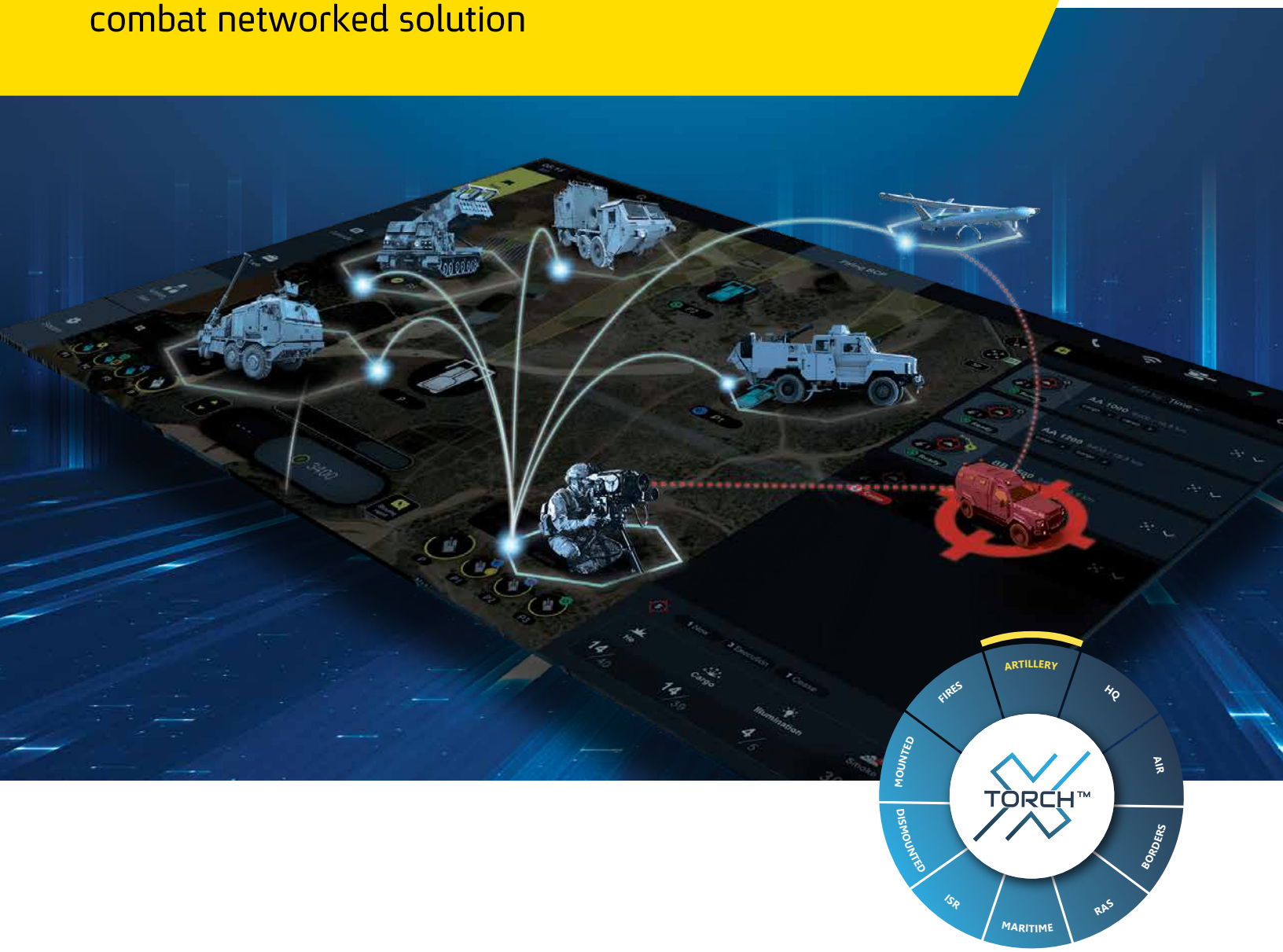
Torch-X™ Artillery

Comprehensive, fully digitalized indirect fire combat networked solution



Elbit Systems™
C4I and Cyber

Torch-X™ Artillery

Comprehensive, fully digitalized indirect fire combat networked solution

Torch-X™ Artillery is a modular, flexible indirect fire control & management system, designed to provide comprehensive digital artillery solutions for any weapon type and class at all levels of autonomy, any type of ammunition, and for all doctrines.

Solution Overview

Torch-X Artillery is a multi-layer, integrated solution that enables highly precise cross-force coordination, effective planning and execution with quick decision to action capabilities. In addition, the system offers simulation and training capabilities for planning, rehearsal and execution of offensive procedures.

Torch-X Artillery is based on Elbit Systems' E-CIX™ open architecture framework with advanced artillery ballistics calculation capabilities, integrating computing terminals, radio communications, platform control systems, a broad range of sensors and cyber protection.

TORCH-X™ Artillery

Comprehensive and Customizable

Torch-X Artillery uses customizable building blocks to provide a comprehensive fire support solution that meets customer requirements and procedures. Utilizing existing infrastructure and equipment, Elbit Systems delivers solutions to all roles and echelons from the individual firing platform (gun, mortar, or launcher) through battery command posts, battalion firing direction centers, forward observers, meteorological units, logistic units, UAVs, and up to headquarters.

Operational and Technical Expertise

With more than 30 customers worldwide and four decades of experience, Torch-X Artillery is fully battle-proven, leveraging a proud legacy of excellence. Torch-X Artillery incorporates Elbit Systems' unique know-how in artillery processes, ballistic computing and battlefield management, as well as integration, installation, training and technical services.

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Key Features

- Rapid navigation and deployment procedure
- Sophisticated ballistic algorithms and calculations
- Efficient resource and allocation management
- Full integration with all sensors (INS, MVR, TAS, Meteo, etc.)
- BDA, debriefing, firing logs and summary
- NATO interoperability standards compatible (ASCA, MIP)

Key Benefits

- Comprehensive digital artillery solution
- Superior situational awareness
- Full coordination with maneuvering forces
- Rapid sensor-to-shooter loop
- High accuracy and efficiency
- Suitable for all types of firing platforms and configurations
- Reduces human errors and enhances safety
- Increased survivability
- Real-time platforms and unit logistics status
- Modular and multiphase implementation

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Elbit Systems™ C⁴I and Cyber

Elbit Systems C⁴I and Cyber
2 H'amachshev St., Netanya 4250712, Israel
E-mail: C4icyber.info@elbitsystems.com www.elbitsystems.com

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