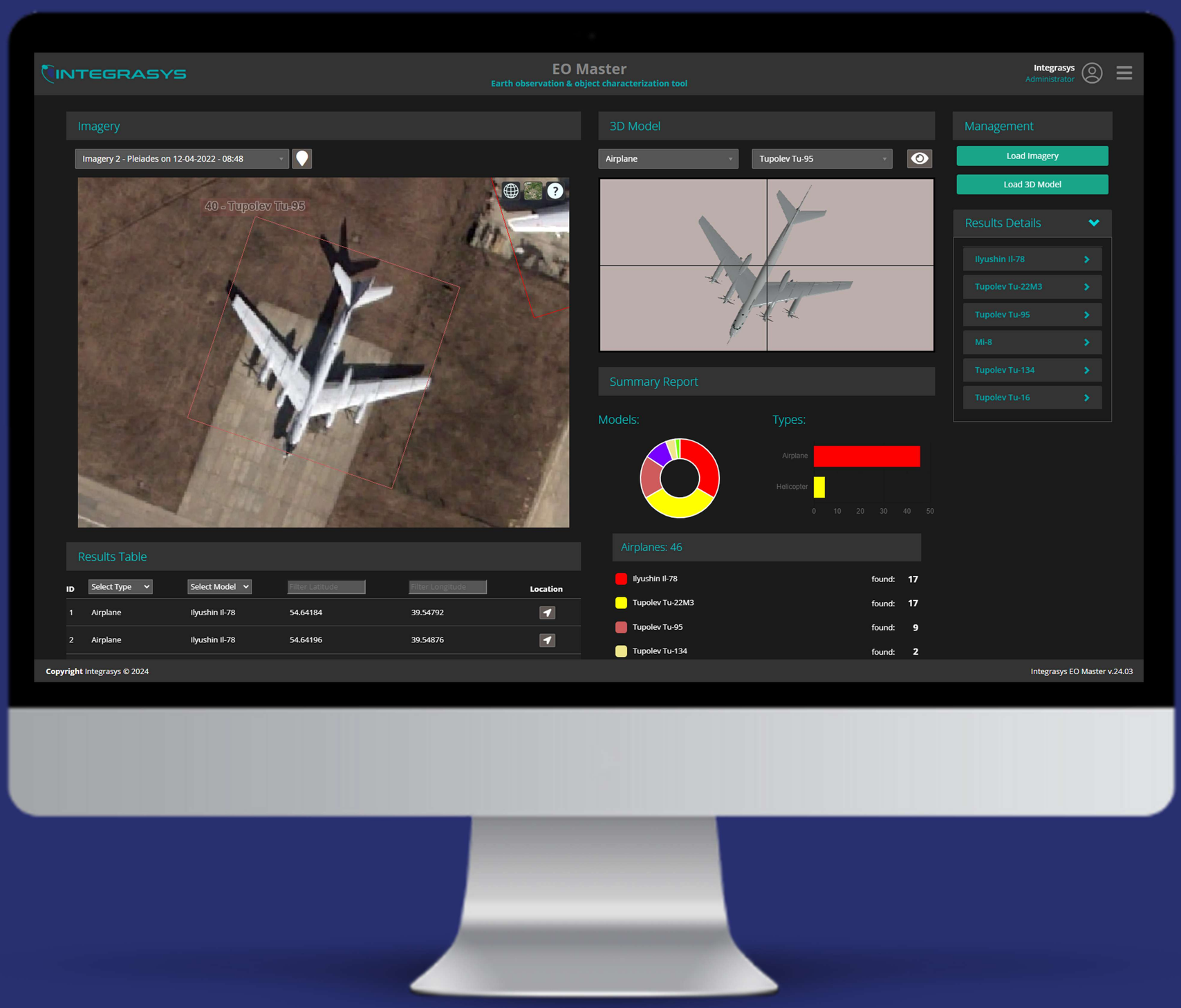
EOMaster

EO & Characterization tool

INTEGRASYS
Building success from innovation

CAPEX or SaaS



EARTH OBSERVATION & OBJECT CHARACTERIZATION TOOL

Artificial intelligence & Machine Learning Image processing for Geospacial Intelligence (GEOINT) Situational Awareness in miliseconds from image download to object characterization

