fully Automatic rifle in caliber 5.56 NATO
- MZ-47 Fully Automatic rifle in caliber 7.62X39 to suite AK47 Gun magazine and accessories
- MZ-10 Fully Automatic rifle in caliber 7.62 NATO
- MZ-300 Fully Automatic rifle in caliber 300 Blackout
- MZ-9 Fully Automatic sub machine gun in Caliber 9mm NATO
- MZ-15 Sami Automatic rifle in caliber 5.56 NATO or 223 for commercial, hunting and sport use

Based on the known M4-M16, EMTAN's small arms are designed and manufacture according to MIL-SPEC to suite the outmost requirements of any army or police force.

EMTAN Rifles are used by homeland security and military forces worldwide.

EMTAN's innovation and R&D in materials and processing technology and using the most updated machinery results in a rifle that is more reliable, **more accurate and more ergonomic than the standard issue rifles used by armed forces.**

EMTAN MZ4 Parts are fully compatible with other M4 and M16 rifles, EMTAN offers upgrading and converting kits for renewing of used M16/M4.

EMTAN holds valid **of ISO 9001:2008 certification and AS 9100-C certification of the Aviation, Space and Defense industry.**

EMTAN is approved by the Israeli MOD for manufacturing and exporting of small arms, guns and ammunition.

V-ALERT
MULTI-FUNCTION SENSOR

INDOOR-OUTDOOR INTRUSION DETECTION SYSTEM

G.M. AFCON
Security Technologies L.P.
4 Hatavor Lane
Segula Industrial Area
Petach-Tikva 4969104, Israel
Tel: 972-9-7662965
Fax: 972-9-7662964
E-mail: info@gmsecurity.com
Web Site: www.gmsecurity.com

The V-Alert System is a unique and versatile ELECTRONIC SENSOR based system providing a wide range of integrated OUTDOOR and INDOOR security solutions

UNIQUE PRODUCT FEATURES

- Electronic Sensor with NO moving parts – solid-state electronics
- Rugged and Sealed to meet harsh environmental conditions (incl. underwater)
- ACT (Adaptive Calibration Technology) - high detection, negligible false alarm rates
- Adjustable Sensitivity of individual sensors in TWO separate detection axes
- Independent alarm indications from each sensor
- PINPOINT alarm detection resolution on perimeter fences

TYPICAL APPLICATIONS

- Any type of Perimeter Fence and barriers (wall,chainlink, welded mesh, ornamental, metal posts, taut wire, barbed wire, etc.)
- Solar Farms and Solar Panels
- Cellular and communication base stations
- Utilities - Water, Gas, Electricity
- Power plants
- Industrial and Military Sites
- Port and Airports
- Border Security

INTEGRATED SITE SECURITY
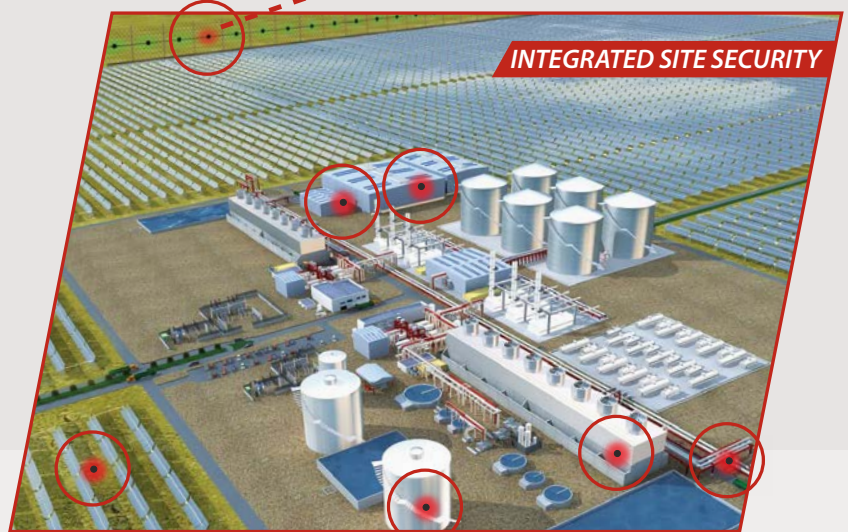
Design by netto design house

HAGOR INDUSTRIES LTD.

- *HUMAN ENGINEERING*
- *ADVANCED DEVELOPMENT*
- *TOP QUALITY*
- *RELIABILITY*

MILITARY EQUIPMENT MANUFACTURING

HAGOR INDUSTRIES LTD.
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Fax: 972-3-9243996
E-mail: michal@hagor.co.il
Web Site: www.hagor.com

Hagor Industries ltd. was established in 1956 and it is a Family-owned company.

Hagor is a major authorized supplier of the Israel Defense Force, Police, Special Anti-Terror Units, Elite military units and worldwide law enforcement agencies.

For more than 50 years **Hagor** is known for its innovative solutions and lifesavings personal gear, Bullet proof vests According to **NIJ STD 0101.04 / 0101.06 offering protection levels IIA, II, IIIA, III, IV, and full range of high performance Body-Armor**.

Hagor is standing on the forefront of the Future- Soldier Specialized gear, offering significant core to the company's vision.

Our experience and Production facilities allows us to produce also all military gear, rucksacks, bags, tents, sleeping bags, etc. According to customer's requirements and specifications as follows:

Protective Bulletproof Vests: Hagor produce numerous models of ballistic vests with protection levels according to customer requirements. Our products are manufactured with the latest high-tech solutions and raw materials.

Combat Harness: single-unit combat harness distributes the weight of combat fighting gear proportionally over the body, providing comfort and greater mobility with maximum load.

Personal Gear: Kitbag, rucksacks, field cots, sleeping bags, etc.

Military Tents: from personal tents up to camp tents, giant tents, Hospital and dining room tents etc.

Versatile Covering: to suit all different types of vehicles, weapon systems, cannons, tanks, SUV etc.

Hagor quality control system complies with the Quality Management Standard ISO-9001-2008, standard and IQnet.

CUSTOM ENGINEERED ARMORED VEHICLES AND BEYOND…

HIGHTECH SYSTEMS LTD.

P.O.Box 65184
Tel-Aviv 6949218, Israel
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Fax: 972-3-6415930
E-mail: ronylr@hslrl.com

■ MRAP Model AMIR

The AMIR is a Mine-Resistant Ambush Protected Platform which provides extreme maneuverability and superior protection, in all environmental conditions, on/ off road. The AMIR platform features a generic design for versatile usage, and has been custom-developed for tough challenges in military service. It offers a maximum speed of 122 km/h with full payload and a maximum gradient of > 60%.

The **AMIR's** structure is based on a Ladder Chassis, and features Permanent All Wheel Drive with a power distribution of 33% to the Front Axle and 67% to the Rear Axle. The **AMIR** has STANAG 4569 Level II protection and Mine Protection Level 1a and 2b. The **AMIR** can support higher protection levels, upon request, assuming extra weight.

The **6X6 AMIR** is the latest addition to the **AMIR** Family. The **6X6** combines the highest level of survivability and mine protection with elements of tactical capability and the advantages of modern combat vehicles.

■ APC Model THUNDER

The THUNDER is a Multi-Purpose 4×4 Armored Personnel Carrier that can carry up to 12 people. The THUNDER combines High protection level with excellent cross country mobility and superior payload of up to 1.8 ton. The vehicle has excellent maneuverability in urban areas and off road terrains. The THUNDER is offered in various applications and can be tailored specifically to the customers' needs.

DO TODAY
FOR TOMORROW

HOY strives to be a professional security project leader in the HLS world as well as in emergency deployment for institutions

HOY2050 LTD.
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Fax: 972-9-8874475
E-mail: yoely@hoy2050.com
Web Site: www.hoy2050.com

Forensic Laboratories

H.O.Y. 2050 specializes in providing solutions and creating concepts for dealing with crime scenes and analyzing them, while providing tools and platforms for keeping evidence, documentation and analysis.

Cyber

H.O.Y. has a cyber defense solution for organizations and governments, which can encompass all various threats, provide immediate tools for the organization without requiring a diagnosis and learning process.

Border Defense

The employees of H.O.Y 2050 have previously dealt in providing solutions to the complex threats found on different borders: sea, land, air and underground.

Our Vision

A leading organization security project-management in the field of homeland security, emergency deployment and business entrepreneurship for state agencies in Israel and around the world.

Smart City

Countless solutions & integrating thousands of sensors and solutions for correct, economical and measurable management of city systems. Progress safely and securely into the 2020s.

Defending Facilities

as well as Oil, Water, Electricity and Gas Pipes

The company has capacities and experience in wide field defense, and it is able to draw defense solutions for the client spanning a wide area.

Emergency Preparedness

Most of H.O.Y. employees have worked in the defense system and have been partners to operations in complex situations both in Israel and in rescue and assistance teams around the world, where they conveyed the combination of new technologies, operation concepts and handling crisis areas.

CYBER SOLUTIONS

ELTA SYSTEMS LTD.
P.O.Box 330
Ashdod 7710202, Israel
Tel: 972-8-8572410
Fax: 972-8-8561872
E-mail: market@elta.co.il
Web Site: www.iai.co.il

NIMBUS **Lawful Interception** **Collection Platform For** **Encrypted Cloud Based** **Services**	・ **Enables Full accessibility to targets' private data** ・ **Effective** – Advanced techniques to overcome the encryption challenge ・ **Invisible** – Retreiving targets'data in a stealthy low signature manner ・ **Efficient** – Periodic retrieval of targets' data, based on a configurable policy ・ **Comprehensive** – **Smart reporting** and data sharing ・ **An open platform that can be expanded with future services**
CONCEPTUS an end to end **Social Media** **and full Web Intelligence** **platform** **End to End solutions**	・ An operational system for **managing virtual entities** in social media **(Avatars)** ・ Enables actual influence and Humint intervention. ・ Multilingual support. ・ Intelligence Services: Providing passive threat intelligence from **open web and dark net.** ・ Bitcoin Analysis: Insight into **Bitcoin transactions** and flows, and the identities behind these transactions
INTELLECTUS **Intelligence Fusion Center**	・ An **end-to-end solution** for intelligence agencies or intelligence units ・ **Dashboards and desktops** tailored to specific domains and users. ・ Convenient and easy accessibility to update and add information to the knowledge base. ・ Designed to be a **supporting platform for the analyst** ・ **Interactive research** framework. ・ Fast access to existing information. ・ Accessibility to external information sources. **Fully compatible to IAI cyber solutions and 3rd party products**
CYBERCELL **A family of cellular solutions** **for Searching, Monitoring,** **Tracking & Intercepting** **cellular phones**	**Combination of Passive and Active interception** systems with location finding capability and denial of service for selective targets **Geo-Location** of Cellular Phones (Passive / Active; DOA / DTOA) **Prioritized** actions according to Target Book: ・ Activity Monitoring ・ Location Finding ・ Denial of Service Interface to other Surveillance sensors Detection of intrusions and suspicious activity
CONDOR **Active and passive tactical** **Wi-Fi interception solution**	・ Generate **access to data traffic of targets** and intercept communications. ・ **Monitor and intercept** various targets – mobile, laptop etc. ・ Gathering target communication information - **call logs, emails, documents, social media** ・ Tactical **active intrusion** into targets' device. ・ **Link analysis** tools on extracted data

FIRST RESPONDERS

ELTA SYSTEMS LTD.
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E-mail: market@elta.co.il
Web Site: www.iai.co.il

RES-Q-CELL
ELK-8950

Mobile phones can provide vital survivor location information to first responders and emergency search & rescue teams. The Res-Q-Cell system delivers high accuracy 3-dimensional geo-location of mobile phones, enabling detection of survivors and casualties buried under wreckage sites. Res-Q-Cell is designed for a wide range of search & rescue scenarios, including post terror attack wreckage sites, earthquakes, war and combat zones, and location of missing persons in urban or remote areas. Res-Q-Cell supports world-wide cellular networks and provides passive and active capabilities. The system detects mobile phones within a predefined area, identifies the mobile phones, supports white list & black lists, and provides highly accurate 3-dimensional Geo-Locations of survivors under the wreckage. The system can be installed on a variety of platforms, including, but not limited to, tactical man-packs, soft vehicles, armored vehicles, tactical aerostats, helicopter and UAV.

TAC4G - Tactical 4G Broadband Cellular Network
ELK-1888

The TAC4G military and para-military broadband cellular network is a secure, encrypted and threat-immune, on-the-move multimedia military network. It enables the battle group to present all sensors and human intelligence in the battlefield on a single, accessible and easy to use hand held or other display unit. The system provides an On-The-Move Local 4G LTE Cloud with Backhaul Capability using a compact "Network-in-a-box" unit which can be carried by the indvidual soldier or in any combat vehicle. The TAC4G provides the combat unit, company or battalion on-the-move advanced broadband multimedia network capabilities.

INTEGRATED BORDER AND COASTAL PROTECTION SYSTEMS

ELTA SYSTEMS LTD.

P.O.Box 330
Ashdod 7710202, Israel
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Integrated Border Protection System
ELI-3350

Protection of homeland borders is a critical priority for every sovereign nation. ELTA's custom-tailored operational solutions guarantee the detection location and targeting of terrorists, smugglers, illegal immigrants and other threats or hostile activities - swiftly and accurately, 24 hours a day. The systems are designed to function in all weather and visibility conditions. A dedicated ELTA Command & Control Center gathers information from a variety of customer selected sensors, including ELTA and IAI manufactured systems. A common Tactical Situation Awareness Picture enables law enforcement units to react in real time and take immediate actions to deter the threat, thus maximizing enforcement effectiveness. Border Protection Systems include movement detection radars, electro-optical sensors, coastal radars, aerostat mounted radars, unmanned vehicles and special mission aircraft - all produced in-house by ELTA and other IAI Divisions.

EZ-Guard Exclusive Economic Zone Protection System
ELI-5500

The ELTA EZ-Guard Protection System is a modular custom-tailored surveillance system designed to support the protection of maritime assets in littoral waters up to 200 nautical miles, otherwise known as the Exclusive Economic Zone (EEZ). The EZ-Guard includes several layers of sensors and systems that together provide a cost-effective solution for persistent surveillance.

Information gathered by the systems' sensors is sent to a Command & Control Center that provides the law enforcement units with a Situation Awareness picture of the maritime theater under their responsibility. The EZ-Guard Protection systems include movement detection radars, electro-optical sensors, coastal radars, aerostat mounted radars, unmanned vehicles and special mission aircraft (produced in-house by IAI Divisions) as defined by the customers operational requirement.

Innovative sensors and advanced command and control systems developed by ELTA contribute to create a powerful, force-multiplier protection system.

HOMELAND SECURITY (HLS)

IMISYSTEMS

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Ramat Hasharon 4711001, Israel
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Fax: 972-3-5486125
E-mail: imimrktg@imisystems.com
Web Site: www.imisystems.com

As a turnkey solutions provider, the HLS Directorate of IMI Systems offers the world's governments, security agencies, public and private corporations fully integrated, state-of-the-art multi-layer and multidisciplinary solutions designed to address their spectrum of evolving requirements.

IMI's comprehensive and holistic security solutions are individually tailored to our customers' specific needs and cover all aspects of advanced equipment, technologies, implementation and continued support. Its services include consulting , know-how, doctrine, methodology, and instruction led by the IMI Academy for Advanced HLS Training, along with each and every solution is based on the directorate's experience and proven capabilities in the following areas

Security
Designed for a global audience, particularly police and public security forces, emergency first responders and search and rescue teams, our solutions are tailored to our customers' needs and specific operational frameworks. Our Security expertise includes the following areas:

- Aviation & Maritime Security
- Critical Site Security
- Cyber & IT Security - an Adaptive Communication Enforcer (ACE) solution for Computerized Based Appliances (CBA)
- Borders & Border Crossings
- Energy Installations and Pipelines
- Mega Events
- Security Force Formation

Public Security
Unique expertise in tailoring comprehensive solutions for public safety challenges, such as:

- Counter Terror
- Public Order
- Search & Rescue
- HLS Centers Establishment

Civil Defense
Effective solutions for handling various civil defense scenarios, including:

- Crisis & Natural Disasters preparedness
- First responders management
- Shelters & Protection

IMI Academy for Advanced HLS Training
A leading training solutions provider for military, law enforcement, government agencies and commercial clients worldwide. The entire range of our diversified training programs can be conducted at the Academy facilities and / or at customer's sites around the world, and may be tailored to meet any specific requests in the following areas of activities:

- Advanced security
- Public Safety
- Counter terror
- Search and Rescue
- Cyber security
- Intelligence
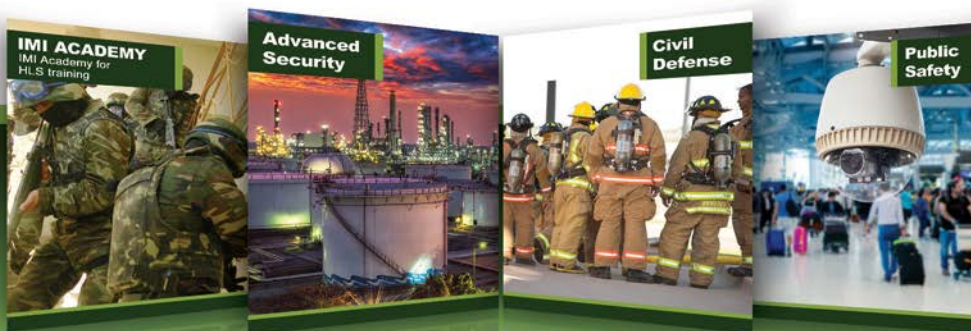
VEHICULAR MODIFICATIONS, COMPONENTS & INTEGRATIONS

SPECIAL TASK VEHICLES & COMPONENTS

INKAS® Israel is a member of a multi-national conglomerate and is comprised of former IDF senior offers, accomplished engineers and security experts. The company's Modification Division provides turn-key technological real-time solutions for various customers and fields. Ranging from worldwide vehicle tracking and force managing tools, encrypted seamless satellite and RF communication video & audio, Bomb & Cell phone Jammers, special Synthetic Vision, innovative Observation systems & automation solutions, to complete and mission-ready tactical vehicles.

- Command & Control Centers
- Signal Jamming Systems
- Medical Vehicles
- Observation Systems
- Bomb Squad / Bomb Disposal Robots
- Riot Control Vehicles

" Smart solutions, proven track record and commitment to security. „

OBSERVATION

SIGNAL JAMMING

COMMAND & CONTROL

CBRNE DETECTION & PROTECTION

IIBR CUTTING-EDGE R&D
LEADING TO INNOVATION

EXPLOSIVE TESTING, DETECTION & IDENTIFICATION KIT

A highly sensitive, simple, rapid and reliable portable micro-laboratory for the detection and identification of explosives.

OBJECTIVES

+ Detection of persons engaged in preparing, handling or carrying explosives.
+ Detection of traces on surfaces.
+ Identification of five main classes of explosives.

OPERATIONAL FEATURES

+ **Simplicity:** designed for non-experts.
+ **Compactness:** weight ~ 400 gr. (16 oz). Also in a mini-Kit version.
+ **Safety:** safe for both operator and suspect.
+ **Long Shelf life:** 1 year shelf life, 2 weeks after opening (at 25°C).

SPECIFIC CAPABILITIES

+ Full range of identification of known military and improvised explosives.
+ Test sensitivity:
  Group A: TNT, Tetryl, TNB, picric acid and its salts=0.1-1 µg.
  Group B: Dynamite, RDX, PETN, nitrocellulose smokeless powder, C4, SEMTEX=0.01-0.1 µg.
  Group C: Nitrate salts=0.01 µg.
  Group D: Chlorates=10 µg.
  Group E: TATP=10 µg.
+ No interference with other forensic tests such as fingerprinting.
+ No false alarms!
+ Rapid results within a few seconds.

Successful use by the Israeli and international police forces, security forces and border patrols.

THE PHYSICAL PROTECTION LABORATORY

IIBR is the only certified research laboratory in Israel in the field of physical protection. We specialize in sorption and filtration processes, including the evaluation, research and development (R&D) of filter canisters, research of chemical agent permeation through protective clothing, and evaluation of protection provided by respirators, overpressure systems, and protective suits.

THE R&D AND EVALUATION ACTIVITIES INCLUDE:

+ Filters, gas masks, hoods and protection clothing using special chambers.
+ Evaluation using chemical warfare agents (nerve & blistering), hazardous materials and Toxic Industrial Contaminants (TIC).
+ Activated-carbon evaluation and research.
+ Evaluation and research of the aging of protective equipment and the possibility of extending its shelf life.
+ Permeation through polymeric and carbon-based barriers.

www.ispraltd.com

Founded in 1969, ISPRA is a global leader in developing, manufacturing and marketing of Less Lethal devices for riot control, crowd management, anti terror equipment and police gear.

ISPRA - LESS LETHAL

By combining our technical knowhow with practical field experience, ISPRA manages to deliver smart Less Lethal solutions to its clients, helping them deal with the growing challenges of crowd management. ISPRA's Innovative product line has kept us in the forefront of Less Lethal ammunition throughout the years. We are developing today smart solutions for the problems of tomorrow.

SMART SOLUTIONS For CROWD CONTROL

ISPRA - ADVANCED RIOT CONTROL SYSTEMS

CYCLONE™
Riot Control Drone System

Utilizing latest Drone technologies, ISPRA's Anti-Riot Drone provides law enforcement units with an extremely large range mode of work, enabling them to react against rioters and demonstrators at an early stage of the event, at a distance while avoiding direct confrontation with rioters.

THUNDERSTORM
MBL12 Multi Barrel Launcher

Multi Barrel Launcher (MBL) delivers long range intensive force of non-lethal means in a short time. MBL systems can be mounted on a vehicle, providing mobility as well as the ability to carry a significant amount of ammunition.

ISRAGOR PROTECTIVE GEAR & SYSTEMS

ISRAG⬡R

ISRAGOR PROTECTIVE GEAR & SYSTEMS LTD.
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Fax: 972-9-7493834
E-mail: isragor@zahav.net.il

ISRAGOR Ltd has become a leader in development, manufacturing and marketing Protective vests due to a synergy of advantages including practical Experience and the utilization of development and manufacturing technologies.

ISRAGOR utilizes the most advanced forms of ballistic materials.

ISRAGOR products are custom made, adding Value to the product, relative to its price.

ISRAGOR has developed expertise in the manufacturing of protective vests for V.I.P. anti terror, seals, s.w.a.t. teams paratroops from level I up to IV.

ISRAGOR manufactures its products in Israel in accordance with the standards stipulated by the I.D.F yet has the flexibility to meet customer specifications.

ISRAGOR manufactures military gear such as: battle vests, Bags, Tents, dry storages systems etc... and facilitates all stages Involved in supplying them.

ISRAGOR has the power to be your liaison to the Israeli military industries as well.
For any of your requirements contact us.

We keep a supply of tents for immediate shipment, in case of emergencies such as floods, earthquakes etc.

Gendarme Vest	**Tactical Anti Terror Vest**
Pasgat Vest	**V.I.P Vest**
Combat Harness	**Police Vest**

BRIDGING THE GAP BETWEEN REQUIREMENTS AND TECHNOLOGY WORLDWIDE

KARIL INTERNATIONAL MARKETING LTD.

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Herzliya 4614002, Israel
Tel: 972-9-9568212
Fax: 972-9-9568141
E-mail: karil@mistralgroup.com
Web Site: www.karil.com

Karil International is a member of the Mistral Group; a team of independent companies, each operating in different markets worldwide, while collectively sharing the mission of Bridging Strategic gaps in defense and law enforcement markets with practical and innovative technology. Our trusted relationships allow us to connect our customers' operational needs to our world's most advanced technologies.

Karil's activities are in the fields of **Tactical ground platforms, C⁴ISR, Dismounted Soldier, Combat Engineering EOD**. Karil also offers products in the fields of **Underwater Navigation Systems, Omni-Vision Systems, Wet Chemistry Detection Solutions and Blast Containment Vessels.**

Wet Chemistry Detection & Identification

Drugs, Explosives & Forensics

Blast Containment Vessels

Semi & Fully confined w & w/o Repeatable detonation w & w/o Gas tight

Underwater Systems

Omni-Directional Vision

- Continous 360° stitching Day Night
- Fusion
- VMD
- Real Time
- Any Vehicle

GOVERNMENT SUPPLIER FOR TAILOR MADE TEXTILE SOLUTIONS

All products can be modified according to customer needs

KNOLLTECH LTD.
P.O.Box 108
Azor 5819002, Israel
Tel: 972-3-5585568
Fax: 972-3-5501601
E-mail: office@knolltech.com
Web Site: www.knolltech.com

KNOLLTECH LTD FACTS:

- IDF & Israeli Ministry of Defense Supplier since 1994.
- Company Services: Design & manufacture advanced textile Products Integrating metals, rubber & plastic.
- Manufacture and Design Products Integrating Advanced textile, metals, rubber, plastic technology & Technical Writing Services.
- Cost effective solutions, R&D division working with advanced materials such as Aramids, Kevlar® and other materials.
- Operates under the ISO 9001:2015 standards & Holds ″an A″ military quality control standard since 2004.
- Among our Customers: National defense forces, government offices such as police, fire department, national medical mission units and the IDF.

WHY OUR TENTS?

Our Tents key features:
- Large sizes and flexibility
- Fast and easy deployment
- Lightweight, enabling easy transportation
- Resistance to extreme climate conditions: Snow, cold and heat
- Highly Durable
- Advanced light materials
- Fire resistance
- HF welded fabrics
- High resistance fabrics and bands

DRY STORAGE SHELTERS

Humidity Control & Micro Climate Solutions Design and manufacture custom made dry storage solutions to prevent Mold, Damp, Rot, & Rust and to avoid deterioration and damages.

