Comprehensive solution for ISTAR dismounted forces

The HattoriX solution provides crucial operational benefits:

Improved SWaP - A dismounted solution designed to support prolonged missions with optimal size, weight and power. Modular configuration - Tailor made for the customer's specific requirements, while enabling the integration of various electro-optics, LRF, designators, C⁴I, radio, radar and more.

Accurate target acquisition – Target Location Error (TLE) CAT-1 is provided via extraction of high-accuracy 3D coordinates using a photogrammetry algorithm.

Connectivity and interoperability – HattoriX's unified system communications and power pack enables several systems to operate in conjunction with each other - increasing operational effectiveness.

Improved Situational Awareness – Integrated video with GIS database processing provides enhanced battlefield management by matching mission planning elements with video input.

Highly efficient fire engagement – Users have the flexibility of choosing the most optimal engagement platform available.

Elbit Security Systems Ltd. (ELSEC) – an Elbit Systems Ltd. subsidiary and part of Elbit Systems' ISTAR division, capitalizes on its close cooperation with defense forces around the world. With extensive technological and operational experience, ELSEC translates operational needs into technologies and products, bringing them together to provide complete and comprehensive solutions.

* Elbit Systems may at any time make improvements or changes to the products or specifications without notice



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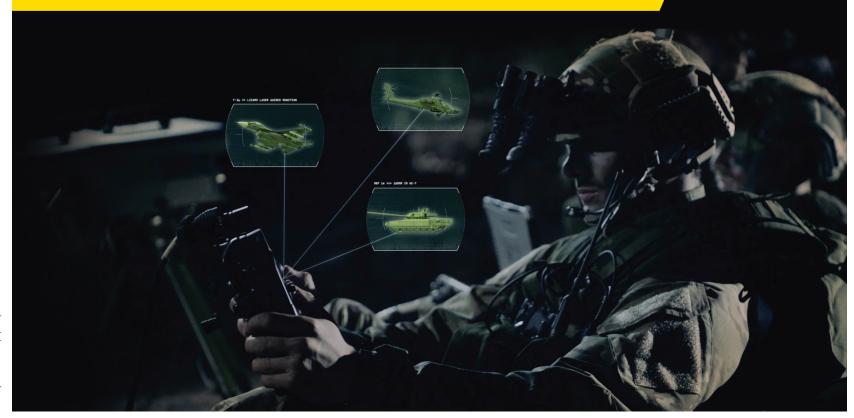






HattoriX

Comprehensive solution for ISTAR dismounted forces







HattoriX is a next-generation fire support and intelligence solution for dismounted forces, designed to shorten the sensor-toshooter cycle while engaging fire effectively and accurately.

The **HattoriX** solution offers the dismounted team an independent intelligence collection-and-analysis capability for immediate and accurate target engagement, while minimizing collateral damage.

By integrating several technologies into one comprehensive solution, **HattoriX** exploits Elbit Systems' ISTAR assets more efficiently than ever before, enabling precise and rapid execution of complex ISTAR missions.

HattoriX is designed for dismounted operational users, including Forward Observers (FO), Forward Air Controllers (FAC), Joint Terminal Attack Controllers (JTAC), reconnaissance, field intelligence and Special Forces.

The HattoriX solution has four different configurations to enable operational flexibility:

MINI HattoriX – lightweight, manually operated configuration for medium-range dismounted ISTAR missions MINI Hattorix RC – lightweight, remotely-controlled configuration for medium-range dismounted ISTAR missions **HattoriX** – manually operated configuration for long-range dismounted ISTAR missions **HattoriX RC** – remotely-controlled configuration for long-range dismounted ISTAR missions

Manual Goniometer •

0.3mil in both axis with Positional Accuracy respect to North reference

Mini HattoriX - up to 5kg **Payload Capacity** HattoriX - up to 20kg

GPS, digital compass and digital leveling

Mission Computer •

2D and 3D digital map Map Display

Including Geo location, target image Target Data Bank

Active (using LRF) Passive (without LRF) – dependent on

Acquisition GIS database

Capabilities Accurate (TLE CAT-1 using photogrammetry algorithm)

Power and Communications Distribution Unit (PCDU) •

External power

Ethernet switch Communications



Remote Controlled Goniometer

0.3mil in both axis with Positional Accuracy respect to North reference Mini HattoriX RC - up to 5kg

Payload Capacity HattoriX RC - up to 20kg GPS, digital compass and digital leveling **Internal Sensors**

Min 0.2mil/sec; Max 350mil/sec Min 0.2mil/sec; Max 180mil/sec

Lightweight Tripod •

Carbon fiber combined with aluminum Construction Built-in ultra-fine leveling mechanism Leveling **Working Height** 20-120cm

Mini HattoriX/RC - 10kg HattoriX/RC - 30kg Payload Capacity

Display Unit

Video display with graphical overlay Software Video recording

Camouflage

3D Multispectral TVC Material

