# TORC2H®

## All-in-One Command and Control System

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## Unique TORC2H® Advantages

**All-in-One Command and Control**

One system for all echelons - from tactical HQ through Corps or Theatre, and everything in-between

**Field-proven**

Large scale operational deployment in the Israel Defense Forces

**Built for the Real World**

Fully supports and seamlessly integrates with existing systems, communications infrastructure, and sensors

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# C4I in Action

## To meet the challenges of Netcentric Warfare (NCW) and reap the benefits of true battlespace digitization, military organizations are turning to field-proven C4I solutions from Elbit Systems Land and C4I – Tadiran

The only C4I solution to be fully deployed and operational force-wide in a major military organization - the Israel Defense Forces (IDF) – the TORC2H® system covers all army branches and echelons, enabling universal situational awareness, in-depth collaborative mission planning and management based on near real-time information, and an always-updated Common Operational Picture (COP).

## C4I for the Real World

TORC2H® is a complete and integrated operative-level C4I system, built from the ground up to meet real world needs in the full spectrum of military operations.

Unlocking the barriers of traditional stovepiped and proprietary systems, TORC2H®'s all-in-one approach uniquely supports all command echelons – from Battalion through Corps or Theatre, and everything in-between. TORC2H® also supports all battlespace disciplines - Intelligence, Operations, Fire Support and other Combat Support (CS) elements, Logistics and other Combat Service Support (CSS) elements - offering true universal situational awareness.

TORC2H® offers optimized data collection and dissemination, faster sensor-to-shooter response time, and a uniform collaborative operational picture - enabling faster and more qualitative decision making.

Modular, scalable, and upgradable, TORC2H® is based on an open architecture, seamlessly integrating with existing systems, communications infrastructure, and sensors – while at the same time taking full advantage of Elbit Systems Land and C4I – Tadiran's advanced hardware and renowned communications systems.

## Fully Deployed in the IDF

Selected by the Israeli Ministry of Defense as the core Command and Control application in the IDF's landmark Digital Army Program (DAP), TORC2H® is already fully operational.

The first next-generation C4I system to be deployed and used on a large-scale under actual ongoing combat conditions, TORC2H® was readily adopted and well-received by all IDF command echelons. Together with comprehensive fielding and training programs, and including significant integration efforts with existing and new systems, TORC2H® has delivered real-world C4I usability to the IDF – providing on-the-ground proof of the efficacy of Netcentric Warfare (NCW) doctrine.

## Key TORC2H® Features

**Collaborative tactical operations**

- Powerful data synchronization overcomes network limitations
- Optimal utilization of network resources
- Autonomous sites with no single point of failure
- Preserves data availability - sites mutually back each other up
- Preserves continuity of operations - functionality available from any site in work group

**Covers all battlefield domains and disciplines**

- Situational awareness, operations planning, battle management
- Operations, intelligence, logistics, fire support, engineering, signals, and more
- Target management, resource management, maneuver support
- Sensor fusion, data filtering, data to knowledge, decision support
- Embedded record, replay and training

**Supports the full spectrum of military operations, structure and methods**

- High Intensity Conflict, Low Intensity Conflict, Training
- Maneuver / Attrition
- Centralization / Decentralization
- Micro Management / Macro Management

**Deployed in multiple operational environments and platforms**

- Stationary, Deployed, Mobile, Dismounted
- PCs, RPLs, Tactical Computers, PDAs

**Sensor connectivity**

- Sensors connected at any site in the system, or in designated "sensor hubs"
- Sensor data is integrated and spatially distributed to all interested units
- Supports plug-in integration of new sensor types