Our Solutions:

Dry Storage solutions, Temporary Shelters, Textile Defense Solutions, Military Tents, Field Hospital Tents, Rapid deployment tents, Multipurpose Tents, manufacturing Advanced Textile Solutions, Dehumidifiers, Custom Design Ac units Emergency response, Earth quakes & Fluids, Refugees shelters and more.

LDS - INNOVATIVE PORTABLE DETECTION SYSTEMS

LDS LASER DETECT SYSTEMS

LASER DETECT SYSTEMS (2010) Ltd.
5 Granit St., P.O.Box 3359
Petah Tikva 4951623, Israel
Tel: 972-3-9705000
Fax: 972-3-6054566
E-mail: info@laser-detect.com
Web Site: www.laser-detect.com

B-SCAN
**Bottle Liquid & Powders
Laser Base Scanning Station**

B-SCAN

is a high sensitive Raman Spectroscopy desktop inspection station, offering an effective solution for inspection of liquids and powdered materials, suspected as explosives, narcotics or other hazardous materials.

I-SCAN
**IMS Hand-Held
Trace & Vapors Detector**

I-SCAN

designed to detect trace quantities of low-volatile organic substances, LDS' I-SCAN provides a handheld sensor, simultaneously detecting explosives, drugs and toxic substances in the air around controlled objects, on the surface of different objects or on fingers and clothes.

G-SCAN^{PRO}
Hand-Held Laser Detector

G-SCAN^{PRO}

cutting edge laser hand-held Portable Raman Spectroscopy Detector provides law enforcement, military and security agencies a powerful sensitive, low false-positive and low false-negative tool for detecting a wide-variety of explosive substances and suspicious drugs in forms of liquid, bulk or powder.

SPHERE™
Comprehensive Integrated Inspection System

SPHERE™

is a comprehensive, integrated array of inspection and detection systems providing security forces the ability to rapidly deploy and effectively detect explosives materials and narcotic substances in the field.

R-SCAN
Remote Stand-Off Laser Scanner

R-SCAN - Remote Scan

LDS Remote Scan (R-Scan) line of products presents a new approach in remote standoff explosives detection of Improvised Explosive Devices (IED's).

LIOR TEXTILE INDUSTRIES LTD.
Protecting People™*since 1976*

LIOR TEXTILE INDUSTRIES LTD.
P.O.Box 11, Dora Ind. Zone
Shlomi 2283201, Israel
Tel: 972-4-9808815
Fax: 972-4-9808816
E-mail: info@lior-protective.com
Web Site: www.lior-protective.com

Standards:
NIJ Standard, HOSDB
NFPA, CGSB, NSN, ASTM,
IDF Mil-spec, US Mil-std.

Quality Assurance:
- ISO 9001:2008
- "Level A" of the Israeli MOD

For the last 40 years, LIOR has been a licensed vendor of the I.D.F,
Israel Police & special anti-terror units.

Areas of Activity
Development, Design, Manufacture & global marketing of personal protective gear:

- Body armor for the army, police & V.I.P use.
- Ballistic shields & Inserts.
- Ballistic helmets.
- E.O.D - Bomb Suits.
- Tactical Vests.
- Anti-Riot Systems.
- CBRN protective suits & Coveralls.
- Extended Cold Weather Clothing System (ECWCS).
- Backpacks & Carrying systems.
- Fire brigade suits, Nomex pilot & tanker coveralls, underwear.
- Work wear outdoor clothing: including reflective rain suits.
- Inflatable tent & stretcher.
- Dry storage solutions.

Carrying systems

Body Armors
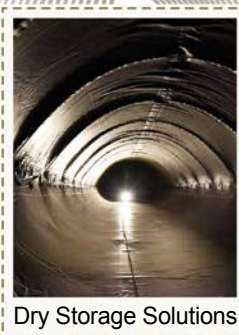
Dry Storage Solutions

Anti-Riot Systems

CBRN Clothing

MAROM DOLPHIN LTD.

Advanced Tactical Solutions

Marom Dolphin Ltd., founded in 1993 develops, manufactures and markets top quality personal military supplies for armed forces, police units, security services and civilians around the world.

Each of the founders of **Marom Dolphin Ltd.** comes from an army combat background having served in different fighting units in the Israeli Defense Forces (IDF). Together, we are a dynamic and flexible team. Combining our knowledge and experience, we have dedicated ourselves to developing safe, ergonomic products essential for any and all security tasks. The wide range of military and security products are of the highest quality and meet the demands of all service standards.

Our products are manufactured and tested in accordance with the Quality Assurance standards of military forces world wide, as well as in strict adherence to ISO 9002 Standards, awarding them worldwide recognition for their high quality and durability.

Among our customers are military, paramilitary, law enforcement and security organizations across the globe. We are the main authorized supplier of tactical and bulletproof vests to the Israeli Military and to the Israeli Ministry of Defense, as well as many other customers, world wide.

Marom Dolphin Ltd. maintains the highest manufacturing standards in strict adherence to ISO 9001:2015 international standards.

CREATING
A SMARTER FUTURE

Smart, Safe & Cyber
Secured HLS Solutions

MER GROUP
5 Hatzoref St.,
Holon 5885633, Israel
Tel: 972-3-5572529
Fax: 972-3-5580282
E-mail: info@mer-group.com
Web Site: www.mer-group.com

SMART HLS

SMART & SAFE CITY

INTELLIGENCE

EMERGENCY SITUATION MANAGEMENT

FIRST RESPONDERS COMMUNICATION

SMART CYBER

24/7 REAL-TIME SYSTEM KEEPS CRITICAL FACILITIES & NATIONS SECURE & PROTECTED

mPrest
CONNECTING THE DOTS
P.O.Box 3027
Petach-Tikva 4970602, Israel
Tel: 972-7-32166666
Fax: 972-7-32166636
E-mail: info@mprest.com
Web Site: www.mprest.com

mPrest is a global provider of mission-critical monitoring, control and big data analytics software. Leveraging vast field-proven Industrial IoT experience, our integrative system of systems is deployed in diverse applications including Defense, HLS, Power and Water Utilities, Smart Cities and more.

mPrest excels at connecting the dots across multiple disciplines - delivering a unified situational awareness, sophisticated analytics, and end to end IT/OT integration and process management. Featuring advanced big data analytics and real-time data optimization, mPrest seamlessly integrates to any existing system. This improves overall system performance while lowering project deployment time, Total Cost of Ownership (TCO) and risk.

We remain committed to our customers, strategic partners, systems integrators (SIs) and enterprises worldwide, providing innovative solutions to meet their every need.

We cater to the following market segments:

- **Defense:** Strategic and tactical Command and Control for air defense, sea and coastal defense and ground defense
- **Homeland Security:** Critical facilities, borders, coast guard, airports, seaports, gas and oil, safe cities and more
- **Industrial IoT:** Internet of Energy for power utilities as well as smart cities, smart buildings, connected cars, smart agriculture and more

Our flagship projects span across Asia, Africa and Latin America:

- ✓ World-renowned "Iron Dome" active defense system
- ✓ Air defense, seaport and tactical army Command and Control
- ✓ Mobile Command and Control for the federal police
- ✓ Critical facility protection for power utilities at IEC (390 sites)
- ✓ IoT asset management and critical facility security and safety management
- ✓ Oil and gas facility protection

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HOMELAND SECURITY AND PUBLIC RESILIENCE

Perimeter & Border Protection

Dune
Deployable earth-filled defensive barriers

Shark
Versatile, rapid response observation and sniper bullet proof tower

Mantis
Multipurpose, self-rising, mobile, B.P. high elevated autonomous combat post

HDF
Heavy Duty Fence

Disaster Area Relief Equipment

First Responder Equipment & Solutions

MVB Trailer
Modular Vehicle Barrier delivery kit

MSC
Multipurpose Bulletproof security containers

MBS
Modular NBC, B.P./light rocket/mortars protected mobile shelter

All weather Shelter
Mobile, Temporary Housing & Infrastructure

Airport & Harbor Perimeter Physical Protection

Temporary Physical Protection & Crowd Control Equipment

MBP Vessel Protection
Modular ballistic protection system

MFS
Mobile and Modular fence system

MVB/Carmen
Modular Vehicle Barrier

Access Control
Secure Screening Module

Anti Piracy - Equipment & Training

Guard Post
Bulletproof mobile guard post

Container Security & Tracking Solutions

Millennium
Multi-purpose, bullet proof & 360° vision combat post

Cold Break-in Retrofit & Bulletproof Protection

Physical Protection
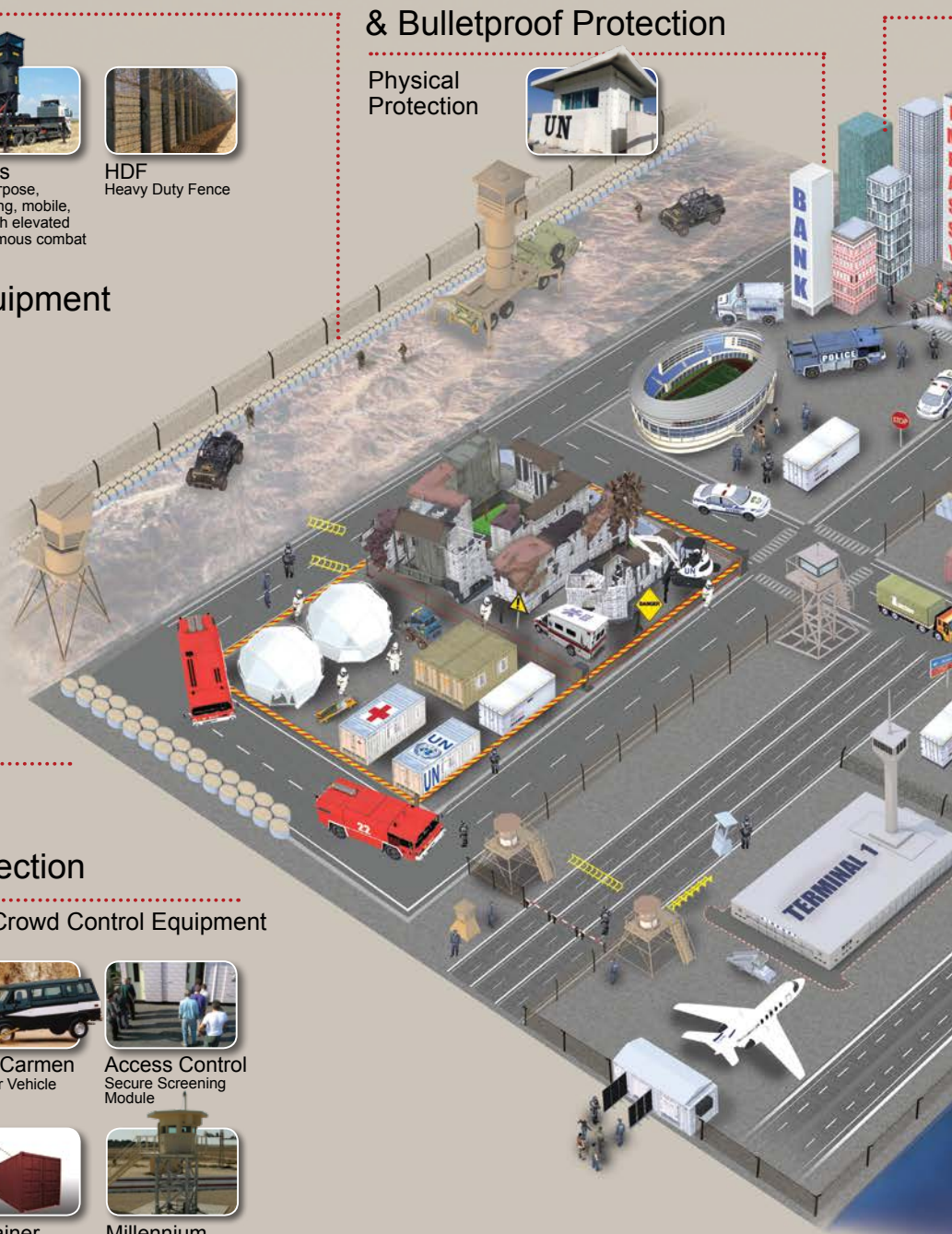
Urban & Residential Physical Security Solutions

City Burglary & HLS Security Equipment. Riot Control Equipment
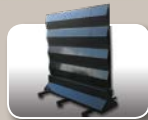
Phalanx
A mobile & modular ballistic protection system

IMPS
Indoor Modular Protection system, B.P. and against direct impact from high trajectory weapons

Scarlet
Portable and flexible VIP protection

Bank Protection
For Banks and Financial Institutions

ESR
Expandable Safe Room

ResCube
Indoor foldable protection system

Safe City
CCTV Cameras

Non-Lethal Riot Control

Gabriel
Fully-protected (NBC & Bullet-proof) autonomous, mobile Command and Control shelter

MIFRAM SECURITY
BUILD TO PROTECT
Since 1962

Risk Assessment
• Fact Finding + Analysis = Risk Assessment
• Reference Scenarios
• Contingency Plans Based on Reference Scenarios
• Prevention, Preparedness, Response, Rehabilitation, Reconstruction & Recovery

Industrial Area, Critical Infrastructure & Physical Protection

Business Continuity & Risk Assessment

Dry Storage
Humidity controlled dry storage facilities. Save maintenance costs and be ready for the moment of truth

Check Post
Added protection against suicide bombers

Fire, Blast & Impact Resistance System

Ballistic Protection for Government Buildings

Sentinel
Lightweight, prefabricated observation tower

The "MVB"

MODULAR VEHICLE BARRIER

A quick to assemble, light weight portable vehicle barrier.
Unique Design & Capability
Police, Anti-Terror Units, Armed Forces, Commercial Security
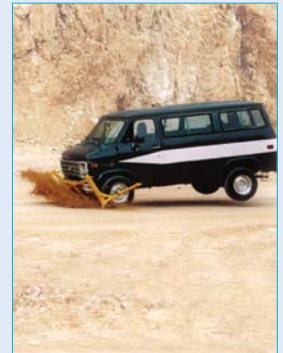
The MVB is a light weight, steel, modular barrier that is fully portable. Its unique design help block and prevent unauthorized ramming vehicles entry by tending to transfer the vehicles forward horizontal momentum vertically towards the ground.

Advantages:
- Quick assembly to respond to immediate threats
- Portable
- Flexible length - add segments according to road width
- Resistant to anti-spike wheel protection
- Easy storage
- Low maintenance costs

Quick Assembly:
Barrier segments are light enough to carry. Can be assembled quickly without the need of tools or any special training. Enables security personnel to respond to immediate threats in wide range of locations and scenarios.

Unique Impact Momentum Transfer:
Its special and unique design tends to transfers the forward impact momentum of a charging vehicle vertically and downwards towards the ground.

Flexible Length:
Because the MVB consists of separate units that are assembled and locked together, it can be constructed into almost any length and deployed on even very wide roads.

Wheel Protection:
Because the MVB relies on the unique patented momentum transfer of the charging vehicle and not on destroying or flattening the tires, wheel protection is ineffective against it.

Easy Storage:
Foldable separate units can be easy stored, saving space and enabling easy access for future use.

Low Maintenance Costs:
Once folded and stored, no special maintenance required contributing to lower costs.

Features:
- Can be used on almost all surfaces & most effective on gravel
- Barrier effectiveness can be increased with the use of ground anchors
- The barrier can be compactly stored enabling easy transport by car or trailer
- MVB's standard yellow can be changed to others colors at client request
- All parts are identical and therefore interchangeable and useable with other MVB's at different locations

Technical Specifications:
- Dimensions (single unit) length - 100cm (40"), width - 8cm (3"), height - 70cm (27")
- Weight (single unit) 20kg (44lb)
- Safety lighting and signs
- Assembly/Disassembly instructions manual

Add-ons:
- Anchoring devices
- Carrying bags
- Transport trailer

The ResCube

IPS- INDOOR PROTECTION SYSTEM

Expandable Shelter
Opens Manually in Just Minutes!

MIFRAM LTD.
6 Josef Levi St., P.O.Box 1165
Ind. Zone Kiriat Bialik
Zur Shalom 2711101, Israel
Tel: 972-4-8808800
Fax: 972-4-8745745
E-mail: sales@mifram.com
Web Site: www.miframsecurity.com

Does your home lack adequate shelter protection?
Are you worried about rocket attack, break-ins, severe weather?

If building a standard concrete shelter is not possible, then **ResCube** is the perfect solution - 3 work days and your home is equipped with an unfolding shelter.

ResCube is an unfolding steel shelter that provides you and your family added protection

During Peacetime:
Remains folded position against wall taking up very little space.

During Emergencies:
Get a shelter for your family within minutes.

ResCube For:
- Blast and Fragment Protection
- Forced Entry/Home Invasion
- Terror
- Rockets
- Severe Weather
  Chemical and Biological Threats
  (when fitted with CBNR Internal envelope)

ResCube

- *Designed by Mifram ltd.*
- *Approved by the RAFAEL Advanced Defense Systems ltd.*
- *Manufactured according to ISO 9001:2008.*

The Scarlet

V.I.P PROTECTIVE BULLETPROOF SHIELD

MIFRAM LTD.
6 Josef Levi St., P.O.Box 1165
Ind. Zone Kiriat Bialik
Zur Shalom 2711101, Israel
Tel: 972-4-8808800
Fax: 972-4-8745745
E-mail: sales@mifram.com
Web Site: www.miframsecurity.com
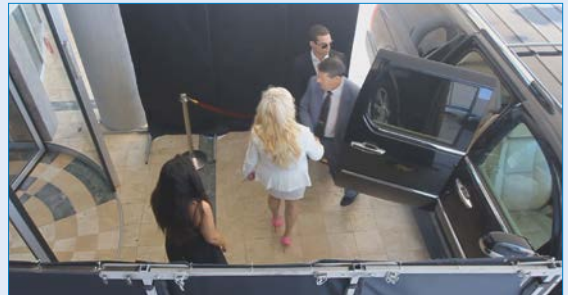
Light weight and quickly assembled multi-purpose protective kit. Enables rapid deployment of a ballistic "protective wall", flexible allowing configuration changes according to specific site requirements. Meets NIJ III - standard for ballistic resistant body armor.

Features:

- Multi-purpose
- Rapid assembly
- Ideal for fluid protection conditions
- Added protection for VIP leaving or entering building
- For rapid added fortification of rooms and windows
- Can be used in airports
- Convert vans into "amored vehicles"
- Light weight, mobile, modular

Added Benefits:

- Easy to transport
- Comfortable to carry
- Quick assembly - just two elements
- Quick dismantling

SPECTRUM DOMINANCE SOLUTIONS FOR HOMELAND SECURITY

Netline Communications Technologies (NCT) Ltd. develops and manufactures cutting edge electronic countermeasures and spectrum dominance solutions for the global homeland security market. Netline provides turnkey solutions, tailored to customer requirements with almost two decades of operational experience

C-IED & COMMUNICATION JAMMING (COMJAM) SOLUTIONS

Netline offers robust Active/ Reactive/ Hybrid counter-IED & COMJAM systems, targeting U/VHF, Cellular, GPS, satellite, Wi-Fi/Bluetooth, walkie-talkie and all other wireless communication frequencies from 20-6000MHz. Solution types include rack, rapid deployed, trolley/briefcase, ManPack and UAV payload systems for fixed installations and portable land, sea and air missions to protect critical infrastructure, governmental buildings, correctional facilities, VIPs, and borders. Netline jamming techniques are unique, focussing jamming power exclusively on the targets.

Netline's DroneNet provides a complete counter drone solution to detect, identify, locate and mitigate the threat of hostile drones. Netline jammers can modify jamming frequencies in real-time, according to the specific drone type and specific communication channels. Netline integrates third party systems as needed.

COMINT & SIGINT SOLUTIONS

Netline offers sophisticated Intelligence solutions that integrate various capabilities: spectral analysis, signal classification & demodulation, cell phone monitoring and location vectoring. Netline also offers active ruggedized, tactical, versatile Interception systems with direction finding and location capabilities that support 2G, 3G & 4G. COMINT & SIGINT solutions are designed for military and HLS applications.

PRISON SOLUTIONS

Netline offers a variety of communication jamming, detection and cellular managed access systems for correctional facilities market worldwide. Jamming solutions provide highly reliable 24/7 inhibition of cell phones, satellite phones, Wi-Fi, Bluetooth and other communication standards. Extensive experience with systems designed for minimize jamming "spillover" outside prison perimeter.

CELLULAR & WIRELESS SECURITY SOLUTIONS

Netline's RF detection solution provides 24/7 Information leakage detection. The solution provides intuitive monitoring and alerts of potentially hostile communications as well as unauthorized use of radio frequencies by cyber, cellular and other information threats in sensitive compartmented information facilities. Netline offers a wide range of frequency coverages and scalable systems, suitable for large facilities.
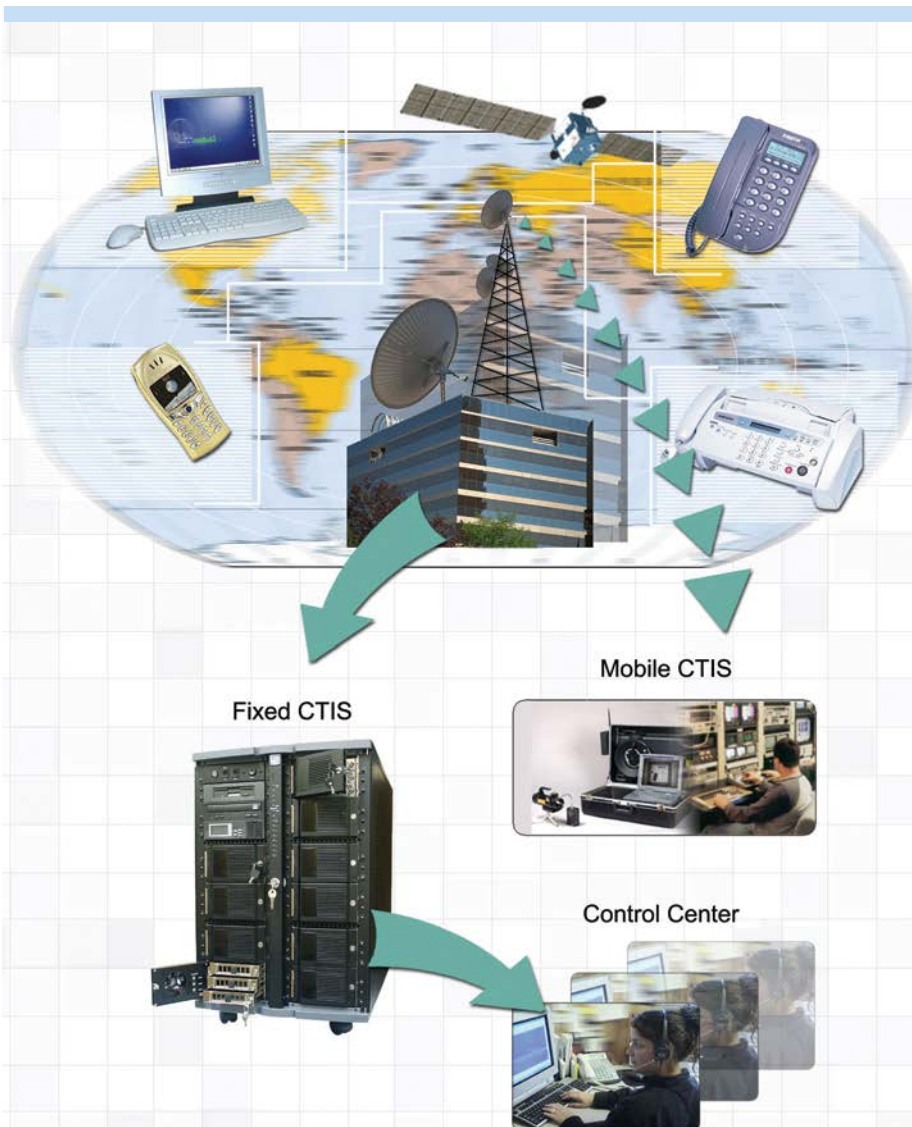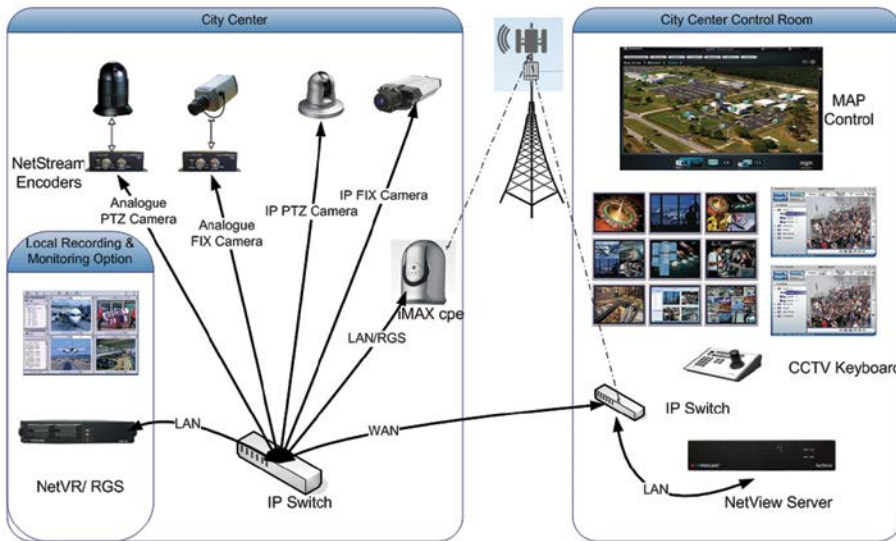
HAVE AN EAR
IN THE RIGHT PLACE

MIPHA INTERNATIONAL LTD.

