

MATRIXSTAR

ADVANCED SATELLITE COMMUNICATION INTELLIGENCE PLATFORM

MULTI-NETWORK MONITORING | SCALABLE ARCHITECTURE | MISSION-READY DEPLOYMENT

Modern satellite communication systems enable global connectivity beyond traditional network boundaries. While essential for legitimate use, these systems are increasingly leveraged in remote, covert, and infrastructure-limited environments.

MATRIXSTAR is an advanced intelligence platform designed to support authorized agencies with comprehensive monitoring, analysis, and situational awareness across multiple satellite communication networks. The platform provides a modular, scalable, and deployment-flexible solution—enabling both centralized command operations and rapid field deployment.



PRECISION GEOLOCATION

Up to 10 meters accuracy for precise target identification.



MULTI-NETWORK COVERAGE

Supports leading satellite networks for comprehensive intelligence collection.



MISSION-READY DEPLOYMENT

Scalable system architecture for centralized, field, or mobile operations.



VOICE, SMS & DATA ACQUISITION



REAL-TIME MONITORING & ANALYSIS



ADVANCED DATA PROCESSING & CORRELATION



INTUITIVE VISUALIZATION INTERFACE

CORE FUNCTIONAL MODULES



SIGNAL PROCESSING MODULE

- Automated detection and classification of satellite signals
- Dynamic frequency tracking and channel identification



DATA PROCESSING ENGINE

- Extraction of communication metadata
- Session logging and indexing for analysis



VISUALIZATION INTERFACE

- Intuitive graphical user interface
- Map-based operational display
- Timeline & event-based data display



ANALYSIS & INTELLIGENCE TOOLS (OPTIONAL)

- Voice analytics & pattern recognition
- Link analysis for relationship mapping
- Data correlation across multiple sources

TECHNICAL SPECIFICATIONS



DOWNLINK RANGE

Up to 100 KM/unit



UPLINK RANGE

Up to 10 KM/unit



GEOLOCATION ACCURACY

Up to 10 meters



ACQUISITION TYPES

Voice, SMS and data



SUPPORTED NETWORKS

- BGAN, GSPS, Thuraya
- Iridium, Iridium Certus
- IsatPhone 2



DEPLOYMENT MODES

- Central Command
- Field Operations
- Mobile (Ruggedized)



MATRIXSTAR delivers a modern, scalable, and mission-ready capability—enabling authorized agencies to operate effectively in complex and distributed satellite communication environments. With precision geolocation down to 10 meters and multi-network support across leading satellite systems, MATRIXSTAR provides unparalleled situational awareness.



Disclaimer: Product features and specifications are subject to change without prior notice. Please contact us to obtain the most current and accurate product information.