

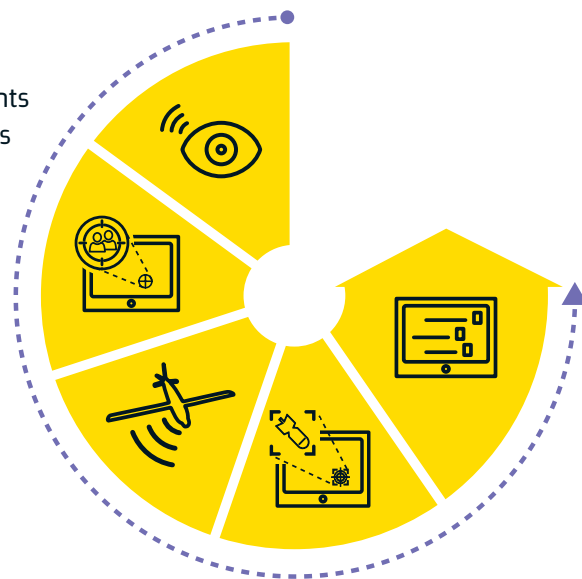
ISTAR Dismounted Solution

Comprehensive solution for ISTAR dismounted forces

Operational Benefits

- > Effectively synergizes various systems into an **all-in-one ISTAR holistic solution for the dismounted force**
- > **Accelerates the sensor-to-shooter cycle** when every second counts
- > **Modular solution** - Tailor made to the customer special requirements
- > Enables highly efficient fire engagement - flexibility of choosing the most optimal platform available
- > Allows intelligence flow between ISTAR assets more **effectively**, more rapidly and, above all, **with greater accuracy** than previously possible

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



ELBIT SYSTEMS - ISTAR

SECURITY & TACTICAL EO SOLUTIONS

ISTAR Dismounted Solution

Comprehensive solution for ISTAR dismounted forces



Security & Tactical EO Solutions - ELSEC
Industrial Area P.O.B 388 Sderot 80100, Israel
E-mail: Elsec-ITL@elbitsystems.com www.elbitsystems.com/Elsec-ITL

Follow us on  

EP16-MKT-018 This brochure contains Elbit Systems proprietary information. © 2016



▼ **SupervisIR™**
Wide Area Persistent
Surveillance System

▼ **ISTAR DS**
Mission
computer

▼ **LVCRR-D**
Long range target
acquisition and
designation system

▼ **Skylark™ I-LEX**
High performance
mini UAS

ISTAR DS offers the dismounted team an independent intelligence collection-and-analysis capability for immediate and accurate target engagement.

By integrating several technologies into one comprehensive solution, ISTAR DS exploits the ISTAR assets more efficiently ever before, enabling precise and rapid execution of complex missions within the observation post while avoiding the risk of losing LOS to the target.

ISTAR DS provides the dismounted team with operational flexibility and rapid reaction to evolving combat situations, and all the tools necessary to close the sensor-to-shooter cycle effectively, rapidly and with greater accuracy.

ISTAR DS supports reconnaissance and target intelligence missions, close air support and special operations.

Providing new dimensions for ISTAR dismounted forces

Data flow within ISTAR DS post

At the heart of the solution is a hand-held mission computer that ensures data flow between the ISTAR DS subcomponents and assists the team commander in evaluating large amounts of intelligence data from various sources and translating it to rapid and accurate fire engagement on the target

- ▲ **1st step: Wide Area Persistent Surveillance:**
Terrain dominance is achieved by integration of the SupervisIR™ Wide Area Persistent Surveillance system
- ▲ **2nd step: Target Investigation:**
The ISTAR DS uses 2 main systems for detailed investigation of the prioritized target:
 - > ATLAS latest generation observation, Target Acquisition and laser designation System
 - > Skylark™ I-LEX or Skylark™ III mini UAS
- ▲ **3rd step: Fire Engagement:**
The ISTAR DS enables the flexibility of choosing the most optimal platform available for engagement while taking into account several parameters including the target munition availability, etc.
- ▲ **4th step: Battle Damage Assessment (BDA):**
The ISTAR DS mission computer manage the BDA process in order to confirm fulfillment of the mission objective