MIPHA INTERNATIONAL LTD.
8 Har Nevo St.,
Ramat Hasharon 4722508, Israel
Tel: 972-3-5402403
Fax: 972-3-5490931
E-mail: mipha@mipha.co.il
Web Site: www.mipha.co.il

CTIS -
COMPUTERIZED TELEPHONE INTERCEPTION SYSTEM

MIPHA offers a variety of solutions that can meet needs of government agencies, military intelligence, police forces and security services to supervise and intercept all telecom & IP solutions, lawful interception, intelligence gathering, cellphone location tracking and data mining.

We also offer an advanced intelligence inference system for link analysis and inferring intelligence from information coming from different data bases.

These technologies have become crucial nowadays in homeland security in the struggle against terrorism and crime.

SURVEILLANCE AND COUNTER SURVEILLANCE SYSTEMS

- DATA CRYPTOGRAPHY, PKI and DIGITAL SIGNATURE TECHNOLGY for information and data security
- VOICE/FAX, CELLPHONE & SMART-PHONES ENCRYPTION to secure telecommunication lines
- DATA RECOVERY, passwords recovery, forensic services to discover improper computer use
- VOICE ANALYSIS SYSTEM as an investigation tool, access control and reliability tool
- COMMUNICATIONS Jammer to avoid misuse of cellphones and use of any radio transmissions as a monitoring and transmitting device to protect cars or VIP public appearance from detonating a remote controlled bomb
- COUNTER SURVEILLANCE checks at customer's premises in order to detect eavesdropping, bugging, commercial & industrial espionage, etc.

MIPHA INTERNATIONAL LTD. is licensed by the Israeli Ministry of Defense to handle international sales of intelligence equipment, consulting in the field of security, including surveillance and counter-surveillance, courses, training and equipment.

HIGH TECHNOLOGY FOR YOUR SECURITY

MIPHA INTERNATIONAL LTD.

MIPHA INTERNATIONAL LTD.
8 Har Nevo St.,
Ramat Hasharon 4722508, Israel
Tel: 972-3-5402403
Fax: 972-3-5490931
E-mail: mipha@mipha.co.il
Web Site: www.mipha.co.il

MIPHA offers you advanced, state-of-the-art technologies for your security needs such as:

- Homeland Security
- Law Enforcement Technologies
- AUS&R Autonomous Unmanned Systems & Robotics, Aerial Ground and Marine
- Information Security, PKI and Digital Signature Technology
- Encryption and Telecommunications Security
- Surveillance and Counter Surveillance
- Borders, Perimeter, Safe & Secure City, Pipelines and Sites security & surveillance
- Biometric Identification Systems (vein, face, voice, etc.)
- Jammers to avoid cellphone misuse (communication, eavesdropping, bomb detonation, etc).
- Access, License Plate Recognition (LPR)
- Covert operations - Tapping, Video Capturing

SAFE & SECURE CITY - Wire and Wireless Surveillance System

MIPHA INTERNATIONAL LTD. is licensed by the Israeli Ministry of Defense to handle international sales of intelligence equipment, consulting in the field of security, including surveillance and counter-surveillance, courses, training and equipment.

Face Recognition

License Plate Recognition

Vertical take-off and landing UAV

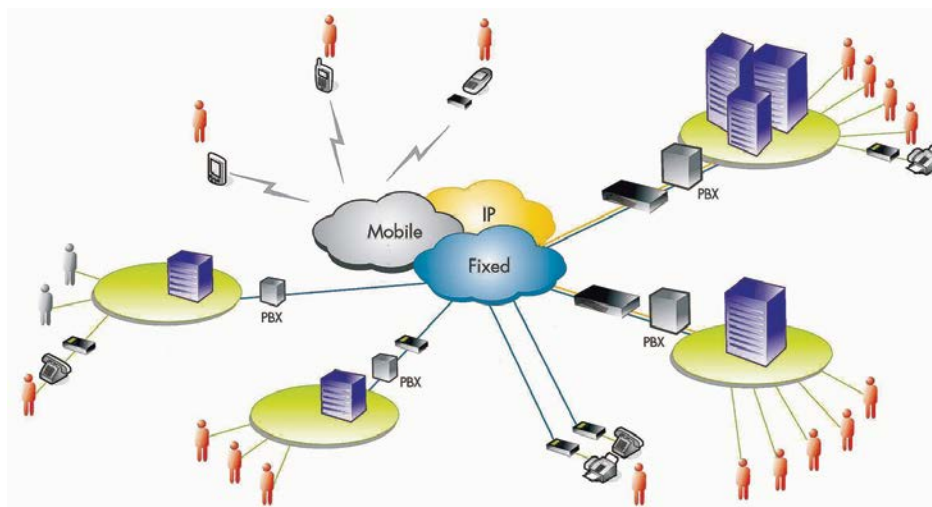# SURVEILLANCE & COUNTER-SURVEILLANCE

MIPHA INTERNATIONAL LTD.

8 Har Nevo St.,
Ramat Hasharon 4722508, Israel
Tel: 972-3-5402403
Fax: 972-3-5490931
E-mail: mipha@mipha.co.il
Web Site: www.mipha.co.il

Secure Your Assets & Protect Your Privacy

Whether to counter state threats like terror and crime, or to counter commercial and industrial espionage, you need experts to provide you with consultancy, solutions, threat assessment, risk analysis and of course state-of-the-art technologies.

Mipha International Ltd. specializes in the field of surveillance & counter-surveillance; providing consultancy services, planning & performing to governments as well as the private sector (industry, banking and other businesses).

Mipha's qualified management & personnel have vast experience in the fields of intelligence, counter terrorism and security.

Encryption network

MIPHA INTERNATIONAL LTD. is licensed by the Israeli Ministry of Defense to handle international sales of intelligence equipment, consulting in the field of security, including surveillance and counter-surveillance, courses, training and equipment.

We offer:

- Professional survey and consultancy in risk analysis and threat assessment
- Counter surveillance checks at customer's premises in order to detect eavesdropping, bugging, commercial & industrial espionage, etc.
- High-end technologies for information & data security (cryptography, PKI, Digital Signature)
- Biometric identification solutions (vein, face, voice, etc.)
- Encryption of telecommunication lines (point-to-point up to multipoint & PBX's). Encryption of cellular communication, smart-phones, etc.
- Electronic jamming of communication including cellular phone for protection against remote activated explosive charges for use in military, Special Forces and VIP protection, as well as unauthorized use of cellphones
- High-end surveillance methods and systems
- Data Recovery as an investigation tool and forensic applications
- Voice analysis as an investigation tool and Access Control System

NIRTAL
TRAINING AND SUPPLY
OF COMBAT EQUIPMENT LTD.

**NIRTAL TRAINING & SUPPLY
OF COMBAT EQUIPMENT LTD.**
10 Moshe Aviv St.,
Or-Yehuda 6037132, Israel
Tel: 972-73-2262753
Fax: 972-3-6341176
E-mail: nirtal@nirtal.com
Web Site: www.nirtal.com

NIRTAL is a Global Homeland Security Expert Provider Since 1995.
Nirtal provides Combat Training & Equipment for:
- Law Enforcement & Military.
- Counter-Terror.
- Intelligence.
- Executive protection.
- Private & Commercial Sectors.

Nirtal is staffed by experienced officers from the ranks of elite Israeli Defense Forces of anti-terror and Special Forces units.
Nirtal is an international forerunner in the provision of security solutions.
Nirtal covers all aspects of security: consulting, training services, acquisition and provision of advanced technology systems all Combining to provide comprehensive
Solutions, custom made for each individual client.

Nirtal's Main Expertise:
- Anti-terror & Anticrime.
- Operational training.
- Armed forces training: Special Forces & regular infantry units.
- V.I.P. & Executive Protection training.
- Supply of various advanced technology systems, (interception, jamming, surveillance, ballistic protection, bomb disposal, explosive detection technologies et al).
- Security combat equipment.
- Spy & anti-spy equipment, investigation and detection equipment.
- Security consulting and training using the most advanced techniques.
- Technologies and combat experienced instructors.
- All aspects of Airport and Aviation, Seaport & Maritime Security.
- Petroleum & Natural gas pipeline infrastructure security.
- Security in the private sector Banking.
- Public transportation.
- Public institutions.
- Surveillance and counter surveillance courses, training of police units for special assignments.
- Crowd control and event management.
- Prison enforcement, special units and technologies.
- "K9"-Task Dog training: explosive and drug sniffing and guard dogs.

Nirtal's technology division provides the most advanced Israeli and worldwide technological Systems, security solutions and combat equipment.
Nirtal has been operating internationally since 1995 in numerous countries around the world.
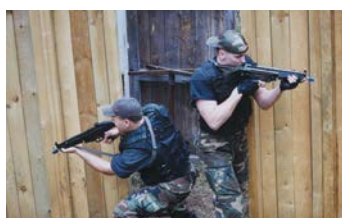
NOGA EINAT
ARMY DIVISION

NOGA-EINAT SHOE INDUSTRIES LTD.
Kibbutz Givat Hashlosha
4880000, Israel
Tel: 972-3-9030150
Fax: 972-3-9030151
E-mail: info@nogaeinat.co.il
Web Site: www.nogaeinat.co.il

A major supplier to the Israel Defense Forces, Noga-Einat offers a spectrum of professional footwear for military and para-military uses. Throughout seven decades of serving armies, police forces, Special Forces, anti-riots and anti-terror units worldwide, and while drawing on its close working relations with the R&D unit of the Israel Defense Forces, the company succeeded in developing a constantly improving product line of comfortable army boots and working shoes especially designed to endure extreme conditions. Thanks to using top-quality materials and careful engineering, Noga-Einat also provides customized products for specific special requirements.

Noga-Einat's products are all composed of leather/canvas uppers have non-woven, anti-perspiration leather insoles and nitrile rubber/polyurethane soles. Most models offer optional fittings such as double-density soles, special removable insoles, built-in air cushioning, fur lining, etc.

All of the company's footwear range meet or surpass the requirements of the IDF and of other armies and meets the European standards. The company collaborates with the best manufactures.

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ADVANCED JAMMING SOLUTIONS

PHANTOM TECHNOLOGIES LTD.

68 Amal St.,
Petach Tikva 4951366, Israel
Tel: 972-3-9215720
Fax: 972-3-9215434
E-mail: sales@phantom.co.il
Web Site: www.phantom.co.il

Company Profile

Since 1996, Phantom Technologies Ltd. has specialized in developing and manufacturing special Jamming systems for both cellular and RF communication bands.

Phantom Technologies Ltd. employs a highly skilled and qualified R&D team to engineer high-end jammers, using the most advanced components available.

We design custom jamming systems and supply to the I.D.F, special police forces, prison authorities, special protection groups, elite units, VIP protection, local authorities etc. Our customers highly value the reliability and quality of our products.

Phantom Technologies Ltd. provides excellent post-sale technical support and provides a full 12-month warranty on all products.

Our main solutions include:

- Cell Phone Jammers
- RF Communication Jammers
- RF Components (Power Amplifiers and antennas)
- Counter Surveillance Equipment

JAMMING AND INTELLIGENCE SOLUTIONS COMBINED FOR BETTER SECURITY

PHANTOM TECHNOLOGIES LTD.
68 Amal St.,
Petach Tikva 4951366, Israel
Tel: 972-3-9215720
Fax: 972-3-9215434
E-mail: sales@phantom.co.il
Web Site: www.phantom.co.il

Drone Detection and Jamming system

Combined RF and Radar detection system enables the system to detect and jam drones even as far as 4km. The system disables drones and causes them to drop to the ground.

Jamming and collecting intelligence from prisons

Phantom provides both jamming solution only against smuggled cellular devices and also a managed access approach that allows prison authorities to control illegal phones communications for obtaining valuable intelligence controlled or cellular device triggered IED's.

Convoy Jammers

Provide a unique jamming solution for militaries and VIP's alike. The convoy jammers protect against IED's and other types of harmful communications. Jamming suite can be adjusted to various form factors as well as different RF environments.

PICSIX
## *The Perfect Interception*

PICSIX LTD.
41 HaMeyasdim St.,
P.O.Box 6006
Even Yehuda 4051113, Israel
Tel: 972-9-8911202
Fax: 972-9-8911202
E-mail: sales@pic-six.com
Web Site: www.pic-six.com

PICSIX is a designer and manufacturer of interception and counter interception products and solutions. We produce compact passive interception systems that offer the greatest capacity and performance in the market, state of the art active interception systems and unique and sophisticated "Synchronous Transmission" solutions geared to manipulate cellular networks key parameters. In addition we pioneer a line of counter interception equipment designed to detect, locate and sabotage active interception systems in the near vicinity.

PICSIX LIBERTY is an Intelligence data fusion system based on Picsix's unique suit of SIGINT and COMINT interception capabilities that facilitates the integration of tactical and semi-strategic intelligence gathering capabilities. Raw data, once captured, are fed into the Big data/Link Analysis engine which cross correlates with government databases, open source intelligence, Geo-location and voice recognition in order to give a comprehensive solution for any need.
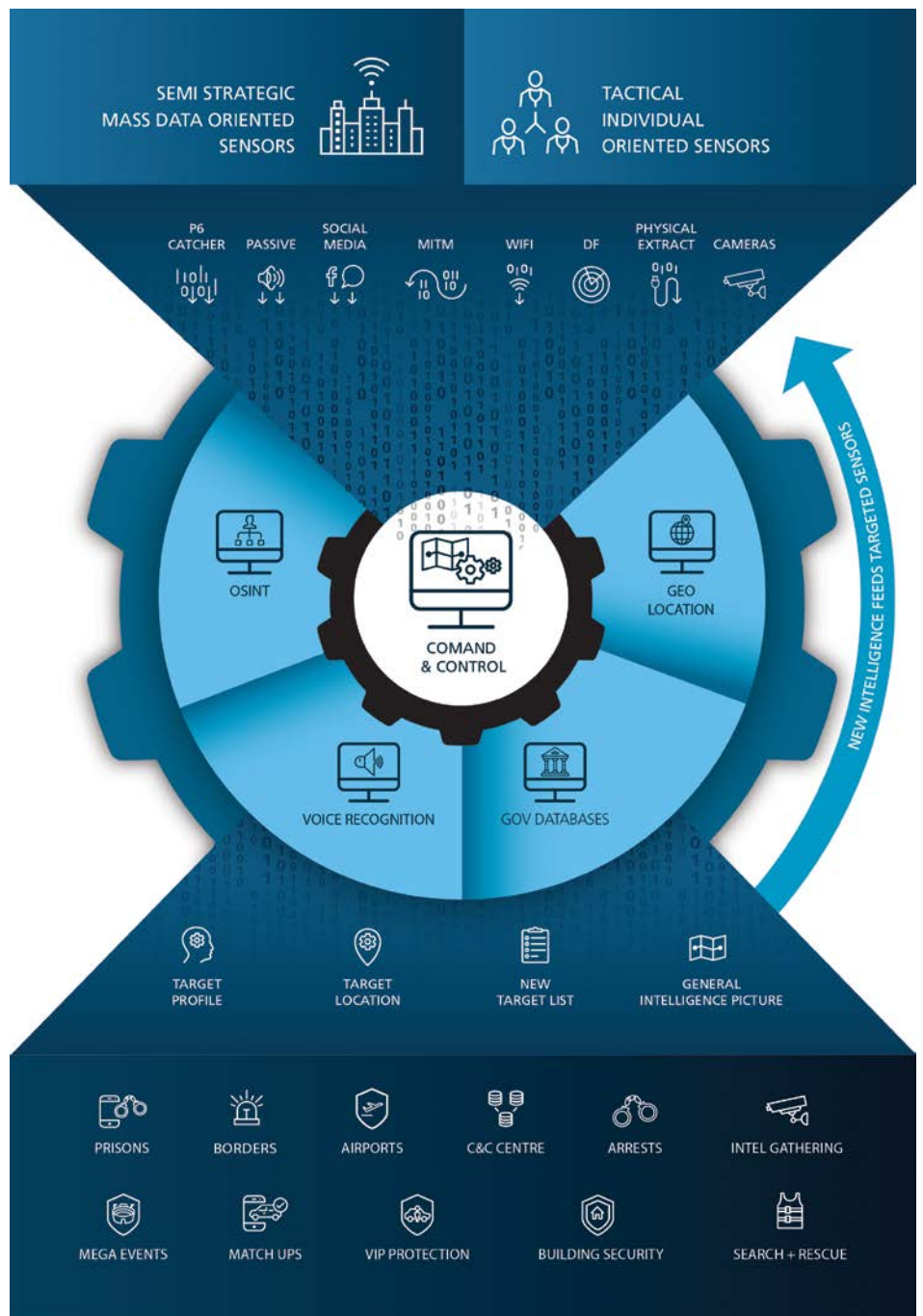
HND PIKO PEPPER GUN

Non-Lethal Technologies

Maximum Stopping Power

PIKO GUN
P.O.Box 5
Shilat 7318800, Israel
Tel: 972-8-6707170
Mobile: 972-50-5127313
E-mail: info@pikogun.com
Web Site: www.pikogun.com

The Piko Pepper Gun is an innovative, effective, non-lethal pepper gun, primarily used to incapacitate targeted personnel immediately, while minimizing fatalities and permanent injury to personnel or passersby.

Piko Pepper Gun

Non-Lethal Piko Pepper Gun is an effective point & shoot solution featuring an easy to use intuitive trigger and a unique muzzle structure spreading the pepper jet stream with an effective range of up to 3 meters, neutralizing the target immediately for 20-40 minutes.

This gun is compact and lightweight, reloadable, durable and reliable making it the perfect personal non-lethal weapon for law enforcement officers and security agents.

Guarantees Maximum Stopping Power for Law Enforcements Agencies

The gun contains a dedicated Saber-Red® pepper spray cartridge, which is considered as the most effective and reliable pepper spray, trusted by police and consumers worldwide.

Its maximum strength formula guarantees maximum stopping power performance that never fails!

The Sabre-Red® pepper spray, specifically designed for law enforcement purposes, is used by the Israeli police, Ministry of Defense, and the Israeli prison services. It's also used by hundreds of law enforcement agencies, including U.S. federal agencies and police departments in more than 40 countries worldwide.

Stops Conflict Escalation

Our gun meets the most important needs: to immediately stop the escalation of a conflict in areas where employment of a lethal weapon is prohibited or undesirable.

The Piko Pepper Gun is a customized pistol with the most effective and reputable pepper spray in the market and is the most reliable and cost-effective non-lethal pepper gun on the market today.

Police patrol cars	City police	Correction officers	Prisoners transportation vehicles	Highway patrol
Military police	Military prison guards	Refugee camps control	Border patrol	Checkpoint and immigration
Municipal services	Tax agents	Parking enforcement	Government offices	Social workers	Tourist attractions
Public Transportation	Train maritime and airport security	Private and commercial security	Educational Institutions	Shopping malls

MISSION-SPECIFIC SOLUTIONS MEETING DIVERSE OPERATIONAL NEEDS

PLASAN
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Merom Hagalil 1387000, Israel
Tel: 972-4-6809000
Fax: 972-4-6809001
E-mail: info@plasan.com
Web Site: www.plasan.com

Solutions for a broad mission spectrum

Integrated advanced ISR, C2 technologies

Advanced Command and Control

3 Decades of Field-Proven Expertise

Plasan Ltd provides customized survivability solutions for tactical wheeled vehicles, aircraft, naval platforms, civilian armored vehicles and personal protection. A recognized global leader and industry veteran, Plasan's survivability solutions offer the optimal combination of protection, payload, and cost by combining in-house R&D, design, prototyping and manufacturing capabilities.

Plasan combines innovative survivability engineering and design with advanced armor materials development. Plasan utilizes computer-generated analysis and simulations with real-time calibration and ballistic test data. The effective combination of test and simulation data enables improved simulation accuracy and performance, resulting in the optimal survivability solution.

RAYZONE GROUP - CYBER & INTELLIGENCE SOLUTIONS

RAYZONE GROUP LTD.
Toyota Building, 65 Yigal Alon St.,
Tel Aviv 6744316, Israel
Tel: 972-73-2802266
Fax: 972-73-2802260
E-mail: info@rayzoeg.com
Web Site: www.rayzone.com
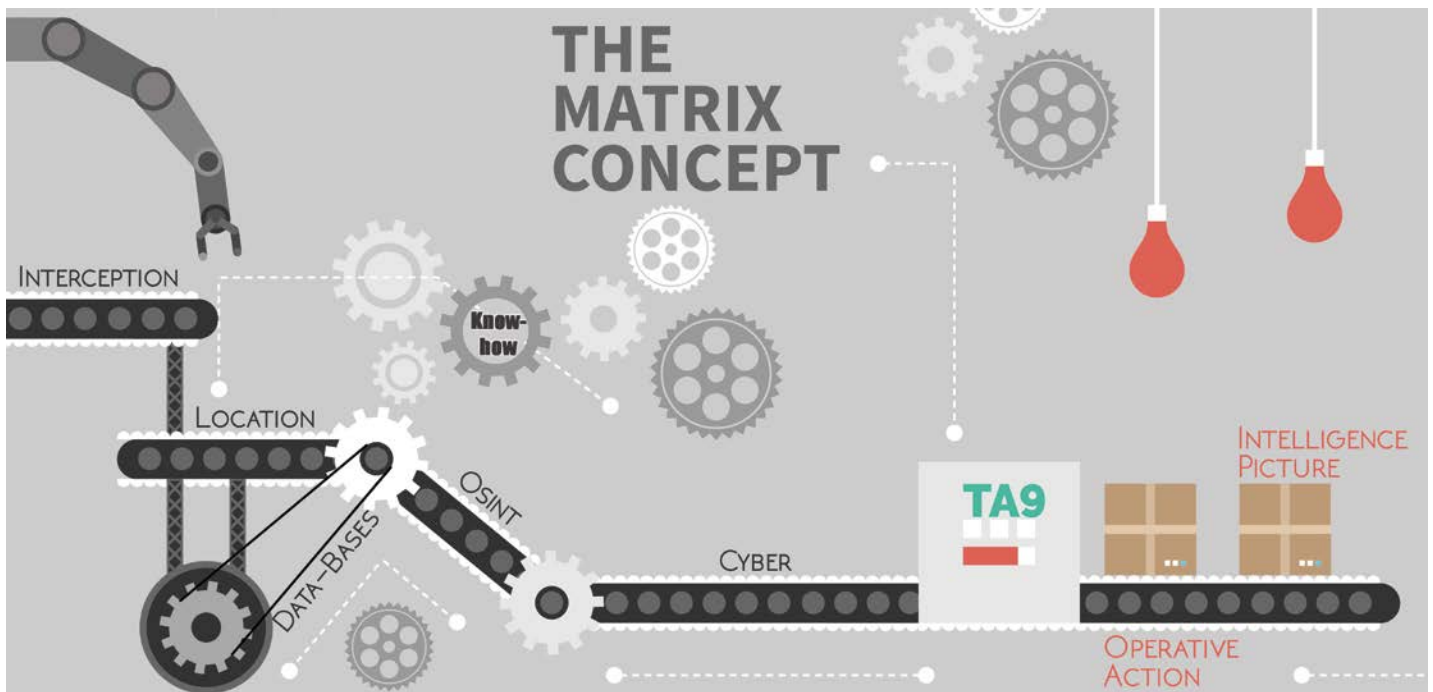
Rayzone Group

Terrorism and crime poses a direct threat to the security of the citizens worldwide, and to international stability and prosperity. It is a persistent global threat that knows no border, nationality or religion. Rayzone Group designs and manufactures Cyber & Intelligence solutions for governmental and federal agencies, based on broad expertise and operational experience accumulated within the framework of the Israeli Cyber & Intelligence agencies.

Rayzone Group MATRIX concept and solutions focuses on improving awareness of the threat, developing capabilities to prepare and respond, and enhancing law enforcement agencies capabilities. The MATRIX concept is a comprehensive methodology, which provides cutting edge intelligence gathering and analysis capabilities.

Rayzone portfolio:

- **TA9 IntSight -** Intelligence and Investigation Hub. IntSight is a powerful and versatile data analysis platform, enabling specialist intelligence and law enforcement agencies to produce valuable insights from their masses of data.
- **GeoMatrix -** GeoLocation Intelligence system. GeoMatrix is a unique SS7 based cellular location system that provides the ability to locate, track, and manipulate any cellular subscribers.
- **Echo -** Global Virtual Sigint System. Echo is a strategic SIGINT system, which provides intelligence and law enforcement agencies a remote and stealth wide and varied information on internet users.
- **Vegas -** Virtual-ISP Interception system. Vegas is a strategic inline interception system, which enables remote, stealth and ISP-independent inline interception capabilities from targeted IP networks, in different locations.
- **Piranha -** 2G, 3G and 4G IMSI catcher. Piranha capture mobile phone identifiers, manipulate them and create the basis for smart intelligence and analysis.
- **Optimus -** Comprehensive OSINT Solution. OPTIMUS provides immense collection and harvesting of websites, news sites, social media, blogs, and dark web. OPTIMUS also provides Virtual HUMINT avatar management which enables to reach into closed networks and forums.
- **Sprinter -** Active 2G, 3G AND 4G Interception System. Sprinter is an off-the-air tactical active interception system for 2G/3G/4G cellular networks. Sprinter allows to intercept and record voice calls, text messages and to retrieve target's location.
- **ArrowCell -** Detector, Preventer and Locator of Active GSM Interception. ArrowCell product family, offers a real-time comprehensive solution of full protection against active GSM interception systems.

WISDOM STONE CYBER DOME

Wisdom Stone - Automatic analysis of enormous amounts of data

Wisdom Stone is an intelligence analysis support system for automatic analysis of enormous amounts of data.The Wisdom Stone is an extendable, adaptable and scalable solution for Data and Case Management which enables to perform advanced analysis in near real-time scale, in order to rapidly transform data to information and to meaningful intelligence, while producing the most efficient insights to the stock holder or to the decision-maker. The Data and Case Management system main operating concept is to provide an intuitive working area in order to simplify operators' fluent work.

