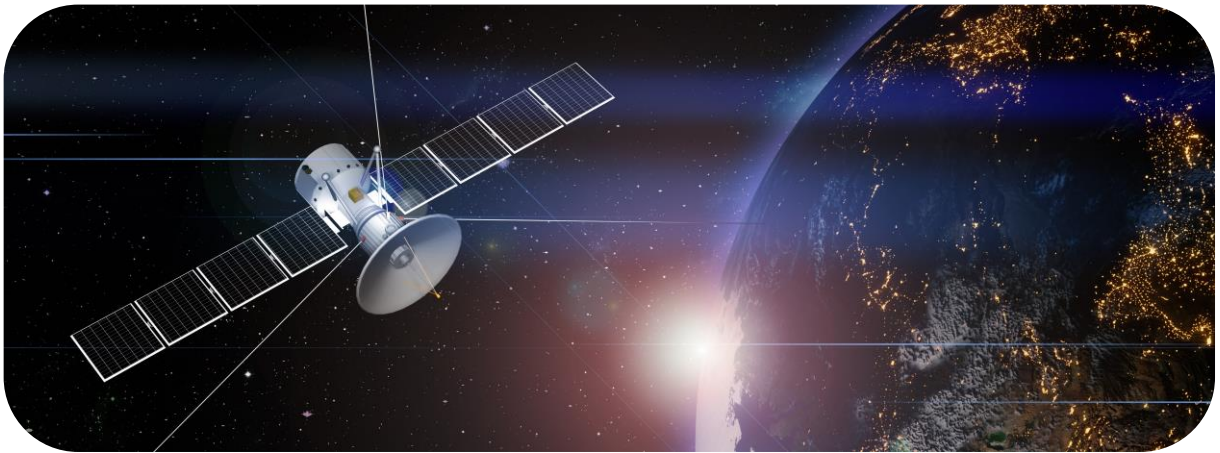# EVIDEN

SkyMon

Unlock Advanced Space Intelligence & SSA

Gain unparalleled satellite awareness to strengthen your national security

EVIDEN

Given the rapid expansion of satellites across Low Earth Orbit (LEO), Medium Earth Orbit (MEO), and Geostationary Orbit (GEO), it is crucial for Ministries of Defense and National Security agencies to develop a comprehensive understanding of space RF signals and satellite activities.

Real-time situational awareness and intelligence become a vital asset for anticipating and addressing emerging threats.

SkyMon empowers you to maintain operational readiness in an increasingly intricate space environment.

Empowering National Security with Real-Time Space Intelligence & Situational Awareness

The rapid proliferation of satellites across all orbits (LEO, MEO, GEO) and their diverse missions – including commercial communications, intelligence gathering, and military operations – has transformed space into a highly contested domain.

Mapping and identifying satellites of interest is a critical component of national security. Real-time monitoring and analysis of their behavior are essential for operational decisions. SkyMon empowers military and national intelligence agencies by providing comprehensive tools and capabilities for:

- **Space Intelligence:** Delivering extensive SIGINT for Satellite Communication Situation Awareness (SCSA) and Intelligence.

- **Space Situational Awareness (SSA)**: Monitoring, characterizing and tracking RF-active satellites to enhance security, threat detection, and situational awareness.

EVIDEN

The Key to National Security in Space

Customer Main Objectives

To enhance national security, nations must achieve comprehensive situational awareness of their skies. To gain this critical visibility, it is essential to:

- **Identify satellites of interest** that may engage in suspicious activities.
- **Determine the position and trajectory** of these satellites.
- **Collect and analyze signals** from these satellites for intelligence insights.
- **Detect jamming attempts** in real time.
- **Geolocate ground stations and terminals** of interest to track potential threats.
- **Access signal content**, if necessary, to significantly enhance intelligence on selected targets

EVIDEN

Skymon product family
The portfolio

SkyMon is a cutting-edge satellite monitoring and tracking platform that has been deployed globally for over 30 years. Built for robustness and scalability, it provides comprehensive surveillance of entire satellite fleets across GEO, MEO, and LEO orbits. Currently, SkyMon ensures 24/7 monitoring of over 100 GEO satellites with industry-leading reliability.

Key Use Cases:

Satellite Scanning and Signal Analysis:

- Continuously scans satellites to detect, classify, and analyze signals.
- Identifies anomalies, unauthorized signals, and potential threats in real time.
- Provides deep signal intelligence for improved situational awareness and decision-making.

Geo-Location of Ground Stations and Terminals of Interest:

- Geo locating ground stations and terminals of interest with the highest success rate in the industry.
- Leverages full automation and advanced AI capabilities for unmatched precision and efficiency.
- Enables rapid response to potential threats by delivering real-time geolocation insights.

Satellite Tracking for LEO / MEO / GEO:

- Provides highly accurate ephemeris data and real-time satellite trajectory tracking.
- Enhances Space Situational Awareness (SSA) by continuously monitoring satellite movements.

LEO SAR Monitoring :

- Providing full visibility of LEO-SAR satellites and their trajectory
- Deep analysis of the SAR signals in real time
- Provides the needed information to protect "sensitive areas" from being monitored by the SAR satellites