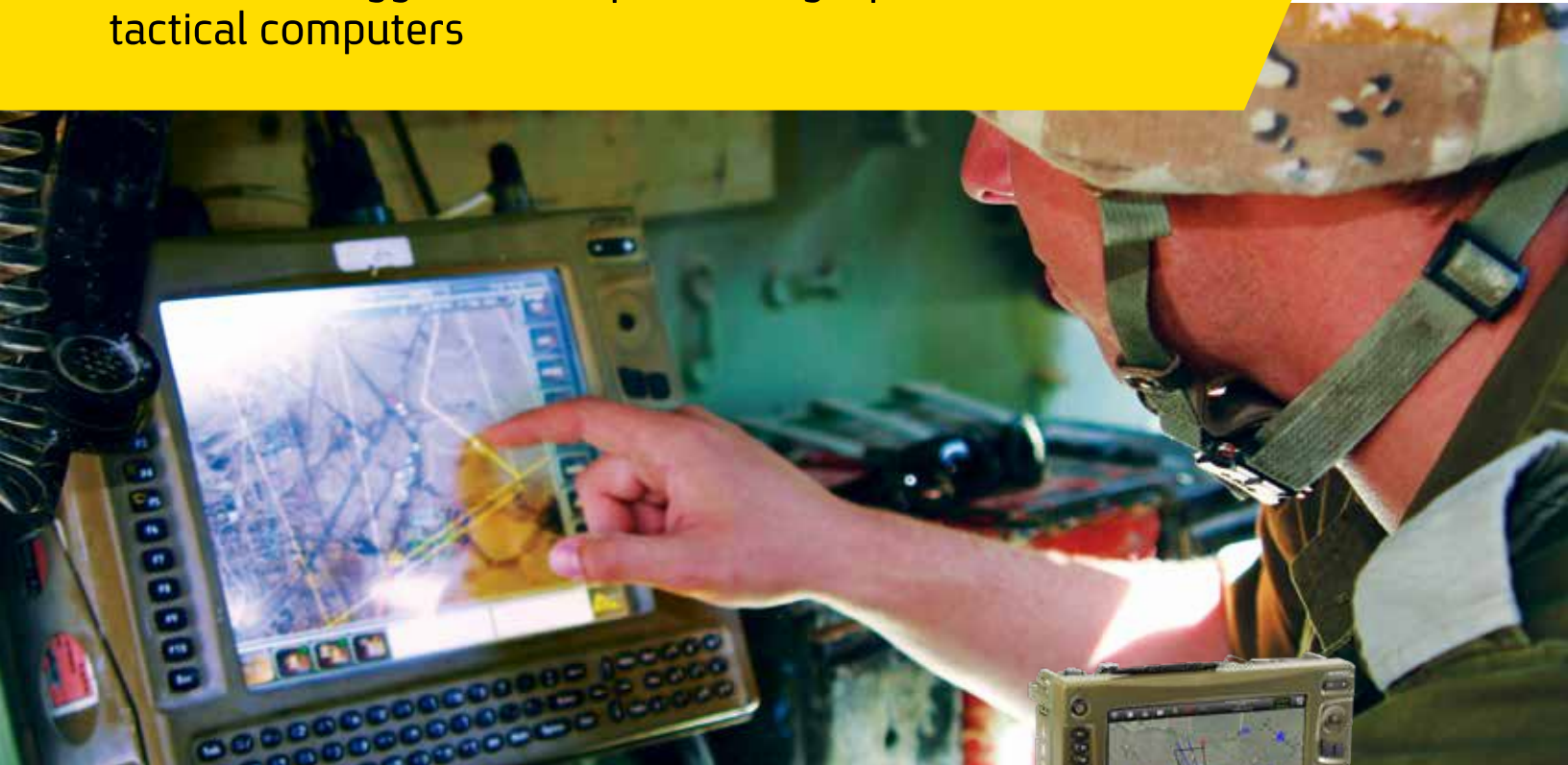# Enhanced Tactical Computer (ETC)