The system has:
- Data management capability which enables to organize data from various intelligence and other sources, including customer databases, in order to centralize, unify and enrich data for quick extraction

- Advanced visualization tools in order to provide various aspects of the collected data and enable to explore hidden and in-directed links.

Wisdom Stone works in the following sequence:
- Data Collection and Organization
- Data Processing
- Data analysis including with the support of visualization tools
- Intelligence Production and Distribution

Wisdom Stone is suitable for Defense, Military and Security Investigation and Intelligence Organizations. Wisdom Stone can serve up to thousands users simultaneously, and has an open, flexible and extensible architecture, enabling connection to various legacy and new databases and data sources.
The operational concept and procedures of Wisdom Stone are tailored to the specific customer needs and requirements.

Cyber Dome - End-to-end holistic Cyber defense solution

As an answer to the ever-growing challenge of Cyber warfare and its strategic threat to critical infrastructure of governments and national bodies, Rafael has developed Cyber Dome – a patent-based one-of-a-kind holistic suite of Cyber defense solutions.

The Cyber Dome architecture is composed of multiple layers of defense solutions, starting from the traditional ones like firewalls, antivirus etc., and up to the most complex ones like unique technology for handling multi classification information and SCADA systems.

The Cyber Dome suite is built of several domains to implement a holistic defense solution covering all customer needs. Rafael solution is custom-fit to these needs with Cyber Dome and integrates the different domains within it with unique and tailor-made software and hardware solutions.

Cyber Dome offers comprehensive network defense solutions based on proprietary traffic filtering capabilities.

The solution is based on in-house expertise of networking, protocols and building proprietary networking solutions (hardware and software).

End-to-end tailored advanced solution for devices that includes traditional solutions with additional special hardening techniques and advanced technology that can handle APT and zero day vulnerabilities.

Cyber Dome contains a variety of products that covers the data domain with new approach to IT security. Rafael has a complete secure platform for transferring all kinds of files, unique standard files and multiple kinds of streaming data with different classification from secure to non secure zones and vice versa. The solution provides tools for managing the information from the stage of entering the company through the classification process inside the company and up to handling it till the information leaves the company.

Cyber Dome management is based on Rafael's knowhow of monitoring, C2 (command and control) and simulation systems. The management domain includes several aspects:
*   Management tools for monitoring, alerting and response
*   Cyber HQ infrastructure for online management
*   Cyber Range for training testing and simulation

Rafael earned its expertise in the Cyber domain by participating in numerous projects with military grade Cyber solutions. The company has a unique research team that includes some of the best talents in the Cyber world and is considered as the national Cyber research laboratory in Israel.

As a major player In Israel, the company decided to offer a new vision for the Cyber domain.

Rafael Cyber solutions are comprehensive due to its multi-disciplinary knowledge and vast hands-on experience. Rafael is Israel's prime contractor in the establishment and management of the country's CERT (Cyber emergency Response Team).

RBTEC.
LEADER IN PERIMETER INTRUSION DETECTION TECHNOLOGIES

RBtec. Your security is our challenge

RBtec LTD.
21 Hamatechet St., P.O.Box 5040
Kadima 6092000, Israel
Tel: 972-72-2159207
Fax: 972-72-2159213
E-mail: info@rbtec.com
Web Site: www.rbtec.com

Developer and manufacturer of outdoor perimeter security systems

- **Fence intrusion detection sensors**
- **Buried sensors/Concealed sensor**
- **Microwave/PIR sensors**
- **Maritime/off shore/underwater technologies**
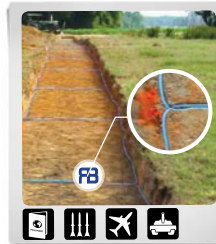- **Vidalert alarm management system**
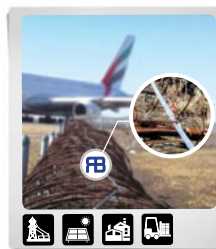
IRONCLAD
Fence Intrusion Detection Kits

Perimeter Security Made Easy, Reliable and Affordable.

Ideal for installation on all type of fences and concertina coil.

No training, no special tools, no calibration.

MBS
Concealed Magnetic Sensor Buried Underground / On Top of a Wall

Passive intrusion detection system, designed to detect intruder crossing the invisible detection line.
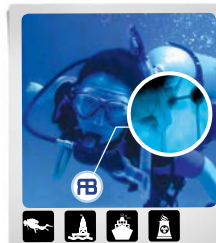
SL-3
Fence Mounted Shaker Security Sensor

Multidirectional fence vibration sensor. Designed for high security sites.

10 years warranty, over 20 years life span.

MARINET
Underwater Detection Barrier

Maritime electronic security net, detects any attempt to cut the net.

Designed for seaports, power plant and oil and gas facilities.
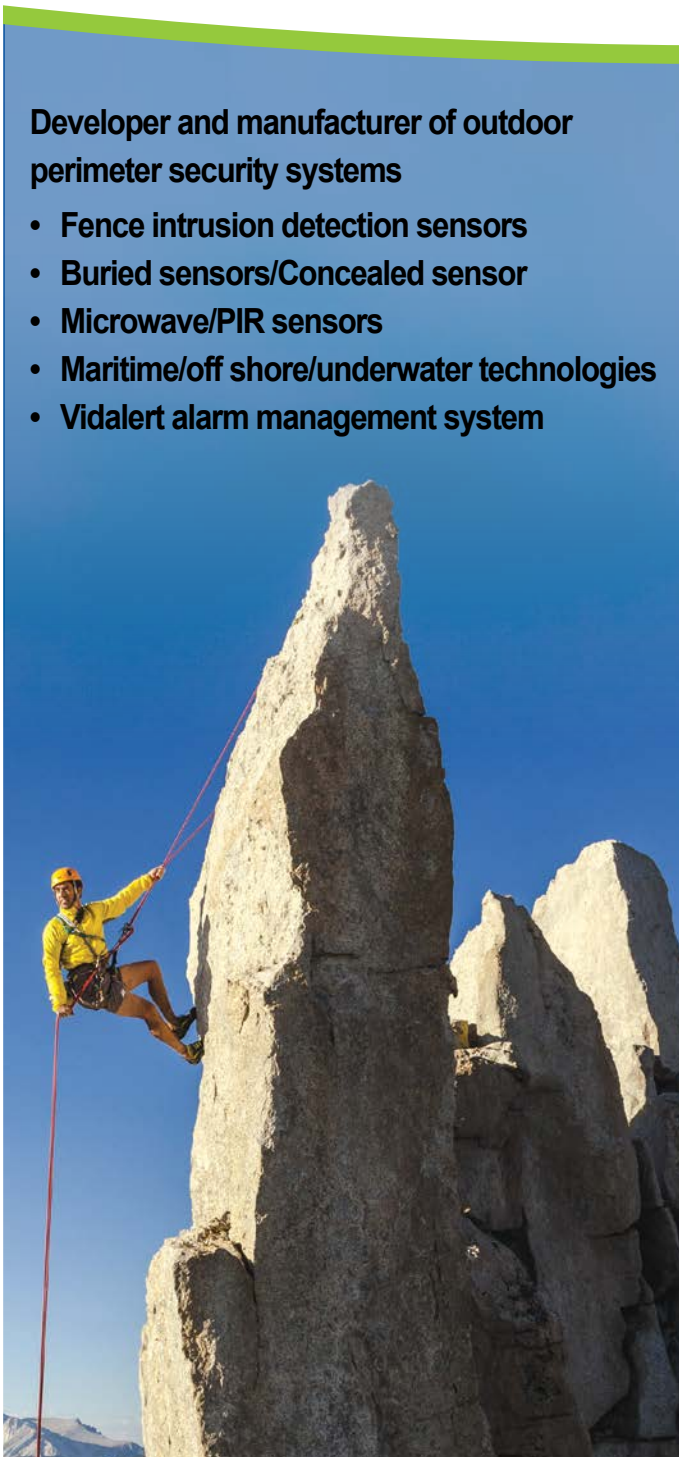
VIDALERT
Alarm Management Software

Dedicated software for security personal to manage real-time and historical security events.

The graphic map provides visual and audible indication in the event of an alarm.

ADVANCED AEROSTAT SYSTEMS

RT LTD.
10 Nahal Snir St.,
Yavne 8122447, Israel
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Fax: 972-8-9433607
E-mail: info@rt.co.il
Web Site: www.rt.co.il

RT Company Profile

RT LTA Systems LTD is a world class designer, developer and manufacturer of the **Skystar™ Aerostat Family** proven for use in intelligence, surveillance, reconnaissance and communications applications.

Users active in prevent - prepare - respond - recover settings requiring continuous and compact aerial support are a natural fit for Skystar™ products.

The Skystar systems have more than **1,000,000** proven flight operation hours in battle zones all around the world.

RT LTA Systems LTD delivers self-contained, versatile, easily transportable, cost effective tactical systems comprised of a mobile control station, ground system module, a tether, lighter-than-air platform, stabilized payload platform and sophisticated sensor suite including camera, communication relays, cellular, radars.

Skystar™ systems are easy to operate, rapidly deployed and customized for a range of operating conditions in high performance worldwide in various military and civilian missions.

Skystar Applications

- Unmanned Aerial ISR and target acquisition
- Border and coastal security
- Crisis and emergency management
- Law enforcement and public safety
- Search and Rescue
- Communication relay
- Offshore/onshore business continuity recovery
- Event management/crowd control
- VIP protection
- Environmental measurement
- Situational awareness
- Perimeter security
- Intruder detection

SAN BREACHING SOLUTION

Save Life - Enforce Security

SAN Ltd is an expert in the fields of Combat, Search and Rescue; In the last 10 years, we have developed world leading electro hydraulic tactical breaching kits that incorporates innovative technologies with light materials, allowing to be easily carried by one individual and obtain powerful set of tools that can break into any structure in top speed.

Challenging Engineering

SAN LTD.
21 Haluzey Hata'aseya St.,
P.O.Box 10659
Haifa Bay 2611801, Israel
Tel: 972-4-8721678
Tel/Fax: 972-4-8723878
E-mail: san@san.co.il
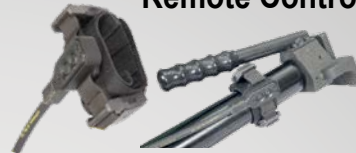Web Site: www.san.co.il

Hydraulic Power Units

Manual Power Unit

Electro Hydrulic Power Unit

Remote Control

Hydraulic Tools: Forced Entry

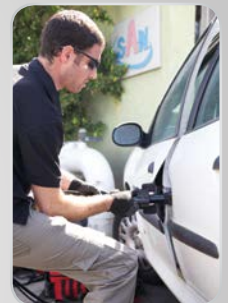**Door Breaker**   **Speader**   **Cutter**   **Guillotine Cutter**

Jimmy Bar

Back Packs And Kits

The renewed design of the SAN Back Packs and Kits allows maximal convenience while moving in the action zone.

Tools Kit   **Manual Power Unit**   **Electro Hydrulic Power Unit**

Watch Now

Back packs are available in Red, Black or Green

GATE SCANNER® SOLUTIONS

SASA SOFTWARE
Kibbutz Sasa
M.P. Merom Hagalil 1387000, Israel
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Fax: 972-4-6918876
E-mail: info@sasa-software.com
Web Site: www.sasa-software.com

THE THREAT

We live in a world of increasingly sophisticated and targeted cyber threats. Studies show that 70 to 90% of malware attacks are unique to an organization. APTs, ransomware, and other malware continually evade detection based technologies. Hackers look for the easiest way in, targeting the organization's trusted content channels: Over 90% of cybercrime originate from emails and browsing. Inside of the organization, users inevitably open attachments and click on links, leading to IT security incidents.

THE SOLUTION

In this "Zero Trust" reality, one must treat every file as suspicious. Gate Scanner® by Sasa Software disarms incoming emails and files before they enter the organization's network, ensuring that files allowed inside are secure. Known as deep content disarm and reconstruction (D-CDR), Gate Scanner® deconstructs files, inspects for structural abnormalities, and performs structural changes to the files, creating a new, neutralized copy of the original file. The technology eliminates malicious code that may have been embedded in files, protecting against known, unknown and undetectable threats, while maintaining usability and functionality.

GATESCANNER SOLUTIONS

Gate Scanner® connects to the organization's trusted content channels, providing holistic protection.

GATESCANNER Kiosk
Highly secure standalone station for threat elimination of files from detachable media.

GATESCANNER Mail
Threat elimination for email attachments, body and headers, proven to stop ransomware attacks.

GATESCANNER Secure Browsing
Eliminates threats from files downloaded from browser isolation solutions.

GATESCANNER Desktop
Threat elimination of files on detachable media at the user's desktop.

GATESCANNER Application Server
Automated threat elimination for B2B file transfers, enhanced security for internal network segmentation.

GATESCANNER Injector
Eliminates threats from 3rd party applications (e.g. secure file transfers, vaults).

GATESCANNER Engine & API
A one-way optical gateway (diode) for unidirectional file transfers, integrating seamlessly with Gate Scanner® solutions.

SCS

Crisis Managment Solutions

SCS LTD.
SECURITY CRISIS SOLUTIONS
Electra City Tower
58 Ha'Rakevet St.,
Tel Aviv 6618321, Israel
Tel: 972-72-216-3940
Mobile: 972-54-7944-355
E-mail: info@o-scs.com
Web Site**:** www.o-scs.com

SCS - advanced security solutions,

SCS is a company that is built around creativity and high-end services.
We are emerging company which aims to maintain unique services
with unorthodox methods to provide our clients surprising solutions.

Crisis management (Security):

The company operates these days mainly with corporates and high worth net families,
We always look for the usage of its unique and creative advantages
in order to be the market's leading firm in the Crisis Management field
while implementing those techniques into our traditional services as well.

Close protection / Executive protection:

Taking low key approach with advanced techniques to carry the most complicated tasks
while taking over logistic with itinerary planning, to provide maximum security support
by building preventive circles around our clients.

SCS takes a great pride in its differentiation from other players in the market.

We are here to make a difference to be the silent partner for our clients the one-stop shop
for solutions, the fixers, the guys in the shadows behind the scenes
to proof business productivity in challenging areas.

We are the stream under the ocean.

INTEGRATING PEOPLE, PROCEDURES AND TECHNOLOGY

SDEMAGROUP

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E-mail: biluz@sdemagroup.com
Web Site: www.sdemagroup.com

SDEMAGROUP

The Sdema Group is an international homeland security solutions partnership helping to create secure environments around the world for governments and businesses to thrive.

We specialize in the unique niche of threat-based security concept design and master planning and carry through with project management, both large and small.

We believe that the most effective way to confront threats ranging from domestic crime to the shifting modus operandi of the global terrorist network is to strike the optimal balance between the three pillars of homeland security: pepole, procedures and technology. We see ourselves as security architects and employ a proven methodology of security planning to design and deliver this critical integration.

Our team, former Israel Security Agency leaders in national security, counter-terrorism and intelligence, have worked in the most challenging security environments around the world and put this experience to work for the government and corporate clients that we are privileged to serve.

Our services include: integrative security surveys, threat and vulnerability assessments, master security planning, technology selection and product assimilation, advanced training for all levels of security personnel, security director placement and coaching, crafting best practices and procedures, audit and control, red team testing and employee vetting.

Industries we serve:

- Aviation Security
- Mass Transit Security
- Cyber Security
- Critical Infrastructure Protection
- Safe City

- Dignitary & Executive Protection
- Facilities Security (corporate HQs, banks, hospitality industry & educational campuses)
- Employee Recruitment & Integrity Testing

SENSO-OPTICS Ltd. VISUAL INFORMATION, THERMAL IMAGING INTELLIGENT SOLUTIONS

SENSO-OPTICS LTD.
P.O.Box 600, Hi-Tec Park
Yokneam 2069207, Israel
Tel: 972-73-2004450
Fax: 972-4-9590962
E-mail: info@senso-optics.com
Web Site: www.senso-optics.com

Senso-Optics Ltd. is a privately owned, State-of-the-art Electro-Optical Hi-Tec company, founded in Israel since 2004.

Senso-Optics has solid track records in uncooled LWIR thermal Imaging technology.

Senso-Optics develop, manufacture and deliver advance Electro-Optical IP Products and Systems for customers around the world for Day/Night/All-weather 24/7 vision in the Defense, HLS, Commercial Aviation and Automotive markets.

Senso-Optics has recently moved strategically toward the Security markets. With its outstanding line of products, *Senso-Optics* intentions are to become one of the key players in the Security market segments which need *Real-Time Intelligent Security Thermal Imaging solutions.*

Senso-Optics' new miniature *Intelligent Security Thermal imaging Cameras* enable smart machine-vision analytics within the camera, with highest performance in lower size, weight, power (SWAP) and in affordable prices. These cameras also offer optional day camera fused image with the thermal image.

Senso-Optics' unique state-of-the-art Security cameras, based on its COC thermal ASIC Chip, represent a breakthrough technology and it is an essential step forward to thermal sensors evolution in order to get lower price tag and higher performance.

MOBILE DEFENSE & SECURITY SOLUTIONS

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Kiryat Ata 2611801, Israel
Tel: 972-4-8808000
Fax: 972-4-8411221
E-mail: info@shladot.com
Web Site: www.shladot.com
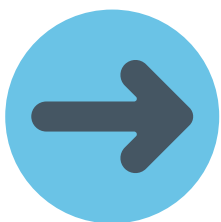
Shladot operates in three main fields -

Mobilized Defense Solutions - mobile defense and security platforms including shelters, trailers, Heavy Duty tank transporters, special purpose vehicles etc.

Armored Vehicles -
- ″David″ **Family** - based on Toyota components, with a Gross Vehicle Weight (GVW) of 4-4.7 tons and seating for up to 8 passengers. The David is widely used by the Israel Defense Force.
- ″Tiger″ **Family** - based on Ford, Dodge or heavier platforms with a GVW of 9-12 ton. The Tiger is offered in a variety of armor levels and seats up to 14 passengers.

Shladot also up-armors other platforms, based of customer mission profile.

Aircraft Armor - ballistic protection for helicopters and cargo aircraft.

HoverMast™

Boundless Intelligence & Communications

SKY SAPIENCE LTD.

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Yokneam 2069203, Israel
Tel: 972-4-9591777
Fax: 972-73-7051380
E-mail: info@skysapience.com
Web Site: www.skysapience.com

skysapience

A new perspective on security

The Leading Tethered Hovering Platform Worldwide
Field-Proven for HLS & Defense Challenges

The HoverMast product line comprises versatile tethered hovering platforms, field-proven in HLS, defense and military scenarios. With exceptional size-to-payload ratio, HoverMast carries up to 18 kg and operates from a variety of vehicles or marine vessels. Hovering over its host vehicle, it receives and transmits video, ELINT and COMINT even while in motion, and supports stable real-time ISR in virtually all weather and light conditions. The HoverMast platforms are completely autonomous, rising up to 150m within seconds, and secured by a cable serving as a power supply and wideband data link.

Free of most air control regulations, and featuring low-signature 24/7 operation, the HoverMast is immediately available for operation anywhere and in any mission type.

A Wide Array of Missions and Applications

• Border control and port security
• Federal and local law enforcement

• Anti-terror activities
• Critical infrastructure protection

Special forces, infantry and naval operation

• Urban warfare
• Battle information fusion

• Ship and naval zone protection
• Controlling disasters at sea

Mega event protection and crowd control

ONE SHOT ONE HIT

SMART SHOOTER LTD.
Kibbutz Yagur 3006500, Israel
Tel: 972-72-3202111
Fax: 972-72-3202120
E-mail: info@smart-shooter.com
Web Site: www.smart-shooter.com

ABOUT THE COMPANY

Smart Shooter is an emerging company with the technology and drive to revolutionize the world of military and paramilitary small arms. Established in response to the demand for both increased assault rifles lethality and operator survivability, the company designs, develops and manufactures advanced systems that provide higher hit accuracy for small arms used by ground troops and law enforcement officers around the world. The company's key, patent-pending technologies combine electro-optics, image processing, real-time embedded software, ergonomics, and system engineering to provide real and affordable solutions for modern, symmetric and asymmetric conflicts.

SMASH FAMILY

Day and Night add-on Fire Control System for assault rifles enabling any shooter, regardless of skill or operational stress, to hit precisely any stationary or moving target. SMASH is MIL-STD compatible.
SMASH family products address different segment needs within the Military and HLS markets.

STEADICOPTER

A world leader in providing innovative solutions of Unmanned Robotic Helicopters for a wide range of Civil, Military and Homeland security applications.

STEADICOPTER
6 Hatikshoret St.,
Migdal ha Emek 2307049, Israel
Tel: 972-4-9592959
Fax: 972-4-9597606
E-mail: info@steadicopter.com
Web Site: www.steadicopter.com

THE BLACK EAGLE

A REVOLUTION IN AERIAL ROBOTICS

The Black Eagle ROTARY UNMANNED AERIAL VEHICLES (RUAV) is a robotic observation system for Civil, Military and Homeland security missions. The objective of the Black Eagle is to provide Maritime and Land solutions for intelligence, surveillance, target acquisition and reconnaissance (ISTAR). This is made possible by using an unmanned helicopter with these important advantages:

VERTICAL TAKE-OFF AND LANDING (VTOL)	STEADY HOVERING	OPTICAL DAY & NIGHT SENSOR

DESCRIPTION	DATA
Total length	2540 mm
Main rotor diameter	2160 mm
Maximum T/0 weight	35 kg
Payload capacity	3 kg
Endurance (Hover)	4 Hr (3 Hr)
Data link range	15 Km, 50 Km, 100 Km

DESCRIPTION	DATA
Max air speed	70 knots (126 Km/h)
Cruising speed	47 knots (85 Km/h)
Operating temperature	-40 to +55 c
Wind (takeoff and landing)	25 knots (45 Km/h)
Service ceiling	9,000 ft

SUPERGUM INDUSTRIES

Blower BL - 45

The BL-45, originally designed as part of the advanced protection systen for children, supplies 45 liters of filtered air per minute, at an overall resistance of up to 35mm water, and operating on 3 volts of power.

NBC sampling kit

Includes inspection and sampling apparatus for the detection and identification of NBC contaminations.

BLOWER BL - 45 Type B

The BL-45 type b is multi purpose blower, designed to be integrated with all the civilian NBC protective respirators. Supplies 45 liters of filtered air per minute.

Blower - BL - 90

The BL-90 blower is designed as part of the group of advanced military protection.
The blower is designed to supply 90 liters of air per minute at resistance of up to 65 mm water.

N.B.C RESPIRATORY PROTECTION

SUPERGUM ///

Supergum is Israel's leading manufacturer of protective clothing and protection systems for use by military personnel and the civilian population.

Supergum manufactures high quality rubber, plastic and sealing products for civilian,military and industrial applications. The company's R&D and engineering departments support a wide range of standard and custom-made rubber and plastic products for highly diverse markets.

Rubber technologies: injection molding, compression molding, extrusion and die cutting.

Plastic technologies: heat, H.F. and U.S. sealing, injection molding Certifies to ISO 9001 : 2018.

SUPERGUM INDUSTRIES LTD.

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Tel-Aviv 6721611, Israel
Tel: 972-3-5622333
Mobile: 972-50-6659993
Fax: 972-3-5622345
E-mail: giladg@supergum.co.il
Web Site: www.supergum.com

/// Children's protective hood

Suitable for infants from day 1 to children 10 years old. New design allows more flexibility, freedom of movement and enhanced wider field of view.

The hood provides a complete respiratory protection and is equipped with blower supplying clean air to the hood making it easy to breath. The blower maintains overpressure thus preventing entry of contaminated air.

/// Civilian Adult Hood

This system is intended for relevant civil defense and special military personnel who must function under CW conditions while performing a variety of missions. C.A.H.-system including 2 blower (BL-45).

/// Adult protective hood for civilians

New concept in civilian respiratory NBC protection. The new design allows high degree of comfort with reliable protection.

The new visor enables clear and undistorted field of view. The hood is suitable for all facial structures for adults 10 years or older. The hood is equipped with a blower and a filter and a drinking device.

Supergum with a joint venture with ILC-Dover (USA) is the exclusive distributor for this product in North America and Europe.

/// Baby & Child-shield Clean-air Overpressure Module

Clean-air overpressure protection system for infants and toddlers ages 0 to 3 and 3 to 8.

/// Pet Protective Kit

The kit protects pets (dogs, cats and pet birds) against NBC hazards by enveloping a standard closed transport cage, creating a protected space around the pet.

The kit has been examined and approved by veterinarians.

SUPERGUM - N.B.C RESPIRATORY PROTECTION

/// Adult protective hood for military personnel

Based on the civilian hood with adaptation to military requirements providing high reliability in the field combined with superior NBC protection. The hood utilizes new design which provides great physical comfort and freedom of movement allowing long periods of wear. The hood is equipped with a dual filter and a blower and a drinking device.

/// Adult protective hood for combat soldiers

State of the art NBC protection for the combat soldier, hood includes dual filter system with a blower, communications equipment interface and external drinking system. The hood was developed to answer the most rigid battlefield conditions in terms of NBC protection.

/// Armored Vehicle Crew-member Blower System-ACBS

A fully integrated protective system allowing an armored vehicle crew member to perfom all the required tasks on the modern battlefield (communication,use of Electrooptics and night vision devices). It is based on an under-the-helmet protective hood and blower unit.

/// Chemical Team Respirator - CETER

Soldiers in specialized CW units-reconnaissance,Decontamination, bomb disposal and medical corps are exposed to high concentrations of chemical agents for long periods.These types of activities require a special system for eye and respiratory protection.
The system includes:
A nose cup integrated into the hood,providing a platform for the valves, speech membrane, communications and drinking devices, A neck seal serving as the required closure
A blower that provides air through two standard filters and suppliers the hood with 90 liters of purified air per minute.

