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ELBIT SYSTEMS SET TO PRESENT FULL RANGE OF SYSTEMS AND SOLUTIONS AT MSPO

Net-centric defense solutions will be focus of the exhibition

Elbit Systems' leading-edge systems and solutions will be on view at the upcoming MSPO exhibition which will take place in Kielce, Poland from September 4-7 2006. The wide range of systems on display will demonstrate the Elbit Systems Group's multidisciplinary expertise and technological leadership in every field in which it operates. The following are brief descriptions of the systems scheduled to appear:

- **DAP-Digital Army Program-C4I**

Integrated Operational Headquarters and Maneuvering Forces Command and Control System (TORC²H) is an automated, sensor integrated solution designed as a force multiplier combining all C⁴ISR activities of dispersed land forces. The core command and control application's main mission is to support all command and control aspects simultaneously, and in real-time, of commander and staff in the operational cycle

Battle Management System

Modular battle management system for the battalion combat team, armored and reconnaissance vehicles providing enhanced situational awareness with proprietary technologies that, in addition to more traditional tactical displays and electronic moving maps, projects all tactical symbols over video.

TIGER enhances real-time decision making at all force levels by unifying all channels, integrating them into one dynamic tactical intranet, and creating interest-based, geographic data dissemination.

Data Radio – The backbone of the data communications infrastructure, the Data Radio supports a very high data rate for swift, efficient transmission.

MWLAN – Military Wireless LAN – a cost effective communication system for immune wideband data wireless transmission featuring strong survivability in a dynamic military environment.

Enhanced Tactical Computer (ETC)

brings the power and versatility of advanced personal computers to the field. Its sun readable display, multiple I/O capabilities and full Mil-Spec grade environmental specifications provide an effective solution for combat C⁴I terminals.

Digital Soldier

Elbit Systems has assumed major responsibility for the IDF's Digital Soldier program. The program empowers infantry soldiers with capabilities allowing them to be networked into integrated information systems so they can send and receive information in real-time, view up-to-the-minute situation pictures on personal displays, transmit images and positions back to command units. The Digital Soldier will be on view at WB Electronics; and a video presentation will be featured at the Elbit Systems stand.



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- **Land Systems**

- **Unmanned Turret 25-30-Overhead Remote Control Weapon System**

- A fully overhead unmanned turret capable of transforming every armored personnel carrier into an armored *fighting* vehicle – with no vehicle deck penetration whatsoever. The Unmanned Turret 25-30 is a dual-axis stabilized system (cannon and sight) for 30 mm cannons optionally integrated with anti-tank missiles. The system, installed on an IRBIS 6x6 vehicle, will be on view at WZM No.5 Poznan.

- **TDS-Threat Detection System** –detects, categorizes and pinpoints laser sources such as: rangefinders, designators, beam riders, IR illuminators and trainers.

- **DTV-Driver Thermal Viewer**, for driving anytime and in any environmental conditions, on primary and secondary roads.

- **DZIK-Armored Fighting Vehicle equipped with the Unmanned Turret 7.62 mm, Overhead Remote Controlled Weapon Station** - the Unmanned Turret 7.62 mm has a very low silhouette and weighs less than 95 kg. It can be loaded with 690 rounds, upgradeable to 1150 or more. All weapon station functions - cocking, re-cocking, safe & fire, elevation and traverse are remotely controlled. The system will be displayed together with AMZ- Kutno Sp. at the outdoor display.

- **Unmanned Aerial Vehicles (UAVs)** for military and homeland defense applications.

- **Hermes 450** -The IDF's primary UAV system. The versatile, long-endurance UAV, equipped with Elbit Systems' CoMPASS EO/IR/LD gimbaled electro-optical payload, can adapt to a wide range of payloads, including SAR/GMTI radar and dual payload configurations.

- **Skylark** - is a new class of compact, man-pack UAVs, for very close range, beyond-the-hill missions and an effective solution for counter-terror applications, The system performs well in light rain and wind and delivers survey, target identification and surveillance capabilities. Skylark has already been selected for LRIP by the Israel Ministry of Defense as well as by customers in several additional countries.

- **Skylark II** – is a close range tactical UAV designed for day, night and adverse weather observation, data collection and target marking at mission ranges exceeding 50 kilometers. The Skylark II system is designed to operate in the battlefield using highly deployable Humvee class field vehicles equipped with an integral launcher for point launch and recovery and an advanced dual station Ground Control Station. The Skylark II system full cycle operation is possible with a 2-person crew.

The above UAV systems will be presented at the outdoor display of RADWAR SA from the BUMAR GROUP.

- **Helmet-Mounted LOS - Head Tracking System for Helicopter Pilots**

- Electro-Magnetic (EM) head tracking system enables display of stabilized LOS - (Line of Sight) related symbology (e.g.: Electro-Optic Payload (EOP) LOS, Other Pilot's LOS, Landing site cue), and slaving of helicopter systems, such as an EOP, to the pilot's LOS.



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About Elbit Systems :

Elbit Systems Ltd. is an international defense electronics company engaged in a wide range of defense related programs throughout the world. The Elbit Systems Group, which includes the company and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications, computers, intelligence, surveillance and reconnaissance ("C4ISR"), advanced electro-optic and space technologies, EW suites, airborne warning systems, ELINT systems, data links and military communications systems and equipment. The Group also focuses on the upgrading of existing military platforms and developing new technologies for defense and homeland security applications.