IMSAR

FULLY INTEGRATED C2 & PED SOFTWARE

Transform real-time data from mutiple sensors in actionable intelligence and quickly make informed decisions

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LISA 3D

Can be combined for multi-user configurations

KEY FEATURES

IMPORT FILE TYPES	*Shapefile, GeoTIFF, NITF, JPEG, KML/KMZ, GPX, AIS, Network Video Streams*
EXPORT FILE TYPES	*Shapefile, GeoTIFF, NITF, JPEG, KML/KMZ, PNG, TIF, BMP, PPT, Clipboard*
VISUAL FLIGHT PLANNING	*Integrated comm link, chat, sensor health messages*
IMAGE EXPLOITATION	*Real-time precision images formation libraries* *SAR, CCD, MTI, Maritime Surveillance, Quad-Pol, EO/IR*
SEARCH FEATURES	*Timeline, calendar, basic & advanced search by: Time, date, location, & data type*
SYSTEM REQUIREMENTS	*Windows*
TRL	*9*

OPERATIONS

HARDWARE	*NanoSAR, Lisa GS™, Viper™, Comm Link, Falcon™, EO/IR, Weather Station, AIS, FMV, Custom Configurations*
SOFTWARE	*Lisa Imager™, Lisa Motion™, Lisa Change™, Lisa Tracker™*

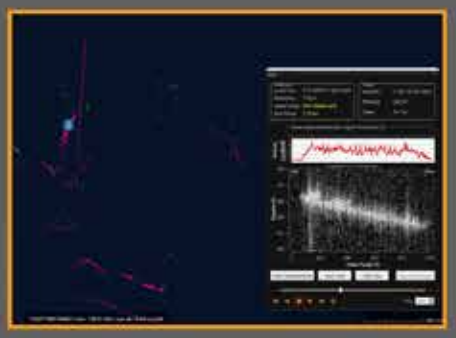
CAPABILITIES

PLANNING	*Create data collection plans for multiple modes and sensors* *Generate flight plans based on data collection plans* *Integrate multiple flight tracks into single flight plan* *Load and store multiple flight tracks for a single sensor*
OPERATING	*Monitor and control multiple sensors, platforms, and datalinks in the same window* *Track real-time locations of sensors* *Monitor flight characteristics of platforms (including velocity and altitude)* *Command sensors to automatically collect data* *Dynamic change data collection modes and plans during missions* *Cross cue between sensors* *Send and receive messages*
ANALYZING	*View real-time data from multiple sensors in a single display* *View, annotate, and mark sensor data products* *Export data products* *Store and search previously collected data products* *Filter and playback data products*

APPLICATIONS

- Specialized ISR Missions
- Railroad Monitoring
- Sea Ice Detection & Monitoring
- Wildland Fire Monitoring
- Counter-Narcotics
- Search & Rescue
- Coastal Mapping
- Pipeline Monitoring
- Illegal Migrant Operations

Lisa 3D™ is the unified Command and Control (C2) and Processing, Exploitation, and Dissemination (PED) platform for IMSAR radars. Acting as the bridge between the operator and the sensors, it visualizes the imagery generated by the processing server and provides a single, intuitive map-based environment for mission management.



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