Disposable N.B.C. Protective Suit

The disposable N.B.C. Protective Suit is made of transparent multi-layered plastic and consists of a two piece (blouse and trousers) protective suit.The blouse has a cutout-contoured hood that fits any mask,and a quick fastener for easy closing.

The garment is light and permits freedom of movement. Combines to give excellent barrier properties and strength. The suit stamping and sealing process is done by specially designed equipment,ensuring dependability and based on many years of research and development.

SUPERGUM INDUSTRIES LTD.

11 Shoncino St.,
Tel-Aviv 6721611, Israel
Tel: 972-3-5622333
Mobile: 972-50-6659993
Fax: 972-3-5622345
E-mail: giladg@supergum.co.il
Web Site: www.supergum.com

NBC protective suit

Full body protective suit allows maximum NBC protection; the suit is easy to wear, flexible and low weight. The suit comes in 4 sizes to fit all.

Over-shoes Type 2

Allow NBC protection per MIL standard, comes in 8 sizes.

Supplement Kit

The kit is designed for individuals aged 13 years and above. The kit contains all clothing items and footwear necessary for maximum body protection from head to toe. The kit elements are modular and can also be purchased separately.

The Supplemental Kit elements are as follows: Protective Suit, Protective Overshoes and Protective Rubber Gloves.

SUPERGUM-N.B.C. Multi Purpose Over-Shoes

The multi purpose over-shoes have been designed by Supergum to meet the requirements and approval of the Israel Defence Forces. The over-shoes are made of PVC with minimum 1.3 thickness to provide the optimum Weight / protection ratio for the soldier.

The material ensures an almost unlimited storage shelf life. The over-shoes are available in 3 sizes (small,medium and large),with additional sizes available according to customers' specific requirements.

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INTEGRATED SECURITY SOLUTIONS

**TANDU TECHNOLOGIES
AND SECURITY SYSTEMS LTD.**

21c Yagea Kapayim St.,
P.O.Box 3963
Petach Tikva 4913020, Israel
Tel: 972-3-9230667
Fax: 972-3-9230668
E-mail: tandu@tandu.co.il
Web Site: www.tandu.co.il

Overview

TANDU Technologies and Security Systems LTD., established in 1988, is an Israeli based security projects development firm, engaged in the definition and design of operational needs and requirements, planning, design, integration and implementation of all aspect security systems, design and implementation of security concepts and doctrines and design and implementation of security training courses, for private and government organizations.

Furthermore, the company has developed unique expertise in the design of technological layouts for safe city programs and for large scale sports events and arenas, and in the design and performance of technological and operational evaluation of security systems.

TANDU employs staff of some 80 professionals, with technological, operational and academic expertise, to offer integrated, all aspect approach to every project and requirement.

Expertise

Integrated, all aspect, security solutions

Threat analysis • Security risk surveys • Risk and vulnerability analysis • Definition of operational needs and requirements • Development of Security strategy, concepts and doctrines • Security master plans • Security systems engineering • Security systems technical specifications, RFI's, RFP's • Large scale security projects integration and management services.

Security training courses

Performance of training courses • Analysis of training and qualification requirements • Design of course syllabus • Definition of course plan • Set up of security schools.

Clients

Government Ministries and Facilities, Military Forces, Police Forces, Municipalities, National Infrastructure (Power, Water, LNG, Highways) Companies, Emergency Organizations (EMS, Fire Dept.), Sports Facilities, Public Transport Organizations (Rail, Bus), Solar Power Plants, Airports, Seaports, Industrial Parks and Private Organizations and Companies, In Israel and Abroad.

SKUNK NON-LETHAL RIOT CONTROL SOLUTION

Innovative, non-lethal riot control.
In operational use by the Israel National Police and IDF Since 2008.

Skunk is an innovative, non-lethal riot control product with proven effectiveness. A pungent, foul-smelling - yet non-toxic - liquid spray, it quickly disperses the most determined of violent demonstrators.

Harmless to them, to officers in the field, and to the environment, Skunk is the optimal response for the modern police force.

Odortec's eco-friendly Skunk solution was developed to meet its highest operational requirements.

And it does so with less manpower, at lower cost and without the use of force required by other riot control tactics.

The Product

Police departments over the world periodically face an acute dilemma in confrontations with violent civil unrest: the need for effective riot control and the duty to preserve the health and safety of all, including the protesters themselves. Conventional tactics - from physical force all the way to tear gas and water cannons - have been many times proven either ineffective, potentially lethal, or both. Odortec, supported by retired high rank police officers, developed the perfect, if highly pungent, solution: *The Skunk.*

There Are No Countermeasures

A non-lethal, non-toxic liquid spray, the **Skunk** is the most innovative and effective riot control method available. And there simply are no countermeasures.

This harmless deterrent consists of an extremely foul-smelling liquid, with the viscosity of water, which can be sprayed over a large area using standard water cannon or a personal spray systems. The overpowering odor

TVUNOT 5766 LTD.
9 Brand St.,
Jerusalem 9387809, Israel
Cell: 972-52-6000668
Fax: 972-2-6630011
E-mail: ay@barak.net.il
Web Site: www.skunk.co.il
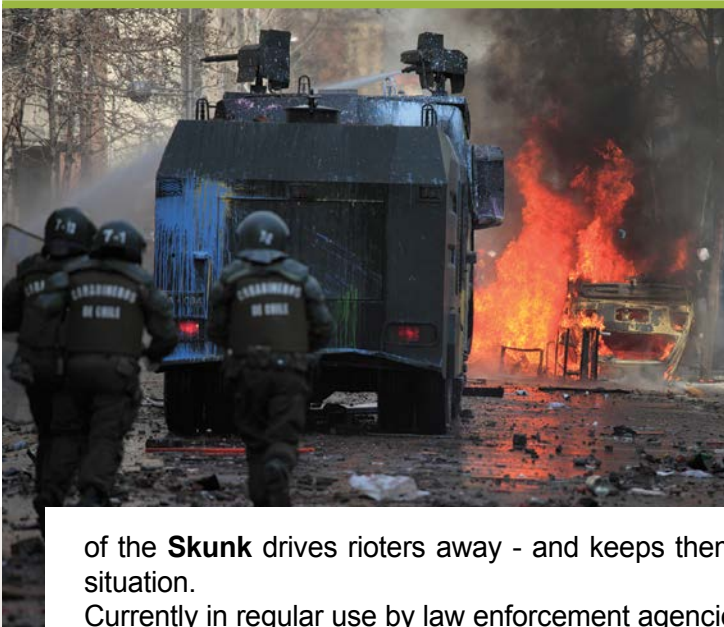
Skunk can be used for facility protection

of the **Skunk** drives rioters away - and keeps them away - effectively shutting down any escalating situation.

Currently in regular use by law enforcement agencies, the **Skunk** has been field tested and proven to disperse even the most determined of violent protests.

The Most Demanding Standards

The **Skunk** was designed to meet the most demanding operational requirements and the highest ethical standards.

The **Skunk** is not volatile, it's non flammable - it can even be used to put out fires in a pinch. In fact, despite its outrageous smell, the **Skunk** liquid is safe. Even clothes hit with the **Skunk** can be used after simple washing. Deployed in crowd control situations in which standard measures would involve the legal use of force, the **Skunk** is a far preferable alternative for quickly lowering the overall level of violence and breaking adversarial resistance.

Cost-Effective and Eco-Friendly

In addition, the Israeli experience proves that the **Skunk** is the most cost-effective solution for law enforcement agencies concerned about keeping down budgetary expenses. Deployment of the **Skunk** is far less costly than any special riot control equipment or compliance weapon alternatives. With the **Skunk**, manpower expenses are lowered dramatically, as fewer police officers can quickly and effectively restore order in relatively large area.

The **Skunk** is the result of years of resource-intensive development aimed at producing a law enforcement tool that is inexpensive, safe and effective, while also posing no threat to the environment.

Skunk is in operational use by the Israel National Police and the IDF since 2008.

HOMELAND SECURITY SYSTEMS

TSG IT ADVANCED SYSTEM LTD.
P.O.Box 58180
Tel Aviv 6158101, Israel
Tel: 972-3-5483555
Fax: 972-3-5483700
E-mail: tsg@tsgitsystems.com
Web Site: www.tsgitsystems.com

TSG is a global system integrator and provider of C4ISTAR, HLS and Cyber Security solutions with a track record of over 40 years in successful development and delivery of mission-critical, turnkey solutions to various defense forces, governmental agencies, municipalities and Tier 1 corporations worldwide.

TSG's integrated systems provide our customers around the world advanced technology capabilities for addressing the emerging threats that have developed to endanger our modern way of life. TSG's operational and technical expertise is helping governments, municipalities and law enforcement agencies to encounter these threats, predict and prevent attacks, handle incidents with an effective response and keep cities and communities safe.

Safe City
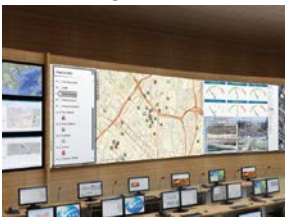
City wide tailored data driven security management solution for monitoring, detection, prevention and alert of public safety risks and optimized emergency response

B-Guard

A comprehensive, integrative approach for border and critical Sites protection. Providing tailored solutions for data integration, operational reporting & control and force tasking

Video Analytics
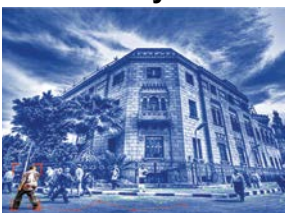
An innovative analytics fusion engine transforming the use of visual data in urban environment by automatically detecting suspicious behavior and reducing false alerts in dense arenas

EMS

Emergency Management System for mission planning, optimized utilization of resources and effective communication with the public in both crisis and disaster situations and day-to-day operations

UTC SPECIALIZES IN MARINE ACOUSTICS PRODUCTS AND UNDERWATER SECURITY SYSTEMS

Underwater Technologies Center LTD.
8 Omarim St., Baran Building
P.O.Box 3003
Omer 8496500, Israel
Tel: 972-72-2153153
Fax: 972-8-6900466
E-mail: info@utc.co.il
Web Site: www.utc-digital.com

UTC rapidly transforms ideas and requirements into prototypes and products, utilizing an extensive understanding of the underwater channel, together with state of the art equipment.

At UTC, mechanical, electronics, software and acoustics engineers, physicists and technicians, team together to build trustworthy products to spec. Adopting innovative technologies, we create new ideas, concepts and designs, ultimately developing and commercializing these products.

We provide an incomparable combination of leadership, an experienced multi-disciplinary team, leading-edge engineering and excellent client working relationships.

Our proven underwater operational and security systems are testimony to our abilities.

Contact UTC for additional information and your next project.

Top side underwater communication system and modem

UDI WRISTunit — UDI-28 Wrist Unit

The UDI™ 28 is a computation hardware device combined with software applications. It implements wireless underwater digital acoustic communication capabilities, digital compass, navigation or tracking of acoustical signals, with a high accuracy for targeting, navigation and location of a lost diver. The U-28 is operational and serves daily in thousands of locations around the globe.

UDI DDS — Divers Detection System

Navies and coast guards are tasked with threat evaluation, vessel identification, tactical deployment and mission management while defending their maritime boundaries. UTC's complete system effectively supports coastal areas, harbors and critical sites with a comprehensive system that includes sonars, underwater communications and more.

U-28 wrist unit communicator

U-14 wrist unit communicator

Sonars of the U-DDS system

VERINT CYBER SECURITY SOLUTIONS

New Perspective. New Defense.

VERINT SYSTEMS LTD.

33 Maskit St.,
Herzliya 4673333, Israel
Tel: 972-9-9622300
Fax: 972-9-9624747
E-mail: marketing.lis@verint.com
Web Site: www.verint.com

Verint Threat Protection System transforms the way organizations protect their critical assets from advanced cyber attacks. This unified, intelligence-driven platform detects breaches across the attack chain, providing cyber analysts with the insights they need to hone in on and stop attacks in their path. Verint Threat Protection System combines intelligent multi-vector attack detection, automated investigation, deep forensics and actionable response in a single pre-integrated platform.
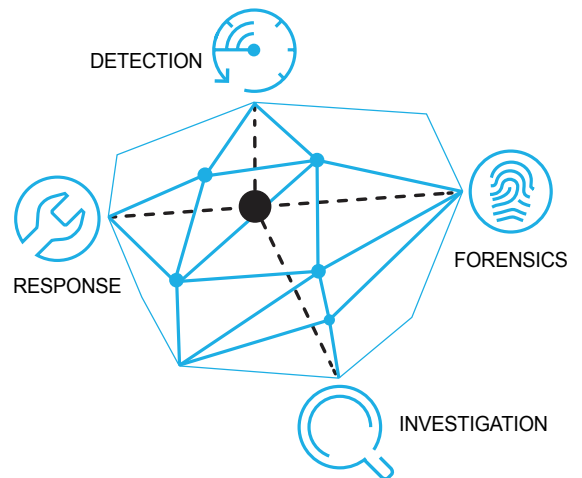
VERINT THREAT PROTECTION SYSTEM

- Simplified cyber investigations
- Faster threat detection and response
- Actionable cyber intelligence
- Improved analyst productivity

Verint Threat Protection System is ideal for organizations that place a premium on cyber security:

Government
Government agencies, ministries, CERTs and e-government entities use Verint Threat Protection System to maximize threat visibility, streamline security operations and preserve existing investments.

Enterprise
Verint's automated, intelligence-driven platform helps security operations gain comprehensive threat visibility, alleviate alert fatigue, reduce investigation times and boost analyst productivity.

Industrial Networks
Critical utilities and manufacturers are using Verint's government-grade solution to protect their IT and OT (SCADA) networks from targeted cyber attacks.

Managed Security Service Providers
MSSP partners have deployed Verint Threat Protection System to deliver premium cyber security-as-a-service, enhance customer value and generate new revenues.

MARITIME DATA
AND ANALYTICS

WINDWARD °

WINDWARD

2 Hashlosha St.,
Tel Aviv 6706054, Israel
Tel: 972-3-6033956
E-mail: info@wnwd.com
Web Site: www.wnwd.com

SIGINT, HUMINT, GEOINT, OSINT

MARINT

Unlocking the secrets of the maritime domain and delivering insights:

TACTICAL   OPERATIONAL   STRATEGIC

WINDWARD °

WINTEGO - YOUR LONG-TERM CYBER INTELLIGENCE PARTNER

WINTEGO

Wintego is a developer of advanced cyber intelligence solutions for remotely extracting secured data from targets' mobile phones and web accounts

WINTEGO
2 HaTa'asiya St.,
Yokneam Ilit, Israel
Tel: 972-72-2151503
Fax: 972-4-8275988
E-mail: contact@wintego.com
Web Site: www.wintego.com

A multi-vector approach for remote data extraction

Wintego develops multi-vector cyber intelligence solutions that combine advanced data-extraction engines and injected cyber agents, to remotely extract your targets' secured target data from web and cloud accounts, as well as mobile phones and laptops.

End-to-end solutions

We design our end-to-end products to cover the entire data extraction process-from accessing your targets' devices to analyzing the collected data.

Front-end tactical system for gaining initial access over Wi-Fi

A force multiplier for cyber intelligence

Our unique cross-resource approach provides a rich intelligence picture of all target activities, including the contents of chat apps, text messages, calls, email accounts, social networks, detailed contact lists, calendar events, photos, real-time locations, and more.

Unique operating concept

The solution utilizes a combination of front-end systems to gain access to targets' secured data via Man-in-the-Middle (MitM) interception using WiFi, cellular (3G / 4G) and fixed networks; and back-end systems for remote data extraction.

Your long-term cyber intelligence partner

Wintego's team of highly-experienced cyber professionals is focused exclusively on providing advanced cyber capabilities that work in the real world, now and in the future. The company's solutions have been deployed by numerous government agencies around the globe.

Contact us to learn more.

X-Test unique solutions for training and security operations provide the most advanced technology for detecting current and evolving threats.

X-TEST
Member of the TAMAR GROUP

20 Harduf Hanehalim St.,
P.O.Box 3215
Caesarea 3088900, Israel
Tel: 972-4-9577777
Fax: 972-4-9577799
Email: info@x-test.com
Website: www.x-test.com

Explosive Inert Products

- Plastic Explosives
- Commercial Explosives
- Blasting Caps
- Mechanisms
- Initiators
- Timers / Switches
- Inert Explosives Concealed In Various Items

- EOD specifications
- CT and X-ray compatible
- Trace Quality Control (TQC) inert explosives

K-9 Training Kits

- K-9 Scent detection proficiency training, non-detonatable explosive compounds
- Field tested to maintain proficiency for certification
- Non-ATF regulated
- Long shelf life and realistic training with actual explosive odor

- C4
- RDX
- Semtex
- Dynamite
- TNT
- Anfo

More simulants are available upon special request

Training and Courses

- K-9 handlers
- EOD seminars
- SWAT/EOD courses
- Unique EOD training scenarios
- Aviation Security courses
- IED and Booby Traps courses

Training Software

- Security Personnel Training
- X-Ray Simulator
- Operation Management System
- Certification Programs and Tests

INDICES

INDEX OF COMPANIES

A.D. CONSULTANTS GROUP

7 Golda Meir St.,
Science Park
Nes Ziona 7403650, Israel
Tel: 972-8-9313600
Fax: 972-8-9404317
E-mail: adcon@adcon.co.il

Managing Director:
L.T. Col. (R) Gaby Peretz
Number of Employees: 30
Date Established: 1987

Areas of activity

A.D. Consultants has been dealing in military and security supplies of new and surplus equipment, as well as consultancy services.
Our worldwide network of agents and suppliers enable us to provide special deliveries either by sea or air, to all destinations.

AERONAUTICS LTD.

P.O.Box 169
Yavne 8110101, Israel
Tel: 972-8-9433600
Fax: 972-8-9328912
E-mail: info@aeronautics-sys.com
Web Site: www.aeronautics-sys.com

C.E.O: Mr. Amos Mathan
V.P. Marketing: Mr. Dany Eshchar
Number of employees: 680
Date established: 1997
Ownership: Public

Areas of activity

Aeronautics Ltd. is a global leader in the area of unmanned systems (UAVs). With core technologies in the areas of C^4I, navigation, communication, and electro-optics, Aeronautics offers its customers a full spectrum of superior ISTAR solutions at air, sea and on land.

AERO-SENTINEL LTD.

16 Modi'in St.,
Petach-Tikva 4927165, Israel
Tel: 972-3-5444102
Fax: 972-3-9212348
E-mail: israel@aero-sentinel.com
Web Site: www.aero-sentinel.com

C.E.O: Mr. Israel Vaserlauf
Mobile: 972-52-5838944
Technical Inquiries:
Mr. Ezra Lebovitch
Mobile: 972-50-7961122
Number of employees: 12
Date established: 2012
Ownership: Private

Areas of activity

Aero-Sentinel is an Israeli UAV manufacturer.
We provide solutions of multi-rotor UAVs for the defense, security and civil authorities.
Aero-Sentinel's wide range of quadcopters are the **most efficient in the world** with up to 80 minutes flight. The drones missions are: detect and assess threats, search and rescue, and act as first responders, with maximum reliability and cost-effective operation.
Sentinel drones are equipped with **dual day and night camera**, **secured communication**, and are operated from a profetional Ground Control System.

AEROTACTIX (ISRAEL) LTD.

68 Amal St.,
Petah Tikva 4951368, Israel
Tel: 972-3-9215720
Fax: 972-3-9215434
E-mail: sales@aerotactix.com
Web Site: www.aerotactix.com

C.E.O: Mr. Roei Itshakov
Number of employees: 10
Date established: 2008
Ownership: Private

Areas of activity

AeroTactiX unmanned solutions develops and provides high end mini UAV systems that are compact, simple to operate, and highly capable.
The systems are developed according to the experience and knowledge accumulated in thousands of operational missions.
Designed for use in military and homeland security missions, AeroTactiX's systems excel in every ISTAR mission.

AUTOMOTIVE ROBOTIC INDUSTRY LTD.

41 Derech Haemek St.,
Nazareth 1710501, Israel
Tel: 972-50-7373734
Fax: 972-4-6558103
E-mail: info@amstaf-ugv.com
Web Site: www.amstaf-ugv.com

C.E.O: Mr. Ronen Fishman
C.F.O: Mr. Oded Koritshoner
C.T.O: Mr. Shimon Shamai
Number of employees: 7
Year established: 2010
Ownership: private
(Zvi Neta, Amos Goren)

Areas of activity

Automotive Robotic Industry Ltd. (ARI) specializes in developming, manufacturing, and marketing of autonomous robotic systems.
Our solutions for the various types of missions keep human operators safe in dangerous and hazardous missions, and save on resources (time and budgets) during ordinary routine.
AMSTAF UGV, the company's prime product, is a multi-mission, amphibious, integrated Unmanned Ground Vehicle (UGV) system, with swarming capabilities, back to home and follow- me mode.
Various payloads can be installed on the vehicle, it was designed for use in diverse military, HLS and law enforcement applications, such as border patrol and others.

B.A. MICROWAVES LTD.

P.O.Box 25482
Haifa 312540, Israel
Tel: 972-4-8202715
Fax: 972-4-8202716
E-mail: b.gilboa@bamicrowaves.co.il
        bamw@bamicrowaves.co.il
Web Site: www.bamicrowaves.co.il

V.P BizDev: Mr. Bentzi Gilboa
C.E.O: Mr. Tamir blum
Number of employees: 22
Date established: 1993
Ownership: Private

Areas of activity

BA Microwaves specializes in developing and supplying cutting edge telemetry link solutions
- Leading developer and manufacturer of telemetry links
- Leading supplier for the Defense Industry in Israel
- Agile links, adaptable to a variety of platforms, requirements and formats
- Proven track record with Thousands of BA aerial and ground platforms already installed
Our PCM/FM and SOQPSK systems are designed as a building block for multiple platforms, thanks to the field configuration of the transmitter/receiver parameters that allows users to configure specific, modulation, bandwidth, bitrate and many other parameters.

BEEPER COMMUNICATIONS ISRAEL LTD.

147 Bialik St.,
Ramat Gan 52522341, Israel
Tel: 972-3-6100064
Fax: 972-3-6104396
E-mail: info@beepergroup.com
Web Site: www.beepergroup.com

Senior Vice President, Head of the
Business Unit Network Products &
Public Alert Systems:
Mr. Moshe Levinson
E-mail: moshel@beeper.co.il
Tel: 972-3-6104321
Marketing & Business Development
Manager USA &South America:
Mr. Asa Yanai
E-mail: asa.yanai@beepergroup.com
Tel: +1 (917) 848 3753
Number of employees: 400
Date established: 1988
Ownership: private

Areas of activity

Beeper Communications Israel is a
leading provider of emergency
communication and critical
messaging services for security,
military, and homeland defense. With
cost effective, end-to-end solutions
based on its wireless communication
infrastructure.
One of the flagship product is the
IE-5000 MULTI-WAN CHANNEL
BONDER – XTREME - , which
provides a Software-Defined Wide
Area Network (SD WAN) for
broadcast quality mobile video, voice
and data solutions that go live
instantly, providing live streaming
video in and out from the bonder
on demand – anytime, anywhere
and on any existing network.

BEIT-ALFA TECHNOLOGIES LTD.

Kibbutz Beit-Alfa
1080200, Israel
Tel: 972-4-6533060
Fax: 972-4-6533504
E-mail: info@bat.co.il
Web Site: www.bat.co.il

Managing Director: Mr. Ronen Zahavy
Number of employees: 50
Date established: 1966
Ownership: Kibbutz Beit Alfa

Areas of activity

- Riot Control Vehicle - various
  different models have been
  manufactured with the most
  advanced BAT new generation
  computerized "JET PULSE" water
  cannon system.
- Bullet Proof Armored Vehicles - for
  police, military VIP transportation,
  cash in transit vehicles.
- Special Purpose Vehicles - fire
  fighting and rescue vehicles, airport
  crash tenders, rapid intervention
  vehicles, ambulances, mobile
  clinics and command vehicles.
- WRS - non-lethal Water Restrain
  System designed specifically to
  control dangerous inmate situations
  in correctional facilities.

BETH-EL ZIKHRON YAAQOV INDUSTRIES LTD.

1 Avshalom Road
P.O.Box 166
Zikhron Yaaqov 3095101, Israel
Tel: 972-4-6299904/05
Fax: 972-4-6299900
E-mail: export@beind.com
Web Site: www.beind.com

Managing Director:
Mr. Albrecht Fuchs
Export Director: Mr. Joachim Blind
Head of International Sales &
Marketing: Mr. Jehudah Fehlauer
Number of employees: 1,000
Date established: 1973
Ownership: Private

Areas of activity

Beth-El is a major supplier for
combined ventilation & NBC filtration
systems as well as combined air
conditioning, ventilation & NBC
filtration systems, engine air cleaners,
blast valves, fuel pumps and other
subsystems.
Beth-El systems are installed in
numerous platforms like the Merkava
MBT, Namer APC, Piranha IIIC,
Piranha V, Duro IIIP, Eagle IV, new
Eagle, Dingo II, Boxer, VAB Mark II,
Cobra, YAK and dozens of other
vehicle types.
Systems for containers, tents,
shelters and infrastructure are as well
in the scope of the Beth-El product
line.
Some of the key features of Beth-El
systems include: coarse and fine dust
filtration; toxic shooting fumes
filtration; CAN-bus control; meeting
important military standards, such as:
NATO AEP-54, MIL – PRF – 321387,
AC 225 (PANEL VII) D/251, and
German TL Standards, amongst other
Standards.
Beth-El's systems are in service with
more than 60 armies worldwide.

CAMERO-TECH LTD.