A series of rugged, battle-proven, high-performance tactical computers

Elbit Systems' series of Enhanced Tactical Computers (ETCs) provides innovative command and control (C²) capabilities and tactical data dissemination for multiple operational scenarios. Designed for use by infantry, Special Forces and command personnel, these computers are deployed on a wide range of platforms including tanks, artillery and armored personnel carriers (APC), as well as wheeled and tracked combat vehicles. Built using the most advanced computer architecture and the latest Intel® platform for mobile computing, the ETC's flexible configurations can be easily modified to suit costumers needs. With an extremely rugged design geared for success in even the harshest operational and environmental conditions, the ETC is fully battle-proven and currently in use by numerous armed forces around the world, including the Israel Defense Forces, NATO forces and others.

Elbit Systems™

C⁴I and Cyber

Enhanced Tactical Computer (ETC)

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Powerful flexibility: The ETC's advanced components – CPU, memory, graphics and storage – can be easily upgraded to align with the most recent market advances in technology and design. Available in full tablet or split (separate display and processing unit) configurations, the ETC can be easily modified and integrated with the customer's required platform and is backward compatible to legacy versions. The ETC can be operated using a range of power sources including vehicle, 110-220V or internal rechargeable hot-swappable batteries.

Advanced capabilities: Designed to perform even in the most demanding operations, the ETC supports a broad range of visual computing applications with robust features that include an Intel® i7 processor, solid-state drive (SSD), embedded commercial GPS, video capture capability, high-quality sun-readable LED display, full QWERTY integrated keyboard, pointing device, high-resolution touch screen, and various communication interfaces including advanced interfaces to analog radios.

Key Features

- Innovative C^2 capabilities
- Tactical data dissemination to a broad range of combat, command and reconnaissance vehicles
- Based on the latest PC architecture
- Supports a wide range of visual applications
- Upgradable components
- Ultra-rugged design
- Available in several configurations

Key Benefits

- Built to operate in challenging environments
- Can be easily modified to meet customer requirements
- Seamlessly integrates into existing platforms
- Fully battle-proven
- Flexible, environmentally-friendly power demands
- Support for various Windows and Linux operating systems

Technical Specifications

- **Main Hardware Specifications**
- CPU: Intel® Core™ i7 processor
- Memory: 4GB DDR3 (expandable up to 8GB)
- Storage: 128GB 2.5" SSD (option for higher capacity)
- Graphics: HD graphic controller with 512MB memory
- Navigation: GPS support for GPS, GLONASS, QZSS
- **Keyboard and other HIDs**
- Sealed and backlit full QWERTY keyboard
- 10 function keys
- Integrated pointing device
- High-resolution resistive touch screen

- **Display**
- 10.4" sun-readable LCD, XGA,1024x768 pixels
- Enhanced 150 fl LED backlight
- **I/O Ports**
- 1 external display (VGA)
- 2 LAN: 10/100/1000 Ethernet connectors, standard and military
- 2 standard USB 2.0 connectors (USB 3.0 optional)
- 1 multi-use connector with the following interfaces:
- 2 USB 2.0 (USB 3.0 optional)
- 2 RS232 ports
- 2 RS232/422 ports
- Audio in and out
- Video in

- **Power**
- Input voltage: 18-32V per MIL-STD-1275B
- Battery: 2 hot-swappable Li-Ion batteries
- **Physical Characteristics (nominal):**
- Dimensions (mm): 309x249x94
- Weight (kg): 4.9 (basic configuration)
- **Environmental Compatibility**
- Complies with MIL-STD-810F and JSS-55555
- **Electromagnetic Compatibility**
- Complies with MIL-STD-461E
- **Options**
- Optional removable 128GB SSD
- Optional PCMCIA interface behind sealed door
- Optional Digital/Analog video capturing device
- Optional one or two tactical modems for communications with military radios

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