

EDGE



TORCH-X™ ARTILLERY

COMPREHENSIVE, FULLY DIGITALIZED INDIRECT
FIRE COMBAT NETWORKED SOLUTION



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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.



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.



OPERATION 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.





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