Grand Netter Industrial Zone
Intergama Building
P.O.Box 3521
Kfar Netter 4059300, Israel
Tel: 972-73-7172333
Fax: 972-73-7172323
E-mail: info@camero-tech.com
Web Site: www.camero-tech.com

C.E.O: Mr. Amir Beeri
V.P.BD, Sales & Marketing:
Mr. Ilan Abramovich
Date established: 2004
Ownership: Private

Areas of activity

Camero is a leading provider of Radar based tactical through-wall imaging solutions.
The Xaver™ products have become the solution of choice for military and law enforcement agencies throughout the world, including:
Xaver™ 800 - high performance 3D imaging solution for ISR applications
Xaver™ 400 - small and lightweight tactical tool providing mission-critical information
Xaver™ 100 - a compact handheld through-wall detector

CARMOR - INTEGRATED VEHICLE SOLUTIONS LTD.

P.O.Box 639
Ind. Zone Ziporit
Nazareth Elite 1710502, Israel
Tel: 972-4-6410641
Fax: 972-4-6418555
E-mail: info@carmor.com
Web Site: www.carmor.com

Executive Director:
Mr. Roy Riftin (BG reserve)
V.P Marketing & Business
Development: Mr. Gabi Davidson
C.F.O: Mrs. Sharon Malul
Number of employees: 150
Date established: 1947

Areas of activity

Design and Manufacture of Armored vehicles, Aircraft Refuellers, Tankers, Fire fighting and Rescue vehicles, Riot Control vehicles, Comprehensive solution of NBC vehicles,Tank transporter, Add-on Armor design and solution, Trailers and Wagons. We have the ability and capability to meet the customer's needs while offering the most cost effective tailor-made solution.

CONTACT INTERNATIONAL (KALIA) LTD.

P.O.Box 18434
Jerusalem 9118301, Israel
Tel: 972-2-5354565
          972-2-5354057
Fax: 972-2-5354566
E-mail: marketing@contact-kalia.com
Web Site: www.contact-kalia.com

Managing Director:
Mr. Zev Kaptowsky
Marketing & Business Development
Manager: Mr. Alon Mayer
Export Manager: Ms. Tali Ohayon
Number of employees: 10
Date established: 1979
Ownership: Private

Areas of activity

Supply of surplus military equipment for ground forces, air force and navy, including:
- Arms and ammunition
- Weapon spare parts and accessories
- Personal equipment and gear
- Military inventory
- Combat vehicles and spare parts
- Aircraft spare parts and components
- Own storage and processing facilities

CONTROP PRECISION TECHNOLOGIES LTD.

P.O.Box 611
Hod Hasharon 4510502, Israel
Tel: 972-9-7440661
Fax: 972-9-7440662
E-mail: sales@controp.com
Web Site: www.controp.com

C.E.O: Mr. Dror Sharon
V.P. Marketing: Mr. Hagay Azani
Director, Marketing &
Communications: Mrs. Lori Erlich
Number of employees: 260
Date established: 1988
Ownership: Private

Areas of activity

CONTROP specializes in the development and production of innovative Electro-Optical Infrared (EO/IR) Camera Systems for Surveillance, Reconnaissance, Defence & Homeland Security Applications.
Main product lines:
Intruder Detection Systems for coastal, port/harbour, airport and border surveillance
Stabilized Observation Payloads for day/night surveillance on UAVs, SUAVs, aerostats/balloons, helicopters, aircraft, maritime patrol boats and ground vehicles
Thermal Imaging Cameras and more
CONTROP's products are in 24/7 operational use in many of the most critical HLS and defense programs worldwide.

See pages: **44, 45**

CYBERBIT LTD.

22 Zarhin St.,
Ra'anana 4310602, Israel
Tel: 972-9-7799800
Fax: 972-9-7799868
E-mail: info@cyberbit.com
Web Site: www.cyberbit.com

C.E.O: Mr. Adi Dar
V.P. Marketing:
Mr. Sharon Rosenman
Number of employees: 500
Date established: 2015
Ownership: Elbit Systems Ltd.

Areas of activity

Cyberbit revolutionizes cybersecurity operations by providing the first analytics-driven product suite for managing the entire incident lifecycle across IT and critical infrastructure networks.
Cyberbit's products help organizations prevent breaches, increase cyber resilience and improve their security team's efficiency by detecting advanced threats, managing incidents from detection to response, and training their teams in advanced, simulated environments.

See page: **46**

DEFENSE TECHS LTD.

67 Chaim Lebanon St.,
P.O.Box 39290
Tel Aviv 6139201, Israel
Mobile: 972-50-4551284
E-mail: info@defensetechs.com
Web Site: www.defensetechs.com

General Manager:
Mr. Matias Schapiro
Number of employees: 10
Date established: 2012
Ownership: Private

Areas of activity

We have over 17 years experience in Homeland Security, Defense and Civil protection. DefenseTechs works in partnership with the leading experts in each of the Security and Defense fields, and represent many technology companies mostly Israelis, as well as providing constant innovations and know how in the field.

See page: **47**

DEMOMAN INTERNATIONAL LTD. - Security & Defense Solutions

P.O.Box 3896
Nazareth Illit 1752606, Israel
Tel: 972-50-5901655
Fax: 972-4-6561632
E-mail: info@demoman.co.il
Web Site: www.demoman.co.il
          www.suicide-terrorism.com

C.E.O: Mr. Tal Hanan
Head of Strategy Department:
Col. (Res.) Dr. Hanan Shai (Shcwartz)
Chief Instructor: Mr. Samuel Bashan
Date established: 1999
Ownership: Private

Areas of activity:

INTELLIGENCE
- Financial Intelligence
- Intelligence Operations
- Information gathering and Analysis

STRATEGY DEPARTMENT:
- Strategic Intelligence
- Strategic, Multi-National, Financial Investigations
- Counter Terrorism Funding and Money Laundering
- Crisis Management and turning Risk into Opportunities
- Rapid Decision-Making and Coping with Uncertainty
- Operational Concepts and Operational Field Solutions

SUICIDE TERRORISM & BOMB SECURITY DEPARTMENT:
- Counter Suicide Terrorism in HLS environment (www.suicide-terrorism.com) and Bomb Security Training and Consulting
- Explosives Detection
- Anti-Sabotage Awareness

SECURITY DEPARTMENT:
- Terrorism Awareness, and Countering Terrorism Trends
- Experience Sharing - Rapid Deployment Security Training
- Executive Protection Training and Consulting
- Disaster security and logistical support (Including Medical Support and Supplies)
- Defense Systems and Security Supplies

See page: **48**

DIGNIA SYSTEMS LTD.

9 Shenkar St.,
Herzlia 4672509, Israel
Tel: 972-74-7200700
Fax: 972-9-9612021
E-mail: recp-d@dignia.com
Web Site: www.dignia.com

C.E.O: Mr. Itzhak Tzadik
Ownership: Private

Areas of activity

Dignia Systems is a global leader and trusted provider of Security and Defence solutions. Our customers include military and internal security organizations, intelligence and law enforcement agenices worldwide. With over 25 years experience we bring reliable field-proven technology, backed by professional expertise and "real world know-how" to any large scale government project.
Dignia holds a large variety of products such as: Border control integrated projects, forensic laboratories, intelligence solutions, special forces trainings etc.

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DSIT SOLUTIONS LTD.

2 Rechavam Zeevi St.,
Givat Shmuel 5401777, Israel
Tel: 972-3-5313333
Fax: 972-3-5313322
E-mail: marketing@dsit.co.il
Web Site: www.dsit.co.il

C.E.O: Mr. Benny Sela
V.P Sales & Marketing:
Mr. Dan Ben-Dov
Number of employees: 85
Date established: 1985

Areas of activity

DSIT provides sonar & acoustic solutions for naval, HLS and energy markets. Our Shield™ family of Diver Detection Sonars considered as a world leader, with fully automatic operation and excellence of performance. Other leading products:
- Blackfish™ Hull Mounted Sonar - advanced ASW system compact sonar with superior performance and minimal footprint on the vessel
- SeaShield™ – Submarine Detection Sonar
- Sonar simulators and Full Mission Submarine Tactical Trainers
- Acoustic Signal Analysis system
- Portable Acoustic Ranges (PAR)
- LightLine™ - Fiber-Optic Sensing solution provides up to 100 km of a continuous surveillance per fiber-optic processing unit through its advanced DAS (Distributed Acoustic Sensing) technology

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ELBIT SYSTEMS LTD.

Advanced Technology Center
P.O.Box 539
Haifa 3105301, Israel
Tel: 972-4-8315315
Web Site: www.elbitsystems.com

President & C.E.O:
Mr. Bezhalel (Butzi) Machlis
Executive V.P. International Marketing
& Business Development: Mr. Ran Kril
Senior Director, Marketing
Communications: Mrs. Roni Ganani
Number of employees: 12,000
Date established : 1966
Ownership: Public Co.
Major shareholder: Federmann Group
NASDAQ Global Market: ESLT

Areas of activity
- Defense & Commercial Airborne
  Systems & Simulators
- Unmanned Systems
- C^{4}I - Command, Control,
  Communications, Computers and
  Intelligence
- ISR & Electro-optical Sysetms
- Combat Vehicle Systems
- Naval Systems
- EW & Countermeasures
- Radio Communication & Data Links
- Homeland Security
- Support & Services

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ELTEL TECHNOLOGISTICS LTD.

7 Martin Gehl St.,
Kiryat Arye
Petach Tikva 4951254, Israel
Tel: 972-3-9205253
Fax: 972-3-9205200
E-mail: sales@eltel.co.il
Web Site: www.eltel.co.il

C.E.O: Mr. Shmulik Rosental
Number of Employees: 300
Date established: 1979
Ownership: Malam Team

Areas of activity
Eltel Technologistics Ltd. Is a leading
defense provider of technological and
logistics solutions that specializes in
the field of training and simulation:
- Advanced live fire training
- Digital shooting ranges
- Scenario simulation (urban combat
  training, pyrotechnics,
  smoke, etc.)
- Exercise monitoring, debriefing and
  performance analysis.
- Synthetic Arena Simulation (SAS)
- Competence and Readiness
  Performance Management
  (CRPM) - an advanced BI system
  that supports the decision making
  process along the chain of
  command
- LVC
- Virtual Reality training
- Decision Support System (DSS)

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EMTAN KARMIEL LTD.

P.O.Box 273
Karmiel 2191300, Israel
Tel: 972-4-9987531
Fax: 972-4-9988981
E-mail: info@emtan.co.il
Web Site: www.emtan.co.il

Number of employees: +120
Date established: 1977
Ownership: Private

Areas of activity
EMTAN is an Israeli Manufacturer of
small arms with over 40 years of
experience and knowledge.
EMTAN manufacture the MZ Rifle
family: MZ-4, MZ-15, MZ-47, MZ-300
And other models. Based on the
known AR15, EMTAN's small arms
are designed and manufacture
according to MIL-SPEC to suite the
outmost requirements of any army or
police force.
EMTAN can offer upgrading parts and
knowledge for clients that wishes to
upgrade their existing issued fire
arms instead of replacing them with
new ones.
EMTAN M4/M16 Parts are fully
compatible with other standard issue
rifles.

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G.M. AFCON
SECURITY TECHNOLOGIES L.P.

4 Hatavor Lane
Segula Industrial Area
Petach-Tikva 4969104, Israel
Tel: 972-9-7662965
Fax: 972-9-7662964
E-mail: info@gmsecurity.com
Web Site: www.gmsecurity.com

Managing Director: Mr. Gil Malec
Export Director: Mr. Martin Kowen
Number of employees: 10
Date established: 1996
Ownership: Limited Partnership – Part
of Afcon Group

Areas of activity

GM specializes in the development
and manufacture of PERIMETER
SECURITY INTRUSION DETECTION
SYSTEMS, providing security
solutions for integrated INDOOR and
OUTDOOR applications.

Perimeter Security Intrusion
Detection Systems

- V-Alert Intrusion Detection Systems
- Electric Security Fencing System
- LineCOMM Communication and
  SecurCOMM Central Monitoring
  System Software
- Integrated Perimeter Security
  System Solutions – Turnkey
  Projects

Typical Applications

- Airports and Public Sector Strategic
  & High Security Applications
- Industry - Industrial Parks, Factories
  & Warehouses
- Utilities - Water, Electricity & Gas
  Installations
- Energy Sector - Power Plants &
  Solar Energy Fields
- Telecommunication - Infra-structure
  & Remote Antenna Sites
- International Borders

HAGOR INDUSTRIES LTD.
MILITARY EQUIPMENT
MANUFACTURING

13 Shenkar St.,
P.O.Box 3211
Kiryat Arie
Petach-Tikva 4951601, Israel
Tel: 972-3-9248990
Fax: 972-3-9243996
E-mail: michal@hagor.co.il
Web Site: www.hagor.com

C.E.O: Mr. Haim Frenkel
Production Manager:
Mr. David Frenkel
Export Manager:
Mrs. Michal Frenkel-Bitton
Number of employees: 70
Date established: 1952
Ownership: Private

Areas of activity

Production, marketing and sales of
armored vests of many different
kinds, battle vests for infantry units,
armored corps, demolition squads,
medical units, anti-terror units, naval
commando, etc. Winter gear - long
and short cold parkas and overalls.
Rucksacks, kitbags, sleeping bags,
stretchers, field cots, carriers, special
personal gear. Unique, reinforced
PVC vehicle covers for all kinds of
trucks, jeeps, command cars etc. All
kinds of tents, from personal tents to
giant hospital and camp tents.

HIGHTECH SYSTEMS LTD.

P.O.Box 65184
Tel-Aviv 6949218, Israel
Tel: 972-3-6414306
          972-3-6418265
Fax: 972-3-6415930
E-mail: is_hightech@hslrl.com

C.E.O: Mr. Rony Lerner
E-mail: ronylr@hslrl.com
Number of employees: 8
Date established: 1988
Ownership: Private

Areas of activity

HighTech Systems Ltd. specializes in
meeting the needs of our clients
worldwide. The company brings
together field trained experts and
technologically advanced specialists
to provide optimal solutions for any
mission or activity. The company
focuses on developing specialized
equipment, advanced technology,
procedures, training and missions.

Main Products / Services:

MRAP – Mine Resistant Armor
Protected Vehicles
Riot Control Equipment + Riot Control
Vehicle
APC – Armored Personnel Carriers
Mobile I.E.D.D./E.O.D System
Personal Protection Gear
Covert communications
Transfer of Knowhow
Mobile Clinics

HOY2050 LTD.

P.O.Box 15156
Ganot Hadar 4293000, Israel
Tel: 972-9-8874475
Fax: 972-9-8874475
E-mail: yoely@hoy2050.com
Web Site: www.hoy2050.com

C.E.O & Founder & Director:
Mr. Yoely Or , Col. Res.
Cell: 972-54-4770930
Number of employees: 12
Date established: 2008
Ownership: Private

Areas of activity

HOY is a highly professional and experienced HLS project leader as well as **providing solutions** for emergency deployment for institutions **in the private and public sector**. The first stage in a project involves analysis of the target needs and the suitability of any or a combination of the following:
- Smart City
- Forensic Analysis and Solutions
- Civil Defense, Emergency & Response
- Perimeter Protection

Our Vision:
A leading organization providing security project-management in the field of homeland security (HLS), emergency deployment and associated business entrepreneurship in the private and public sectors in Israel and around the world.

IAI
ELTA SYSTEMS LTD.

100 Yitzchak Hanasi Blvd.
P.O.Box 330
Ashdod 7710202, Israel
Tel: 972-8-8572410
Fax: 972-8-8561872
E-mail: market@elta.co.il
Web Site: www.iai.co.il

President & C.E.O of IAI, Chairman of the Board of ELTA: Mr. Joseph Weiss
IAI Executive V.P & ELTA President: Mr. Nissim Hadas
Senior V.P: Mr. Yacob Saraf
Senior V.P: Mr. Moshe Lippel
Senior V.P: Mr. Tal Sagee
V.P., General Manager, Land & Naval Radars and Systems Div.: Mr. Israel Lupa
V.P., General Manager, Airborne Systems & Radars Div.: Mr. Gideon Landa
V.P.,General Manager, SIGINT, EW & Communication Div (acting).: Mr. Ran Sade
V.P.,General Manager, Cyber Div.: Ms. Esti Peshin
V.P.,General Manager, Integrated Microwave Systems Div.: Mr. Yosef Fouks
V.P.,General Manager, Technologies Div.: Mr. Ronen Zagoory
Director, Group Marketing & Sales Div.: Mr. Igo Licht

Areas of activity

Military and Para-Military Systems House based on Electromagnetic Sensors (Radar, Electronic Warfare and Communication) & Advanced Technologies, for Intelligence, Surveillance & Reconnaissance, Early Warning, Air Defense, Weapon Location, Self-Protection, Target Acquisition, Fire Control, Signal Intelligence, Electronic Warfare , Home-Land Security and Cyber Applications.

IMI SYSTEMS LTD.

P.O.Box 1044
64 Bialik Blvd.
Ramat Hasharon 4710001, Israel
Tel: 972-3-548-5222
Fax: 972-3-548-6125
E-mail: imimrktg@imisystems.com
Web Site: www.imisystem.com

Chairman of the Board:
Mr.Yizhak Aharonovich
President & C.E.O: Mr. Avi Felder
V.P. Marketing: Mr. Avinoam Zafir
V.P. Finance & Control:
Mrs. Zmira Ganani
V.P. Research & Development & Business Development:
Dr. Dan Peretz

Areas of activity

Established in 1933 as Israel Military Industries, IMI Systems Ltd. is a globally recognized defense systems house specializing in the development, manufacture, marketing and implementation of end-to-end combat proven solutions for the land, air, naval and homeland security (HLS) requirements of the modern battlefield.
As a reputable company positioned among the world's leading defense solution providers, IMI Systems exports 70% of its products to its customers around the world. The advanced defense systems offered by IMI Systems were developed based on extensive operational experience, advanced technology and exclusive methodologies, and are used by the IDF, US Military (Air Force, Army and Navy), NATO nations and military and government agencies in over 70 countries worldwide.
The nationwide company is wholly owned by the Government of Israel, employs 3200 employees in 6 business units: Armor, Infantry, Artillery, Air, HLS and Small Caliber Ammunition, as well as in its variety of manufacturing, test and laboratory' facilities, and has two subsidiaries: the IMI Academy for Advanced HLS Training and Ashot Ashkelon Ltd.

IMI SYSTEMS HLS DIRECTORATE

P.O.Box 1044
64 Bialik Blvd.
Ramat Hasharon 4710001, Israel
Tel: 972-3-5486221
E-mail: Guy.lalush@imisystems.com
Web Site: www.imiacademy.com

Head of Directorate: Mr. Nir Regev
Marketing Director: Mr. Guy Lalush

Areas of activity

As a turnkey solutions provider, the HLS Directorate of IMI Systems offers fully integrated, end-to-end multi-layer and multidisciplinary solutions designed to address the changing needs of governments, security agencies and corporations around the world.
IMI's state of the art comprehensive, holistic security solutions are tailored to customer's specific requirements and include consulting services, know-how, doctrine, methodology, and training provided by the IMI Academy for Advanced HLS Training, along with best of breed equipment, technologies, implementation and continued support.
Each solution is based on the Directorate's global experience and proven capabilities in the following areas:
- Security
- Public Security
- Civil Defense
- IMI Academy for HLS training

IMI ACADEMY FOR ADVANCED HLS TRAINING

P.O.Box 1044
64 Bialik Blvd.
Ramat Hasharon 4710001, Israel
Tel: 972-8-9357040/1
Fax: 972-8-9357042
E-mail: academy@imisystems.com
Web Site: www.imiacademy.com

C.E.O: Mr. Moshe Elert
V.P Operation Manager & C.F.O:
Mr. Gabriel Mirila
Marketing Director: Mr. Guy Lalush

Areas of activity

As a leading training solutions provider for military, law enforcement, government agencies and commercial clients worldwide, IMI's Academy for Advanced HLS Training offers a spectrum of diverse training programs that can be conducted at the Academy's own advanced facilities
and / or at the customer's site around the world. Programs are tailored to meet customer's specific needs covering the following areas:
- Advanced security
- Public Safety
- Counter terror
- Search and Rescue
- Cyber security
- Intelligence

INKAS® ISRAEL

P.O.Box 564
7 Brussel St.,
Sderot 8714540, Israel
Tel: 972-8-6788121
Fax: 972-8-6488769
E-mail: info@inkas.co.il
Web Site: www.inkas.co.il

C.E.O: Mr. Arie Amitan
Number of employees: 35
Date established: 1984
Ownership: Private

Areas of activity

INKAS ISRAEL is a knowledge hub within Israel and acts as the expertise center for the end-to-end development of special purpose vehicles, composite materials and vehicle modifications in both local and foreign markets on a global scale. The company specialized in the engineering, development and deployment of armoring kits comprised of lightweight composite materials such as carbon fiber and Kevlar, as well as the implementation of communication systems, hydraulic components and other integrated solutions. INKAS ISRAEL deploys vehicles to military bases, law enforcement agencies as well as government institutions.
In operation for over 30 years, the company has solidified its foundation within the special purpose vehicle segment by supplying its mission-ready command and control units, cash in transit trucks, medical evacuation vehicles and surveillance units all over the world. INKAS ISRAEL has supplied the government of Israel with more command & control units than any other supplier in history. The level of expertise and dedication seen within the company's skilled workforce is an indicator and testament to the ongoing success and expansion of INKAS ISRAEL within the vehicle modification realm.

ISPRA
Israel Product Research Co. LTD.

20A Galgalei Haplada St.,
P.O.Box 2086
Herzeliya 4672002, Israel
Tel: 972-9-9555464
Fax: 972-9-9559146
E-mail: info@ispraltd.com
Web Site www.ispraltd.com

General Manager: Mr. Jacob Bialy
V.P. Marketing: Mr. Gidi Peled
Export Manager: Mrs. Chana Michaeli
Product Manager & Sales:
Mr. Sagi Koufman
Quality Assurance Manager:
Mr. Yohanan Stein
Number of employees: 30
Date established: 1969
Ownership: Dr. A. Jacobson

Areas of activity
Development, manufacturing, export
of less lethal ammunition, riot control,
antiterror equipment, police gear, and
personal protection devices.
Tear gas devices for short, medium
and long range operation.

See pages: **64, 65**

ISRAEL INSTITUTE FOR BIOLOGICAL RESEARCH -
Biology, Chemistry & Environmental Sciences

P.O.Box 19
Ness Ziona 7410001, Israel
Tel: 972-8-9381656
E-mail: mambi@iibr.gov.il
Web Site: www.iibr.gov.il

Head of Marketing & business
development:
Mrs. Sharron Harnoy
E-mail: sharronh@iibr.gov.il
Tel: 972-8-9381540
Number of Employees:
Approximately 370 Direct
Date Established: 1952
Ownership: Governmental

Areas of activity
The Israel Institute for Biological
Research (IIBR) is a governmental,
cutting-edge applicable research
institute, specializing in the fields of
biology, chemistry, environmental
sciences and risk management.
IIBR's core activities have generated
leading capabilities in: biochemical
processes, genomics, proteomics,
pathophysiology of various infectious
diseases and chemical exposures,
pharmacology, toxicology, synthesis
of small and large molecules,
bioinformatics, mathematical models,
remote sensing, monitoring,
advanced chemical analysis,
diagnostic microbiology,
environmental safety HAZMAT and
risk management.
IIBR works in compliance with Good
Manufacturing Practice (GMP) and
the ISO9001 and 14001 standards.

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ISRAGOR PROTECTIVE GEAR & SYSTEMS LTD.

3 Hagesher St.,
Hod-Hasharon 4526603, Israel
Mobile: 972-50-3227997
Tel: 972-9-7493105
Fax: 972-9-7493834
E-mail: isragor@zahav.net.il

President: Mr. Israel Goren

Areas of activity
Isragor develops, produces and
markets all over the world protective
military gear such as bullet proof
vests, battle harnesses, covers and
camping equipment.
Special department of the company
specializes in planing and
establishing dry storage systems for
military and civil uses.
The core business of the company
supplies all types of bullet proof
vests.

See page: **66**

KARIL INTERNATIONAL MARKETING LTD.

6 Maskit St.,
Herzliya 4614002, Israel
Tel: 972-9-9568212
Fax: 972-9-9568141
E-mail: karil@mistralgroup.com
Web Site: www.karil.com

General Manager: Mr. Ran Ofer
Business Development Manager:
Mr. Ben Atlan
Programs and Operation Manager:
Mr. Alon Ben-Kimhy
Number of employees: 12
Date established: 1996
Ownership: Private

Areas of activity

Karil offers manufactorers with consulting and representation services. Karil helps equipping Defense and Homeland Security agencies with advanced technologies and tools, to meet current and future challenges. Karil supports its partners through the full program life cycle. From requirements analysis and pre-sale activities through program management to after sale support. Karil is a registered supplier to the Israeli MOD, Military and Law Enforcement agencies. ISO 9001 and TRACE certified and a Registered Broker at the US Department of State.

KNOLLTECH LTD.

P.O.Box 108
Azor 5819002, Israel
Tel: 972-3-5585568
Fax: 972-3-5501601
E-mail: office@knolltech.com
Web Site: www.knolltech.com

C.E.O: Mr. Rimon Oved
V.P & C.T.O: Mr. Hagay Ramon
C.F.O: Mr. Yoram Caspi
Number of employees:
Date established: 1994
Ownership: Private

Areas of activity

The company manufacture specialty products integrating textile, metals, rubber, plastic and special fabrics combinations. Operates under the ISO 9001:2015 standards and holds "A" military quality control standard since 2004. Technical writing services, product evelopment-for institutional organizations, defense systems and government offices. Leading supplier for the IDF and Israel defense ministry for over 20 years.