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Competitive Advantage

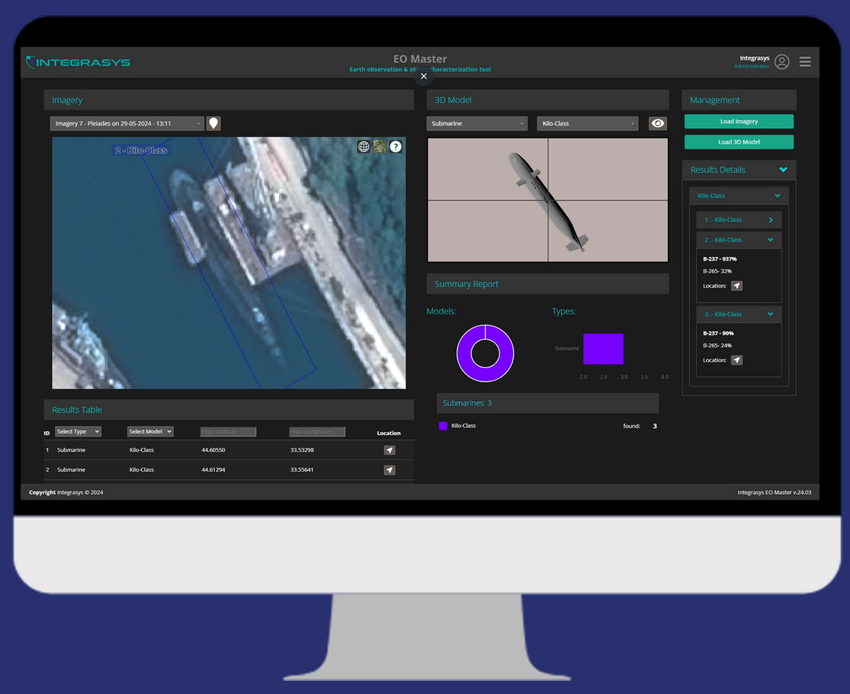
- Image provider agnostics
- Able to process numerous image formats from numerous type of payloads (satellites, UAVs, etc)
- Optical Images and Radar images compatible with the tool
- Image processing in milliseconds with alarms engine and notifications engine
- Restful API for easier integration

Benefits

- Customizable workflows for specific analysis tasks.
- User-friendly tool for data manipulation and analysis.
- Comprehensive documentation and user support.
- Ensuring the security and privacy of sensitive data.
- Multiple users and version control for analysis projects.
- Powerful tool for asset monitoring and tracking, enviromental monitoring, land management, disaster response, and various other green applications.
- Generation of change maps and easy image comparison.

Features

- Interactive maps and easier visualizations.
- Integration with AI/ML libraries and algorithms for vast real-time analysis.
- Automated reporting generation with executive summary for fast guided decision making.
- 3D Models DataBase Prealoaded with unlimited capacity for new fast uploads.
- Export processed data and analysis results in various formats (e.g., shapefiles, KML, CSV, PDF).
- Intuitive graphical user interface (GUI) for no requiring expert operators.
- Integration with data from multiple satellite and sensor sources.



Company Awards

MSUA SATELLITE MOBILE INNOVATION AWARDS 2022 — GOVERNMENT MOBILE INNOVATION — INTEGRASYS

2014 Vision Awards Winner — Most Innovative Product of the Year Award

VSAT INDUSTRY AWARDS 2015 — WINNER — VSAT Technology Innovation of the Year

VSAT Stellar AWARDS — WINNER