EO Master

Earth Observation & Characterization Tool

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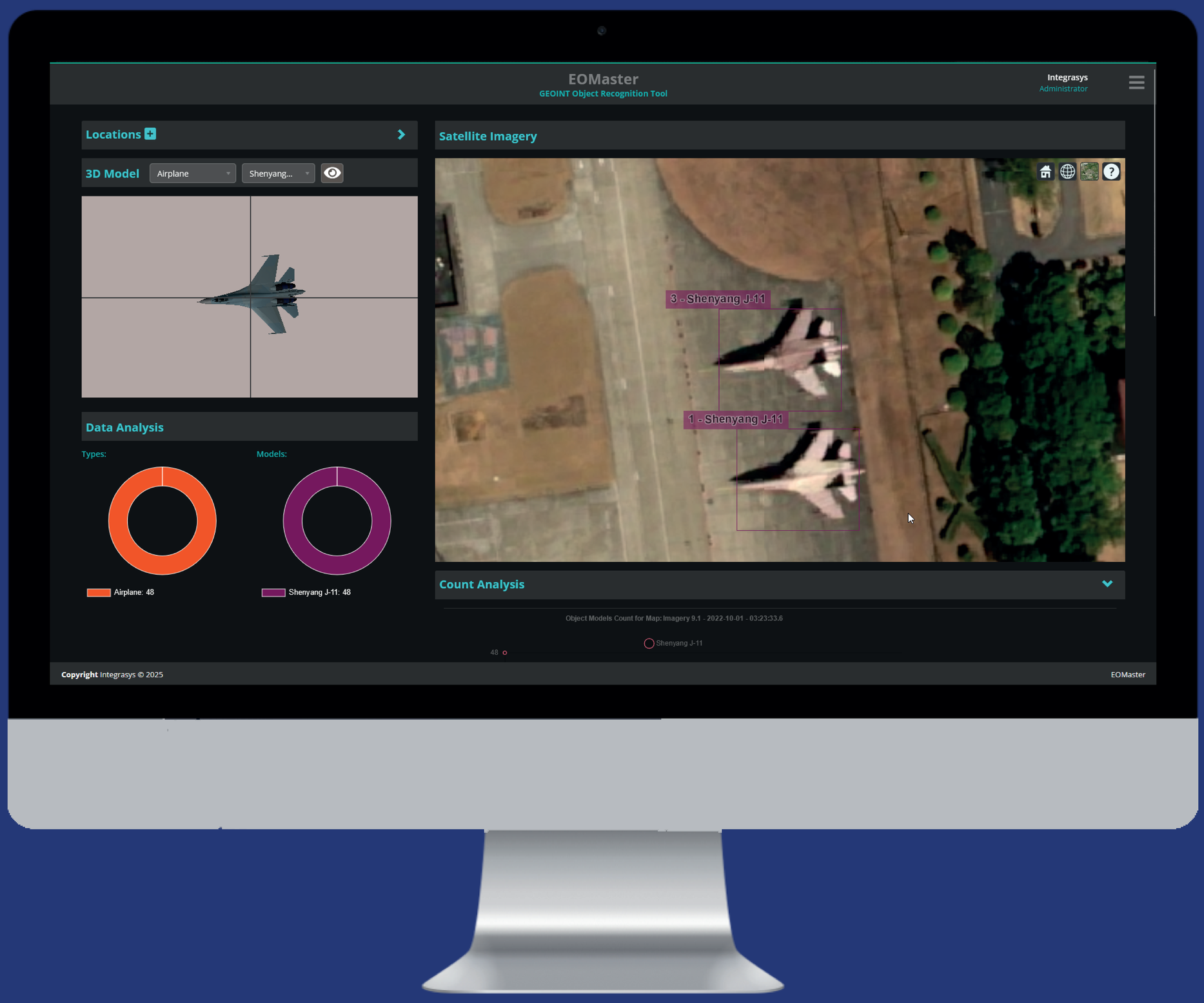
CAPEX or SaaS



EARTH OBSERVATION & OBJECT CHARACTERIZATION TOOL

Artificial intelligence & machine learning image processing for geospatial intelligence (GEOINT) situational awareness in miliseconds from image download to object characterizaton

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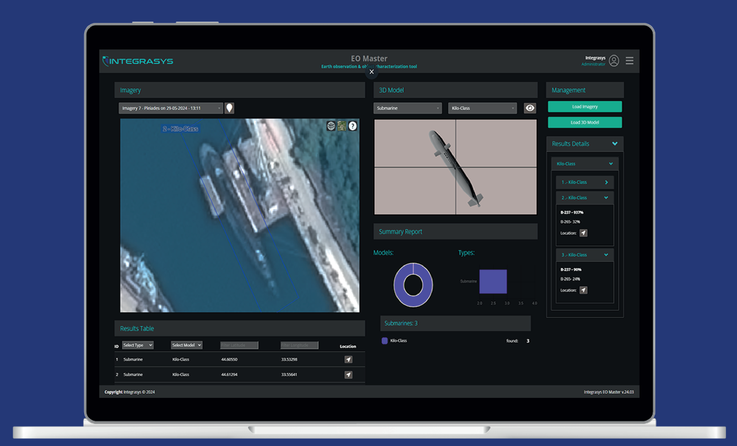
Competitive Advantage

- Image provider agnostic.
- Able to process numerous image formats from numerous types 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.



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 preloaded with unlimited capacity for new and fast uploads.
- Export processed data and analysis results in various formats (e.g., shapefiles, KML, CSV, PDF).
- Intuitive graphical user interface for no requiring expert operators.
- Integration with data from multiple satellite and sensor sources.

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.

Company Awards

Vision Awards	MOST INNOVATIVE PRODUCT OF THE YEAR	2014
VSAT INDUSTRY AWARDS 2015	TECHNOLOGY INNOVATION OF THE YEAR	2015
VSAT GLOBAL 2017	BEST GROUND TECHNOLOGY OF THE YEAR	2017
WTA	TELEPORT TECHNOLOGY OF THE YEAR	2018
MSUA	GOVERNMENT MOBILE INNOVATION	2022
WTA	TELEPORT TECHNOLOGY OF THE YEAR	2023
MSUA	SATELLITE MOBILE INNOVATION AWARDS	2023
MSUA	NEW SPACE MOBILE INNOVATION AWARD	2024
BROADCASTPRO ManufacturerAwards	BEST CONTRIBUTION TO SUSTAINABLE SATELLITE OPERATIONS	2025
SSPI	BETTER SATELLITE WORLD AWARDS	2025