STRENGTHS

Simplicity- keep it simple
Safe & Eco-friendly Environment-
Maintain safe working environment and Eco-Friendly production line
Quality- Quality products and cost affectivity

LDS
Laser Detect Systems (2010) LTD.

5 Granit St.,
Petah Tikva 4951623, Israel
Tel: 972-3-9705000
Fax: 972-3-6054566
E-mail: info@laser-detect.com
Web Site: www.laser-detect.com

Chairman & C.E.O: Mr. Eli Venezia
Number of employees: 25
Date established: 2004
Ownership: Private

Areas of activity

LDS is a world-leading developer of stand-off laser-based trace detection technology, based on advanced laser spectrometry. LDS has commercialized patented, ground-breaking systems for homeland security, law enforcement, military and environmental safety. These systems enable the stand-off, real-time sensing and trace detection of a variety of materials which have a distinct spectral signature without the need for sampling. These include explosives, PETN, narcotics, chemicals, biological substances, and other hazardous materials, in powder, bulks or liquid forms.

LIOR TEXTILE INDUSTRIES LTD.

Dora Ind. Zone
P.O.Box 11
Shlomi 2283201, Israel
Tel: 972-4-9808815
Fax: 972-4-9808816
E-mail: info@lior-protective.com
Web Site: www.lior-protective.com
www.concordusa-jackets.com

General Manager: Mr. Itshak Bookris
Marketing Manager: Mr. Haim Avnaim
Sales Manager: Mr. Lior Bookris
Number of employees: 75
Date established: 1976
Ownership: Private

Areas of activity
Developing, Designing, Manufacturing and global marketing of protective gear:
- Body armor for the army, police & V.I.P use
- Ballistic shields & Inserts
- Ballistic helmets
- E.O.D - Bomb Suits
- Tactical Vests
- CBRN protective Suits & Coveralls
- Extended Cold Weather Clothing System (ECWCS)
- Backpacks & Carrying systems
- Fire brigade suits, Nomex pilot & tanker coveralls, underwear
- Work wear outdoor clothing: including reflective rain suits
- Inflatable tent & stretcher
- Dry storage solutions

MAROM DOLPHIN LTD.

Industrial Zone Alon Tavor
P.O.Box 1126
Afula 1811101, Israel
Tel: 972-4-6400797
Fax: 972-4-6403074
E-mail: info@marom-dolphin.com
Web Site: www.marom-dolphin.com

C.E.O: Mr. Yariv Sagi
International Marketing Manager:
Mr. Shlomo Baime
Number of employees: 45
Date established: 1993

Areas of activity
Since founded in 1993, **Marom Dolphin** has established itself as one of the leading companies for developing, designing, manufacturing and marketing top quality tactical textile solutions such as: Tactical Vests, Body Armor Vests, modular carrying solutions, tactical backpacks and other accessories for armed forces, police units, security services and civilians around the world.
Among our customers are military, paramilitary, law enforcement and security organizations across the globe. We are the main authorized supplier of tactical textile solutions to the Israeli Military, the Israeli Ministry of Defense and many other governmental and private customers, worldwide.
Our products are manufactured and tested in accordance to
ISO 9001:2015 international standards as well as with the Quality Assurance standards of military forces worldwide, awarding them worldwide recognition for their high quality and durability.

MER GROUP

5 Hatzoref St.,
Holon 5885633, Israel
Tel: 972-3-5572555
Fax: 972-3-5580282
E-mail: info@mer-group.com
Web Site: www.mer-group.com

V.P Sales: Mr. Marcelo Robin
Number of employees:1,100
Date established:1982
Ownership: public

Areas of activity
Focusing on market leadership, MER Group is a world-leading integrator and innovator in the areas of HLS solutions, cyber, intelligence, big data, communication- infrastructure & tactical, emergency services, defense and more.
The Group offers a diversified portfolio and end-to-end technology-based solutions that include consulting, development, manufacturing, integration, implementation and maintenance. From developing intelligence platforms and comprehensive HLS and cyber solutions, through building advanced cell towers and deploying fiber optics communications network, to developing tactical communications systems, MER is innovative and forward thinking in all it does.

MIFRAM LTD.
6 Josef Levi St.,
P.O.Box 1165
Ind. Zone Kiriat Bialik
Zur Shalom 2711101, Israel
Tel: 972-4-8808800
Fax: 972-4-8745745
E-mail: sales@mifram.com
Web Site: www.miframsecurity.com

C.E.O & President: Mr. Amos Klein
V.P. Business Development:
Mr. David Noy
President Assistant: Mr. Ron Fischer
Number of Employees: 200
Date established: 1962
Ownership: Private

Areas of activity
Over 50 Years Providing Physical
Perimeter Security Solutions Globally!
Mifram Ltd. (Established 1962, Israel)
defense/military, security and
Homeland Security related projects.
**Specializes in designing,
manufacturing, supplying:**
- Force Protection Equipment -
  Modular, Portable Vehicle Barriers
  (MVB), Pre-Fabricated
  Observation/Guard Towers & Posts,
  Ballistic Partitions, Mobile Towers,
  Shelters Crowd Control Equipment,
  Protective Trash Bins.
- Ballistic and Blast Protection for
  Existing Buildings - Indoor
  Protection Systems, External
  Building Cover, Architectural
  Solutions.
Anti-missile architectural systems and
shelters against threat level of direct
impact by 122mm Katyusha rockets.
Customers: Military, Peace-keeping
Forces (USMC, US Army, MFO, IDF,
UN), Major Integrators & Government
Law Enforcement Agencies and
Suppliers (Police KBR, etc), Critical
Infrastructure, Private Sector (Nuclear
Power Plants, Airports, Sea Ports,
Ships etc).
Include solutions that have been
combat tested and deployment by
security, military and law enforcement
officials throughout the globe.

See pages: **74, 75, 76, 77, 78**

MIPHA INTERNATIONAL LTD.
8 Har Nevo St.,
Ramat Hasharon 4722508, Israel
Tel: 972-3-5402403
Fax: 972-3-5490931
E-mail: mipha@mipha.co.il
Web Site: www.mipha.co.il

President & C.E.O:
Mr. Michael Itzhar Belachovsky
V.P. Business Development and
Legal Advisor:
Advocate Yair Itzhar Belachovsky
Professional Consultant in the field of
Hi-Tech: Mr. Eran (Dotan) Rosenberg
Date established: 1983
Ownership: Private

Areas of activity
- Homeland Security and Operations
  Consultancy
- Security & Surveillance Systems for
  Borders, Airports, Seaports, Safe &
  Secure City, Pipelines and Sensitive
  Installations
- Specialize in Intelligence and Law
  Enforcement Consultancy and
  Equipment
- Interception systems for all
  communication technologies,
  cellphone location tracking and
  data mining for government
  agencies
- Advance Intelligence Inference
  Systems
- Surveillance and Counter-
  Surveillance including on-site
  checks to detect eavesdropping
- Advanced Biometric Identification
  Systems
- Data Communications, Storage
  Security and Data Recovery
- GPS Tracking and Fleet
  Management

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mPrest
Park Ofer
94 Em-Hamoshavot Rd.
Petach Tikva 4970602, Israel
P.O.Box 3027
Tel: 972-7-32166666
Fax: 972-7-32166636
E-mail: info@mprest.com
Web Site: www.mprest.com

C.E.O: Col. (ret.) Natan Barak
V.P Research & Development:
Mr. Eli Arlazoroff
Chief Software Architect:
Mr. Alexander Arlievsky
Number of employees: ~200
Date established: 2003

Areas of activity
mPrest is a global provider of
mission-critical monitoring, control
and big data analytics software.
Leveraging the power of the Industrial
IoT, mPrest's integrative "system of
systems" is a proven catalyst for
digital business transformation. Our
management solution has been
deployed in next-gen IoE (Internet of
Energy) applications for power
utilities, as well as innovative
management applications for water
utilities, smart cities, defense and
HLS.
By connecting the dots across
multiple disciplines, mPrest delivers
unified situational awareness,
sophisticated analytics, end-to-end
IT/OT integration and process
management. Featuring
unprecedented interoperability and
real-time data optimization, mPrest
allows organizations to accelerate
time-to-market, improve system
performance and reduce operational
costs.

See page: **73**

NETLINE COMMUNICATIONS TECHNOLOGIES (NCT) LTD.

Azrieli Circular Tower, 13th floor
132 Menachem Begin Rd.
Tel Aviv 6701101, Israel
Tel: 972-3-6068100
Fax: 972-3-6068101
E-mail: info@netlinetech.com
Web Site: www.netlinetech.com

C.E.O: Mr. Yallon Bahat
Number of employees: 95
Date established: 1998
Ownership: Private

Areas of activity

Netline Communications Technologies develops and manufactures cutting edge electronic countermeasures and spectrum dominance solutions to the global defense and homeland security markets.
- Counter IED & communication jamming solutions with advanced features such as pre-initiation and hybrid active/reactive capabilities
- Tactical interception and COMINT/SIGINT solutions including spectral analysis, signal classification and demodulation, cell phone monitoring and location/direction finding
- Prison cell phone control solutions including cell phone jamming, detection and managed access systems
- Counter Drone – detection & Identify, Locate & mitigation solutions for any mission
- RF monitoring and detection systems to combat cyber and wireless attacks on sensitive information

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NIRTAL TRAINING & SUPPLY OF COMBAT EQUIPMENT LTD.

10 Moshe Aviv St.,
Or-Yehuda 6037132, Israel
Tel: 972-73-2262753
Fax: 972-3-6341176
E-mail: nirtal@nirtal.com
Web Site: www.nirtal.com

Chairman: Mr. Nir Shaul
V.P. Marketing & Business Development: Ms. Shiri Lalezar
Mobile: 972-54-2226800
Number of employees: 12
(+ 200 - 300 Temporary workers)
Date established: 1995
Ownership: Private

Areas of activity

- Counter Terrorism & Anti-crime operational training
- Armed forces training: Special Forces & regular infantry units
- V.I.P. & Executive Protection training
- Supplier of various advanced technology systems & a variety of combat equipment
- Security consulting and training using most advanced techniques, technologies and combat experienced instructors
- All aspects of Airport and Aviation, Seaport & Maritime Security
- Security in the private sector - Banking, Public transportation, Public institutions Petroleum & Natural gas pipeline infrastructure Etc
- Surveillance and counter surveillance courses, training of police units for special assignments
- Prison enforcement, special units and technologies
- Crowd control and event management
- "K-9" supply & training
- VIP & Delegations Security Escort

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NOGA-EINAT SHOE INDUSTRIES LTD.

Kibbutz Givat Hashlosha
4880000, Israel
Tel: 972-3-9030150
Fax: 972-3-9030151
E-mail: info@nogaeinat.co.il
Web Site: www.nogaeinat.co.il

General Manager: Mrs. Ora Gilad
Finance Manager:
Mrs. Noga Polishuk
Number of employees: 50
Date established: 1930
Ownership: Kibbutz Einat & Kibbutz Givat Hashlosha

Areas of activity

Noga-Einat Shoe Industries Ltd. is a manufacturer and supplier of military- and safety shoes.
Product lines include: combat boots, products for unusual conditions and special forces, police boots & shoes and boots for anti-terror and anti-rioting units.

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PHANTOM TECHNOLOGIES LTD.

68 Amal St.,
Petah Tikva 4951368, Israel
Tel: 972-3-9215720
Fax: 972-3-9215434
E-mail: sales@phantom.co.il
Web Site: www.phantom.co.il

C.E.O: Mr. Roei Itshakov
Number of employees: 40
Date established: 1996
Ownership: Private

Areas of activity

Ari-Phantom Technologies provides a variety of jamming solutions for all RF based communications applications such as Cellular, Wi-Fi , tactical communications and satellite phones. The company develops and manufactures its systems in all sizes and in multiple configurations – from low power to extreme high power jammers, for stationary, man pack, vehicular/convoy protection and complete compound area coverage. The company offers both off the shelf solutions and customized products to meet special client requirements. The company's line of products includes also internally developed digital receivers used for conditioned jamming systems, counter surveillance systems and SIGINT applications.

See pages: **86, 87**

PICSIX LTD.

41 HaMeyasdim St.,
P.O.Box 6006
Even Yehuda 4051113, Israel
Tel: 972-9-8911202
Mobile: 972-544-335197
Fax: 972-9-8911202
E-mail: mk@pic-six.com
Web Site: www.pic-six.com

V.P Business Development:
Mr. Menachem Kenan
Number of employees: 20
Date established: 2011
Ownership: Private

Areas of activity

PICSIX LTD. Designs, produces and sells a variety of unique solutions for interception and counter-interception. Our solutions include:
- Advance features Man In The Middle Systems for GSM and UMTS
- IMSI Catchers including DF capabilities
- Smallest form-factor largest capacity PASSIVE INTERCEPTION SYSTEMS in the market facilitating 10s to hundreds of channels per system
- Integrated solutions combining Passive and Active Interception as well as jamming and selective jamming
- Counter Interception measures detecting a blocking of-the-air interception systems
- Integrated intelligence collection and management systems with bespoke command and control centers

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PIKO PEPPER GUN

P.O.Box 5
Shilat 7318800, Israel
Tel: 972-8-6707170
Mobile: 972-50-5127313
E-mail: info@pikogun.com
Web Site: www.pikogun.com

C.E.O: Mr. Moti Wigelman
Number of employees: 6
Date established: 2015
Ownership: Private

Areas of activity

Piko Gun specializes in the production and marketing of an innovative and cost effective Non-Lethal pepper gun.
Using maximum deterrence power, Piko Gun neutralizes its target immediately while minimizing fatalities and permanent injury.
Piko gun excels at stopping the escalation of violence. It decreases the need to use lethal force which dramatically reduces unnecessary lethal accidents.

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PLASAN

Kibbutz Sasa
M.P.Merom Hagalil 1387000, Israel
Tel: 972-4-6809000
Fax: 972-4-6809001
E-mail: info@plasan.com
Web Site: www.plasan.com

Number of employees: 1000
Date established: 1985
Ownership: Kibbutz Sasa

Areas of activity

Plasan is a leading designer and provider of mission ready solutions for a broad range of military and security survivability solutions for land vehicles, airborne platforms and personal protection. Our range of products and solutions includes: integrated and add-on armors, blast protection kits, RPG defeat solutions, multi-mission armored vehicles designed for optimized mobility and operational versatility. Plasan offers full design, development, engineering, testing and integration under a single roof. Plasan has designed more than 400 armored hulls and delivered more than 32,000 armored vehicles to armed forces and security organizations worldwide.

RAFAEL
Advanced Defense Systems Ltd.

P.O.Box 2250
Haifa 3102102, Israel
Tel: 972-73-3354714
Fax: 972-73-3354657
E-mail: intl-mkt@rafael.co.il
Web Site: www.rafael.co.il

President:
Maj. Gen. (ret.) Yoav Har-Even
Executive V.P Business development
& Marketing: Mr. Giora Katz
Number of employees: 7,500
Date established: 1948
Ownership: Government of Israel
(Since 2002)

Areas of activity

Rafael designs, develops, manufactures and supplies a wide range of advanced defense systems. These leading edge products include naval, air and ground precision weapons, electro-optic systems, electronic warfare (EW) systems, C^4I and unmanned systems, acoustic defense systems, armored protection, breaching munitions and space technologies.

RAYZONE GROUP LTD.

Toyota Building
65 Yigal Alon St.,
Tel Aviv 6744316, Israel
Tel: 972-73-2802266
Fax: 972-73-2802260
E-mail: info@rayzoneg.com
Web Site: www.rayzone.com

Date established: 2010
Ownership: Private

Areas of activity

Rayzone Group designs and manufactures Cyber & Intelligence solutions for governmental and federal agencies, based on broad expertise and operational experience accumulated within the framework of the Israeli Cyber & Intelligence agencies.
Rayzone Group has established the MATRIX concept, a comprehensive methodology for intelligence gathering and analysis capabilities. The MATRIX concept and solutions focuses on improving awareness of the threat, developing capabilities to prepare and respond, and enhancing law enforcement agencies capabilities.

RBtec LTD.

21 Hamatechet St.,
P.O.Box 5040
Kadima 6092000, Israel
Tel: 972-722-159207
Fax: 972-722-159213
E-mail: info@rbtec.com
Web Site: www.rbtec.com

President: Mr. Hezy Ribak
C.E.O: Mrs. Pazit Ribak-Barnoy
Vice President: Mrs. Ester Ribak
Number of employees: 40
Date of established: 1986

Areas of activity

Since 1986 RBtec is a leading technology company specializing in design, development, and manufacturing of outdoor perimeter intrusion detection solutions for medium to high-risk installations. With over than 1000 installations in more than 30 countries around the world, RBtec is one of the most experienced and admired companies in the perimeter intrusion detection system (PIDS) marketplace offers reliable, effective, and affordable solutions suitable for any site where perimeter intrusion detection system performance is required.
The RBtec's offerings provide a complete range of perimeter intrusion detection systems and solutions designed to fully integrate into a total security package.

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RT LTD.

10 Nahal Snir St.,
Yavne 8122447, Israel
Tel: 972-8-6433616
Fax: 972-8-6433607
E-mail: info@rt.co.il
Web Site: www.rt.co.il

General Manager: Mr. Rami Shmueli
Vice President:
Mrs. Taly Kosberg Shmueli
Number of employees: 40
Date established: 1996
Ownership: Private

Areas of activity

RT Ltd., is a world – class designer, developer and manufacturer of the SkyStar™ aerostat family proven for use in intelligence, surveillance, reconnaissance, and communication applications.
Users active in prevent-prepare-respond-recover settings requiring continuous and compact aerial support are a natural fit for Skystar™ products.
RT Ltd., delivers self-contained, versatile, easily transportable, cost-effective tactical system comprised of a mobile control station, ground system module, tether, lighter-than-air platform, stabilized payload platform, and sophisticated sensor suite. SkyStar™ systems are easy to operate, rapidly deployed and customized for a range of operating conditions worldwide in various military and civilian missions. Currently, systems are deployed in countries such as Afghanistan, Israel, Mexico, Thailand, Canada, Africa and Russia.

Applications:

Unmanned Aerial ISR and target acquisition, Border and coastal security, Force protection, Crisis and emergency management, Law enforcement and public safety, Safe City, Search and Rescue, Communication relay, Offshore/Onshore business continuity recovery, Event traffic/crowd control, VIP protection, Environmental measurement.

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SAN LTD.

21 Haluzey Hata'aseya St.,
P.O.Box 10659
Haifa Bay 2611801, Israel
Tel: 972-4-6629301
Tel/Fax:972-4-6629302
E-mail: san@san.co.il
         ran@san.co.il
Web Site: www.san.co.il

General Manager: Mr. Jacob Segal
General Manager: Mr. Ran Nakash
Marketing Manager: Mr. Itai Nakash
Number of employees: 50
Date established: 1993
Ownership: Private.
Jacob Segal, Rahamim Nakash & Ilan Meiri

Areas of activity

- Electro Hydraulic Tactical Breaching Kits
- Portable Rescue Hydraulic Tools
SAN Ltd has developed world leading electro hydraulic tactical breaching kits that incorporates innovative technologies with light materials, allowing to be easily carried by one individual and obtain powerful set of tools that can break into any structure in top speed. The company's broad operational experience allows the Police & HLS units, Fire fighters & Rescue teams, Military & Special Forces to benefit from customized products that are durable, multi-functional with an innovative design.

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SASA SOFTWARE

Kibbutz Sasa
M.P. Merom Hagalil 1387000, Israel
Tel: 972-4-6918859
Fax: 972-4-6918876
E-mail: info@sasa-software.com
Web Site: www.sasa-software.com

Senior Regional Director, Asia &
Israel: Mr. Ronen Arad
E-mail: ronena@sasa-software.com
Regional Director, Europe:
Mrs. Zoe Sages
E-mail: zoes@sasa-software.com
Global Marketing Director:
Mr. Oren Dvoskin
E-mail: orend@sasa-software.com
Number of employees:23
Date established: 2013
Ownership: Kibbutz Sasa

Areas of activity

Founded in 2013, Sasa Software is a
leading provider of Content Disarm
and Reconstruction solutions (CDR).
Instead of relying on detection, our
Gate Scanner® technology treats
every incoming file and email as
suspicious, transforming them into a
safe, neutralized copy that you can
trust. The technology prevents
sophisticated unknown and
undetectable threats, including APTs
and ransomware, while maintaining
full visibility, usability and functionality
of the files. We protect over 160
enterprises, focusing on financial
institutions, healthcare, critical
infrastructures, and governmental
organizations. Sasa Software is the
Frost & Sullivan Asia Pacific ICT
Security (critical infrastructures)
vendor of the year.

SCS LTD.
SECURITY CRISIS SOLUTIONS

Electra City Tower
58 Ha'Rakevet St.,
Tel Aviv 6618321, Israel
Tel: 972-72-216-3940
Mobile: 972-54-7944-355
E-mail: info@o-scs.com
Web Site: www.o-scs.com

Global support: Mr. Demian Parson
Operarion manager: Mr. Daniel Weil
Number of employees: 14
Date established: 2012

Areas of activity

SCS is a company that is built around
creativity and high-end services.
SCS is still a small company which
aims to maintain unique services with
unorthodox methods to provide our
clients surprising solutions.
The company operates these days
mainly with corporates and high net
families, We always looks for the
usage of its unique and creative
advantages in order to be the
market's leading firm in the Crisis
Management field while implementing
those techniques into our traditional
services as well.
SCS takes a great pride in its
differentiation from other players in
the market.
We are here to make a difference to
be the silent partner for our clients
the one-stop shop for solutions, the
fixers, the guys behind the scenes to
proof business productivity in
challenging areas.

We are the stream under the quiet
ocean.

SDEMA GROUP LTD.

2 Weizmann St.,
Tel Aviv 6423902, Israel
Tel: 972-3-9009444
Fax: 972-3-9032288
E-mail: biluz@sdemagroup.com
Web Site: www.sdemagroup.com

Founder & C.E.O: Mr. Dror Mor
Founder & Partner:
Mr. Shlomo Harnoy
Partner: Mr. Dan Vesely
Number of employees: 40
Date established: 2005
Ownership: Private

Areas of activity

The Sdema Group is an international
provider of homeland security
solutions and services, specializing in
security concept design, master
planning, training and auditing.
We consider ourselves security
architects and deliver creative, threat-
based solutions, integrating the key
components of security
effectiveness—highly trained security
employees, advanced security
procedures and market-forward
technologies.
Our team, leaders in national security,
counter-terrorism and intelligence,
have worked in the most challenging
security environments around the
world and put this experience to work
for the government and corporate
clients we are privileged to serve. On
the government side, we serve
aviation and mass transit authorities,
critical infrastructure, strategic
facilities, heads of state, ministries
and municipalities. On the corporate
side, we serve the widest range of
industries including financial, cellular,
hospitality, entertainment, education,
and retail chains.

SENSO-OPTICS LTD.

P.O.Box 600
Hi-Tec Park
Yokneam 2069207, Israel
Tel: 972-73-2004450
Fax: 972-4-9590962
E-mail: info@senso-optics.com
Web Site: www.senso-optics.com

President & C.E.O: Mr. Jacob Dagan
C.O.O: Mrs. Dorith Dagan
Number of employees: 26
Date established: 2001
Ownership: private

Areas of activity

Senso-Optics is a leader in R&D, design, production & delivery of innovative thermal imaging technologies and advanced electro-optical solutions for military, law enforcement, search & rescue, homeland security and commercial markets.
Senso-Optics offers a wide range of **State-of-the-Art thermal imaging, visual information & targeting solutions, products and systems** for day, night and low visibility missions.
Senso-Optics is committed to be at the forefront of thermal Imaging technology such as the world's first **Thermal Camera-on-Chip (ASIC)**.

SHAFRAN CONSULTING & MANAGEMENT LTD.

3 Nirim St.,
Tel-Aviv 6706038, Israel
Tel: 972-3-6361644
Fax: 972-3-6361643
E-mail: info@shafran.biz
Web Site: www.shafran.biz

Chairman of the Board:
Mr. Rafi Malka
C.E.O: Mr. Doron Shany
V.P. Security: Mr. Oded Raz
Head of Engineering Department:
Mr. Gabriel Faincaig
Number of employees: 22
Date of establishment: 1987
Ownership: private

Areas of activity

Shafran Ltd. is a Security and Intelligence Consulting Company directed by former senior officers of the Israel Security & Intelligence services.
The company is engaged in the spheres of:
- Security Surveys
- Design of security concepts and systems
- Security Engineering
- Security consultation for Expatriates and travelling businessmen
- Ongoing risk assessments on the situation in Israel
- Security courses and training of security personnel
- Information Security and protection of the firm's Know-how and facilities.
- Aviation security
- Management of Corporate Investigations
- Business Intelligence and Competitive Intelligence
- Security Vetting

SHLADOT LTD.

18 Keren Hayesod St.,
Kiryat Ata 2611801, Israel
Tel: 972-4-8808000
Fax: 972-4-8411221
E-mail: info@shladot.com
Web Site: www.shladot.com

Executive Vice Chairman:
Mr. Alon Fridenson
General Manager: Mr. Eitan Igra
Head of Armor Division:
Mr. Jonathan Wharthman

Areas of activity

Shladot operates in three fields -
Mobilized Defense Solutions - mobile defense and security platforms including shelters, trailers, heavy duty tank transporters, special purpose vehicles etc.
Armored Vehicles -
- **"David"** Family – Toyota based, seating for up to 8 passengers, widely used by the Israel Defense Force.
- **"Tiger"** Family – 9-12 ton platforms based, variety of armor levels, seats up to 14 passengers.
- Up-armored vehicles based of customer mission profile.
Aircraft Armor - ballistic protection for helicopters and cargo aircraft.

SIBAT -
ISRAEL MINISTRY OF DEFENSE
International Defense Cooperation

Hakirya Tel-Aviv 6473424, Israel
Tel: 972-3-6975585
         972-3-6977906
Fax: 972-3-6976359
E-mail: sibat_bic@mod.gov.il
Web Site: www.sibat.mod.gov.il

Director:
Brig. Gen. (Ret.) Mishel Ben Baruch
Principal Deputy Director:
Mr. Itamar Graff
Deputy Director & Head of Defense
Inventory Marketing & Sales:
Mrs. Anat Brill

Areas of activity
SIBAT, the Israel MOD International
Defense Cooperation Directorate is
uniquely positioned within the Israel
Ministry of Defense (IMOD), while
having a close, ongoing relationship
with the defense industry. This
combination ensures SIBAT to
maintain in-depth and up-to-date
knowledge of the defense world's
relevant concepts, as well as a clear
understanding of the Israel Defense
Forces' (IDF) operational needs.

SIBAT facilitates international
cooperation through its various
services.
- Generating Government–to-
  Government agreements
- Initiating official foreign delegations
- Identifying industrial cooperation
  with the Israeli defense industry
- Locating the relevant technological
  solutions for specific requirements
- Establishing of joint ventures
- Conducting advanced training
  seminars
- Managing the sales of IDF inventory
- Providing in-depth information on
  Israel's defense industry through
  biennial directory and national
  pavilions

See pages: **4, 5, 6, 7, 8, 9**

SKY SAPIENCE LTD.
Tavor Building
Yokneam Hi-Tech Park
P.O.Box 170
Yokneam 2069203, Israel
Tel: 972-4-9591777
Fax: 972-73 -7051380
E-mail: info@skysapience.com
Web Site: www.skysapience.com

C.E.O:
Brig. Gen. Gabriel Shachor (Res.)
V.P Marketing: Mrs. Limor Barak
Number of employees: 30
Date established: 2010
Ownership: Private

Areas of activity
Sky Sapience's autonomous hovering
platforms are directed towards
homeland security, military and
civilian security markets in the areas
of:
- Coastal, Border and Perimeter
  Security
- Counter Terror
- Critical Infrastructure Protection
  and Maintenance
- Emergency Response Operations
- Intelligence, Surveillance and
  Reconnaissance
- Law Enforcement
- Broadcast Media Coverage

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SMART SHOOTER LTD.
Kibbutz Yagur 3006500, Israel
Tel: 972-72-3202111
Fax: 972-72-3202120
E-mail: info@smart-shooter.com
Web Site: www.smart-shooter.com

C.E.O: Ms. Michal Mor
V.P BD & Marketing:
Dr. Abraham Mazor
Number of employees: 35
Date established: 2011
Ownership: Private

Areas of activity
Smart Shooter was established in
response to the demand for
increased lethality and survivability of
military and paramilitary (HLS) small
arms shooters.
The company develops, designs and
manufactures advanced systems
(SMASH family) that provide higher
hit accuracy for small arms, day and
night.
The company's technologies combine
electro-optics, image processing,
real-time embedded software,
ergonomics, and system engineering
to provide real and affordable
solutions for modern, symmetric and
asymmetric conflicts.
"SMASH family" is an add-on Fire
Control Systems and can be mounted
on almost any rifle using standard
ammunition, it enables any shooter,
regardless of skill or operational
stress, to hit precisely any stationary
or moving target, and thus reducing
collateral damage and hit.at
bystanders people.
Smart Shooter holds an ISO 9001
certification , and all products fully
meet MIL-STD 810.

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STEADICOPTER LTD.

6 Hatikshoret St.,
P.O.Box 729
Migdal ha Emek 2307049, Israel
Tel: 972-4-9592959
Fax: 972-4-9597606
E-mail: noaml@steadicopter.com
Web Site: www.steadicopter.com

C.E.O: Mr. Itzik Shnipitzki
Sales & Marketing Manager:
Mr. Noam Lidor
Number of employees: 15
Date established: 1999
Ownership: Private

Areas of activity

Steadicopter Ltd, is a revolutionary player in the tactical Unmanned Aerial Systems (UAS) industry, specializing in the design, development, and production of rotary tactical UAS, and delivers exceptional, unprecedented, proven solutions to military, HLS, and civilian applications. The Black Eagle ROTARY UNMANNED AERIAL VEHICLES (RUAV) is a robotic observation
system that provides Maritime and Land solutions for intelligence, surveillance, target acquisition and reconnaissance (ISTAR). This is provided using an air vehicle with the ability to vertically take-off and landing, with hovering capability, together with a day & night sensor.

SUPERGUM INDUSTRIES LTD.

11 Shoncino St.,
Tel-Aviv 6721611, Israel
Tel: 972-3-5622333
Mobile: 972-50-6659993
Fax: 972-3-5622345
E-mail: giladg@supergum.co.il
Web Site: www.supergum.com

General Manager:
Mr. Yehuda Gescheit
Head of NBC Division:
Mr. Golan Gilad
Number of employees: 250
Date established: 1956
Ownership: Private

Areas of activity

Specialization in CBRN protective equipment. Manufacture of high quality rubber, plastic and sealing products for civilian, military and Industrial applications.
R & D and engineering department support a wide range of standard and custom made rubber and plastic products for highly diverse industrial and automotive applications.
- Rubber technologies: Injection molding; Compression molding; Extrusion: Die-cutling
- Plastic technologies; Heat; H.F and U.S sealing; injection molding

Certified to ISO 9001:2018, QS9000

TANDU TECHNOLOGIES AND SECURITY SYSTEMS LTD.

Mailing Address:
P.O.Box 3963
Petach Tikva 4913020, Israel
Visiting Address:
21(c), Yagea Kapayim St.,
Deniv Park, Petach Tikva
Tel: 972-3-9230667
Fax: 972-3-9230668
E-mail: tandu@tandu.co.il
Web Site: www.tandu.co.il

President: Eyal Dotan (PhD)
V.P. Marketing: Mr. Ran Hasson
C.T.O: Mr. Eran Yarkoni
Number of employees: 80
Date established: 1988
Ownership: Private

Areas of activity

TANDU Technologies and Security Systems LTD. is an Israeli based security projects development firm, engaged since 1988 in planning, design, integration and implementation of all aspect security concepts, doctrines and integrated security solutions, and design and implementation of security training courses, for private and government organizations as military and police forces, special forces and units and critical infrastructure companies in Israel and abroad. Furthermore, the company has developed unique expertise in the design of technological layouts for "Safe City" and "Smart City" programs and in Cyber security consulting.
TANDU employs staff of some 80 professionals, with technological, operational and academic expertise, to offer integrated, all aspect approach to every project and requirement.

TRACETECH SECURITY LTD.

65 Yigal Alon St.,
Tel Aviv 6744316, Israel
Tel: 972-54-6272367
Web Site:
www.tracetechsecurity.com

Chairman & C.E.O: Mr. Benzy Shiftan
Head of Security Advisory Board:
Lt. Gen. Assaf Heffetz (Former Israeli
Police General Commissioner)
Number of employees: 10
U.S. Senior Consultant: Mr. Arik Arad
Date established: 2010
Ownership: Private

Areas of activity

TraceTech Security developed
breakthrough patented technology
and equipment that AUTOMATES
the present procedure by extracting
air samples from Baggage and
Cargo, without manual intervention
and transferring them to off the shelf
Explosives Trace Detector (ETD).
TraceTech Security is filling what is
called "The Missing Piece of Baggage
and Cargo Screening", and the
company is ready to take major role
in implementation of the new US and
Global regulation demanding "100%
Cargo Screening".
TraceTech Security targets the large
and growing market of security
equipment for Airports, Seaports,
Ground Checkpoints, Mass
Transportation, Force Protection,
Sensitive Buildings and Facilities, and
large Sport Stadiums.
The technology had successfully
passed extensive tests of ISA - Israeli
Security Agency – and Israeli Police,
and the company has also advanced
solutions for Shoes,
Passengers/Entrances, Containers
and Vehicles Screening.

TSG IT ADVANCED SYSTEMS LTD.

P.O.Box 58010
Tel Aviv 6158101, Israel
Tel: 972-3-5483555
Fax: 972-3-54483700
E-mail: tsg@tsgitsystems.com
Web Site: www.tsgitsystems.com

C.E.O: Mr. Michael Zinderman
Senior V.P. C4ISR Group:
Mr. Ofer Burin
V.P International Marketing & B.D:
Mr. Uri Woldiger
Marcom Director: Mr. Oleg Guzikov
Number of employees: Over 400
Data established: 1969
Ownership: Private

Areas of activity

TSG is a global company, held by IAI
- Israel Aerospace Industries (50%)
and Formula Systems (50%). We
provide advanced Command,
Control, Communications,
Computers, Intelligence, Surveillance,
Target Acquisition and
Reconnaissance (C4ISTAR) solutions
systems for the defense and
homeland security sectors.
With over four decades of experience,
TSG specializes and has a proven
track record in designing, developing,
supplying and integrating advanced,
comprehensive and highly innovative
solutions and systems.
Dedicated to delivering cutting-edge,
best-of-class solutions, TSG serves
a diverse client base of governmental
organizations worldwide. The proven
record of TSG's deployed systems,
combining command and control
with intelligence and surveillance
systems, enables us to offer unique
solutions that bridge effective
intelligence processing and
operational command and control,
providing our customers with
incomparable value.

TVUNOT 5766 LTD.

9 Brand St.,
Jerusalem 9387809, Israel
Mobile: 972-52-6000-668
Fax: 972-2-6630011
E-mail: ay@barak.net.il
Web Site: www.skunk.co.il

Ceo: Mr. Arik Yakuel
Date established: 2006
Ownership: Private

Areas of activity

Tvunot 5766 is the exclusive
exporting company for Odortec's
product, the Skunk.
The company specializes in providing
solutions, consultancy and projects
managing in the fields of national
security, public security, policing,
bomb disposal and bomb scene
investigation. We have many years of
experience serving as high rank
police officers.

UNDERWATER TECHNOLOGIES CENTER (UTC) LTD.

8 Omarim St.,
Baran Building
P.O.Box 3003
Omer 8496500, Israel
Tel: 972-7-22153153
Fax: 972-8-6900466
E-mail: info@utc.co.il
Web Site: www.utc-digital.com

Director: Mr. Arie Kalo
C.O.O: Mr. Golan Ben Ari
Number of employees: 44
Date established: 2003
Ownership: Private

Areas of activity
At UTC, mechanical, electronics, software and acoustics engineers, physicists and technicians, team together to build trustworthy products to spec. Examples are underwater communication, sonar, acoustic release, parametric arrays and tracking systems. Adopting innovative technologies, we create new ideas, concepts and designs, ultimately developing and commercializing these products. We provide an incomparable combination of leadership, an experienced multi-disciplinary team, leading-edge acoustic and electronic engineering with excellent client working relationships. Our proven underwater operational and security systems are testimony to our abilities.

VERINT SYSTEMS LTD.

33 Maskit St.,
Herzliya 4673333, Israel
Tel: 972-9-9622300
Fax: 972-9-9624747
E-mail: marketing.lis@verint.com
Web Site: www.verint.com/cis

President: Mr. Elad Sharon
V.P Marketing: Ms. Amit Daniel
Number of employees:
5000 worldwide
Date established: 1994

Areas of activity
Verint Cyber Intelligence Solutions (CIS) is the market leader in security and intelligence solutions dedicated to the needs of government, critical infrastructure, and enterprise organizations worldwide. For more than two decades, Verint CIS continues to be the most reliable choice to execute highly complex and demanding deployments, with a customer base that spans every continent.
Working hand in hand with government, critical service providers, and enterprise customers, Verint CIS supports their evolving needs as they address today's biggest challenges in fighting criminal activity, terrorism, cyber-attacks and physical threats. With a singular intelligence domain expertise and the most innovative technologies, Verint CIS helps customers worldwide assume a stronger stance in their mission for a safer world.

WINDWARD LTD.

2 Hashlosha St.,
Tel Aviv 6706054, Israel
Tel: 972-3-6033956
E-mail: info@wnwd.com
Web Site: www.wnwd.com

C.E.O & Co-Founder: Mr. Ami Daniel
E-mail: ami@wnwd.com
Co-Founder: Mr. Matan Peled
E-mail: matan@wnwd.com
Number of employees: over 60
Date established: 2010
Ownership: Windward's investors include leading venture capital firms.

Areas of activity
Windward is the world leader for maritime intelligence technologies. Windward Systems are in wide use globally by top-tier intelligence organizations, marine insurers, navies and coast guards.
The Windward Systems provide access to smart maritime data - cleaned, verified and enhanced:
- Windward Control is a threat assessment support system that proactively identifies, prioritizes and alerts to emerging threats at sea, making sense of maritime traffic
- Windward Intelligence is an intelligence analysis and research system for research and operational units across the intelligence community

WINTEGO

2 HaTa'asiya St.,
Yokneam Ilit, Israel
Tel: 972-72-2151503
Fax: 972-4-8275988
E-mail: contact@wintego.com
Web Site: www.wintego.com

Number of employees: 40
Date established: 2012
Ownership: Private

Areas of activity

Wintego — Your Long-Term Cyber
Intelligence Partner
Wintego is a developer of advanced
cyber intelligence solutions, that
combine advanced data-extraction
engines and injected cyber agents,
for remotely extracting secured data
from targets' mobile phones, laptops
and web accounts.
The company's multidisciplinary
cyber professionals are focused
exclusively on providing our
customers with advanced cyber
capabilities that work in the real
world today and will overcome the
challenges of the future. Wintego's
solutions have been deployed by
numerous government agencies
around the globe.

X-TEST
Member of the TAMAR GROUP

20 Harduf Hanehalim St.,
P.O.Box 3215
Caesarea 3088900, Israel
Tel: 972-4-9577777
Fax: 972-4-9577799
E-mail: info@xtest.com
Web Site: www.xtest.com

Date established: 1998
Ownership: Private

Areas of activity

X-Test unique solutions for training
and security operations provide the
most advanced technology for
detecting current and evolving
threats.
X-Test products and services:
- State-of-the-art inert explosives
  customized for
  XRay/CT/mmWave/Trace
  signatures
- Training kits/services and Red
  Teaming designed for security
  personnel qualification
- Security Operation Design and
  consulting
- Software easily adapted to any
  single-site, multi-site or world-wide
  organization
- Brand-independent equipment
  simulators, allowing customized
  interfaces and images
- Live explosive demonstrations at
  Tamar Group's testing range
- Professional tests of a wide range
  of explosive materials

PRODUCT BRAND NAMES

BRAND NAME/ ACRONYM/ ABBREVIATION	EXPLANATION	COMPANY	PAGE
ACBS	Armored vehicle crew member blower	Supergum Industries Ltd.	108
AMIR	Mine-Resistant Ambush Protected 6X6 Platform	HighTech Systems Ltd.	56
AMSTAF	Unmanned Ground Vehicle	Automotive Robotic Industry Ltd.	35
AQUASHIELD	Diver Detection Sonar	DSIT Solutions Ltd.	50
ARROWCELL	Detector, preventer and locator of active GSM interception	Rayzone Group Ltd.	91
B-GUARD	Border and critical sites protection	TSG IT Advanced Systems Ltd.	114
BL-45	Blower for protection systems for children	Supergum Industries Ltd.	106
BL-90	Blower for advanced military protection systems	Supergum Industries Ltd.	106
BLACK EAGLE	Rotary unmanned aerial vehicles	Steadicopter Ltd.	105
BOOM 9000	Riot control vehicle	Beit-Alfa Technologies Ltd.	38
B-SCAN	Bottle Liquid & Powders Laser Base Scanning Station	LDS - Laser Detect Systems Ltd.	69
CARRYSAFE	Carry-on baggage security screening	TraceTech Security Ltd.	111
CETER	Chemical Team Respirator	Supergum Industries Ltd.	108
CONCEPTUS	End to end Social Media and full Web Intelligence platform	IAI Elta Systems Ltd.	58
CONDOR	Active and passive tactical Wi-Fi interception solution	IAI Elta Systems Ltd.	58
CTIS	Computerized telephone interception system	Mipha International Ltd.	80
CYBER DOME	Cyber defense solution	Rafael Ltd.	92, 93
CYBERCELL	A family of cellular solutions for Searching, Monitoring, Tracking & Intercepting cellular phones	IAI Elta Systems Ltd.	58
CYCLONE	Anti-riot drone	Ispra Ltd.	65
DAVID	Family of Heavy duty transporters	Shladot Ltd.	102
DSS4HLS	Decision Support Solution for Homeland Security	Eltel Technologistics Ltd.	52
DUNE	Deployable earth-filled defensive barriers	Mifram Ltd.	74
ECHO	Global virtual SIGINT system	Rayzone Group Ltd.	91
ELI-3350	Integrated Border Protection System	IAI Elta Systems Ltd.	60
ELI-5500	EZ-Guard Exclusive Economic Zone Protection System	IAI Elta Systems Ltd.	60
ELK-1888	TAC4G - Tactical 4G Broadband Cellular Network	IAI Elta Systems Ltd.	59
ELK-8950	RES-Q-CELL - High accuracy 3-dimensional geo-location of mobile phones	IAI Elta Systems Ltd.	59
EMS	Emergency management system	TSG IT Advanced Systems Ltd.	114
ENTRYSAFE	Passengers security screening	TraceTech Security Ltd.	111
ESR	Expandable Safe Room	Mifram Ltd.	75
G2	UAV System	Aero-Sentinel Ltd.	31
GABRIEL	Fully-protected NBC & Bulletproof autonomous, mobile Command and Control shelter	Mifram Ltd.	75

BRAND NAME/ ACRONYM/ ABBREVIATION	EXPLANATION	COMPANY	PAGE
GATE SCANNER	Disarms incoming emails and files	Sasa Software	97
GEOMATRIX	Geolocation intelligence system	Rayzone Group Ltd.	91
G-SCAN	Hand-Held Laser Detector	LDS - Laser Detect Systems Ltd.	69
HDF	Heavy Duty Fence	Mifram Ltd.	74
HOLDSAFE	Hold baggage security screening	TraceTech Security Ltd.	111
HOVERMAST	Tethered hovering platform	Sky Sapience Ltd.	103
IE-5000	Multi-WAN channel bonder	Beeper Communications Ltd.	37
IFMS	Integrated Facility Management System	Aeronautics Ltd.	32
IMPS	Indoor Modular Protection System, B.P. and against direct impact from high trajectory weapons	Mifram Ltd.	75
INTELLECTUS	Intelligence Fusion Center	IAI Elta Systems Ltd.	58
INSIGHT	TA9 - Intelligence and investigation hub	Rayzone Group Ltd.	91
IRONCLAD	Fence intrusion detection kits	RBtec Ltd.	94
I-SCAN	IMS Hand-Held Trace & Vapors Detector	LDS - Laser Detect Systems Ltd.	69
iSEA	Family of Maritime EO/IR Camera Systems	Controp Ltd.	44
iSKY	Family of Airborne EO/IR Camera Systems	Controp Ltd.	45
LIBERTY	Intelligence data fusion system	PicSix Ltd.	88
M2M	Wireless monitoring/control for automatic meter reading	Beeper Communications Ltd.	37
MANTIS	Multipurpose, self-rising, mobile, B.P. high elevated autonomous combat post	Mifram Ltd.	74
MARINET	Underwater detection barrier	RBtec Ltd.	94
MARINT	Maritime intelligence	Windward Ltd.	117
MBP	Modular ballistic protection system	Mifram Ltd.	74
MBS	Modular NBC, B.P./ light rocket/mortars protected mobile shelter	Mifram Ltd.	74
MBS	Concealed magnetic sensor	RBtec Ltd.	94
MEOS	Intruder detection system	Controp Ltd.	44
MFS	Mobile and Modular fence system	Mifram Ltd.	74
MICRO-STAMP	Airborne EO/IR Camera Systems	Controp Ltd.	45
MILLENNIUM	Multi-purpose bulletproof combat post	Mifram Ltd.	74
MSC	Multipurpose bulletproof security containers	Mifram Ltd.	74
M-STAMP	Airborne EO/IR Camera Systems	Controp Ltd.	45
MVB TRAILER	Modular Vehicle Barrier delivery kit	Mifram Ltd.	74, 76
MVB/CARMEN	Modular Vehicle Barrier	Mifram Ltd.	74
MZ-10	Fully Automatic rifle in caliber 7.62 NATO	Emtan Karmiel Ltd.	53
MZ-15	Semi Automatic rifle caliber 5.56 NATO or 223 for commercial, hunting and sport use	Emtan Karmiel Ltd.	53

BRAND NAME/ ACRONYM/ ABBREVIATION	EXPLANATION	COMPANY	PAGE
MZ-300	Fully Automatic rifle caliber 300 Blackout	**Emtan Karmiel Ltd.**	53
MZ-4	Fully Automatic rifle caliber 5.56 NATO	**Emtan Karmiel Ltd.**	53
MZ-47	Fully Automatic rifle in caliber 7.62X39 to	**Emtan Karmiel Ltd.**	53
	suite AK47 Gun magazine and accessories	**Emtan Karmiel Ltd.**	53
MZ-9	Fully Automatic sub machine gun in Caliber 9mm NATO		
NIMBUS	Interception collection platform for encrypted cloud	**IAI Elta Systems Ltd.**	58
	based services		
OPTIMUS	OSINT solution	**Rayzone Group Ltd.**	91
PHALANX	Mobile & modular ballistic protection system	**Mifram Ltd.**	75
PIKO	Non-lethal pepper gun	**Piko Pepper Gun**	89
PIRANHA	2G, 3G, and 4G IMSI catcher	**Rayzone Group Ltd.**	91
POINTSHIELD	Light and portable Diver Detection Sonar	**DSIT Solutions Ltd.**	50
RCU-2500, 4500, 6000, 9000	Riot control vehicles	**Beit-Alfa Technologies Ltd.**	38
RESCUBE	Indoor foldable protection system	**Mifram Ltd.**	75, 77
RES-Q-CELL	ELK-8950 - High accuracy 3-D geo-location	**IAI Elta Systems Ltd.**	59
	of mobile phones		
R-SCAN	Remote Stand-Off Laser Scanner	**LDS - Laser Detect Systems Ltd.**	69
SCARLET	Portable and flexible VIP protective bulletproof shield	**Mifram Ltd.**	75, 78
SEASAFE	Sea container security screening	**TraceTech Security Ltd.**	111
SENTINEL	Lightweight prefabricated observation tower	**Mifram Ltd.**	75
SHARK	Versatile, rapid response observation and sniper	**Mifram Ltd.**	74
	bullet proof tower		
SHIELD	Family of underwater security systems	**DSIT Solutions Ltd.**	50
SHOESAFE	Shoe security screening	**TraceTech Security Ltd.**	111
SKUNK	Non-lethal riot control substance	**Tvunot 5766 Ltd.**	112, 113
SKYSTAR	Family of aerostats systems	**RT LTD.**	95
SKYZER 450	Mini UAS	**Aerotactix (Israel) Ltd.**	34
SL-3	Fence mounted shaker security sensor	**RBtec Ltd.**	94
SMASH	Family of fire control system for assault rifles	**Smart Shooter Ltd.**	104
SPEED-A	High Performance Lightweight Aerostat Mounted EOIIR	**Controp Ltd.**	44
SPEED-ER	Long range surveillance system	**Controp Ltd.**	44
SPEED-LR	Long-range scanning and observation	**Controp Ltd.**	44
SPHERE	Comprehensive Integrated Inspection System	**LDS - Laser Detect Systems Ltd.**	69
SPIDER	Intruder detection system	**Controp Ltd.**	44
SPRINTER	Active 2G, 3G and 4G interception system	**Rayzone Group Ltd.**	91
STAMP	Airborne EO/IR Camera Systems	**Controp Ltd.**	45
TA9	IntSight - Intelligence and investigation hub	**Rayzone Group Ltd.**	91

BRAND NAME/ ACRONYM/ ABBREVIATION	EXPLANATION	COMPANY	PAGE
TAC4G	ELK-1888 - Tactical 4G Broadband Cellular Network	IAI Elta Systems Ltd.	59
THUNDER	Multi-Purpose 4x4 Armored Personnel Carrier	HighTech Systems Ltd.	56
THUNDERSTORM	Multi-Barrel Non Lethal Launcher	Ispra Ltd.	65
TIGER	Family of heavy duty passenger transporters	Shladot Ltd.	102
T-STAMP	Family of Airborne EO/IR Camera Systems	Controp Ltd.	45
T-VIEW	Land observation system	Controp Ltd.	44
TWISTER	Intruder detection system	Controp Ltd.	44
UDI 28	Wrist unit for underwater digital acoustic communication	Underwater Ltd.	115
UDI	Drivers detection system	Underwater Ltd.	115
V-ALERT	Electronic Sensor based outdoor and indoor security system	G.M. Afcon Security Tech.	54
VEGAS	Virtual ISP interception system	Rayzone Group Ltd.	91
VEHICLESAFE	Cars/vehicles security screening	TraceTech Security Ltd.	111
VIDALERT	Alarm management software	RBtec Ltd.	94
WISDOM STONE	Automatic analysis of big data	Rafael Ltd.	92
WRS	Water Restraint System for riot control	Beit-Alfa Technologies Ltd.	39
XAVER – 100, 400, 800	"sense through the wall system" providing real time information about objects behind walls	Camero-Tech Ltd.	41
XAVERNET 400	Remote wireless ToughPad	Camero-Tech Ltd.	41

ISRAEL HOMELAND & CYBER DEFENSE DIRECTORY 2018-19

This official publication is the visiting card of the Israeli Defense Industry, characterized by battle-proven products featuring unrivalled know-how and reliability, designed to meet the challenges of the 3rd. millennium. Almost 100 companies, engaged in Homeland and Cyber Defense applications and services, are listed in this directory.

The Directory has been published both as this book and as a soft copy on disk on card (DOC). The price of the book & the DOC is - USD100.

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