

## **ImiSight™** Multi Source Intelligence System & Service



### **Imagery Insights**

#### **Benefits**

- From data collection through advanced image exploitation processes to obtaining meaningful information
- Relevant for both real-time and off-line research and monitoring tasks
- Automatic processes - Rapid Big Data management and analysis
- Multi Sensor - Multi-source data collection
- Scalable system - Tailored to meet the requirements and needs of each customer
- Cloud-based & station - based, configurable services and solutions

#### **ImiSight™ Intelligence System**

ImiSight™ Intelligence System & Service utilizes Rafael's long experience of developing state-of-the-art technologies in the following fields: Multi-sensor visual data acquisition and processing, advanced GIS solutions, high end intuitive & user friendly interface, along with professional image exploitation knowhow; thus, ImiSight™ provides perfect comprehensive intelligence system and services for enterprises as well as security and defense establishments.

The multi-sensor multi-tasking system provides smart solutions that meet the unique requirements and needs of each customer; ImiSight™ processes vast imagery data and provides immediate access to integrated coherence situation awareness.

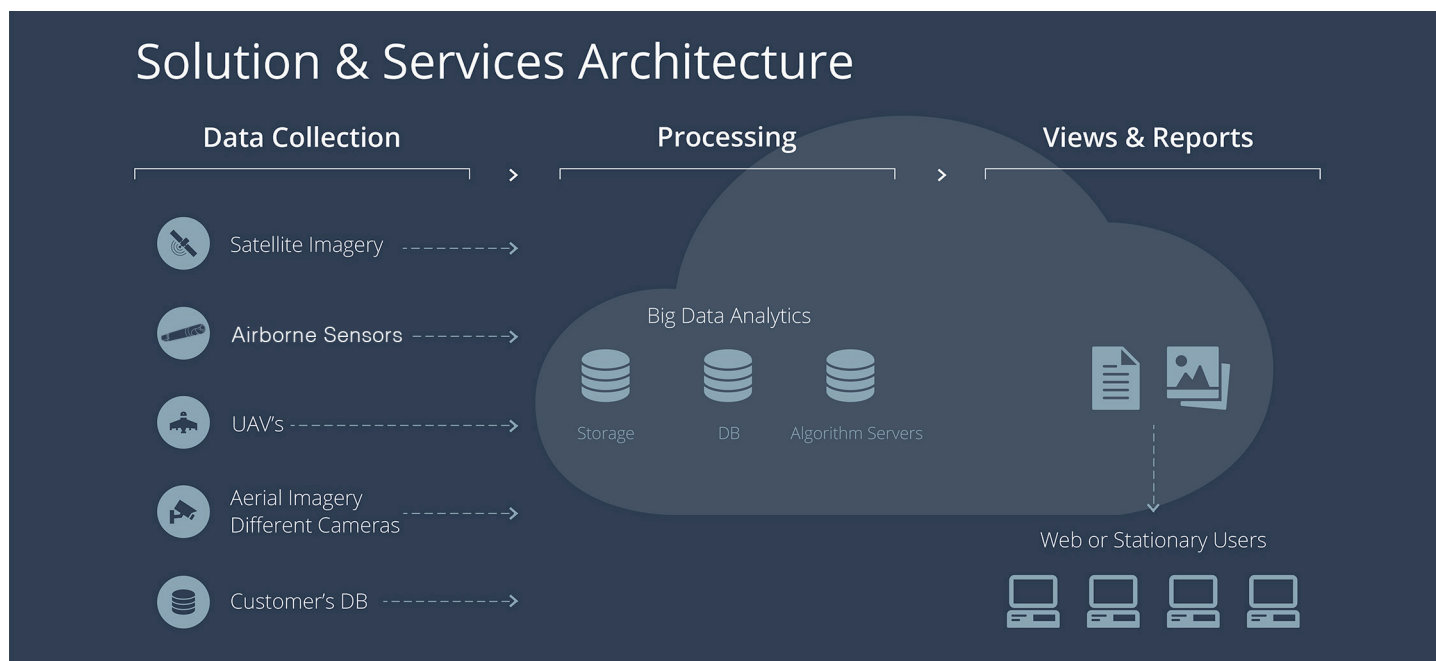
ImiSight™ easily integrates with customers' or third party legacy and new sensors and operates seamlessly with Rafael's ISR sensors.

With either SaaS or stationary services, ImiSight™ provides the ultimate solution for a wide range of needs of diverse industries.

Presentations & Reports are designed, produced and published on demand in a various formats.

## Solution & Services architecture

Entire process from data collection to meaningful information



**ImiSight™ speeds up the intelligence production cycle by a significant measure, using automated/semi-automated image exploitation capabilities:**

- Image enhancements tools - Image improvements, noise reduction and more
- Object and anomaly recognition
- Geo-location and spatial orientation tools
- Advanced tools such as mosaic generation, 3D viewing, change/motion detection tools, flicker, blend, video tracking and more.
- 3D viewing with fly-through capabilities
- Image analysis tools - line of sight, ground measurements, texture analysis, 3D feature extraction.
- Photogrammetric products: Orthophoto, DTM, DSM



### Solutions & Services

ImiSight™ accomplishes various cost reductions, yield increasing and intelligence monitoring solutions for many industries, such as:

**Rural area** - Precision agriculture, precision forestry, mineral exploration, oil production & mining, environmental support & government compliance and natural disasters management

**Urban area** - Urban planning, real-estate monitoring, change detection, cellular networks, infrastructure protection, and population behavior monitoring

**Corridor mapping** - Transportation planning and protection, powerline monitoring and oil & gas pipeline planning and monitoring

**Additional** - Not limited to any specific industry, ImiSight™ monitors, plans, manages and improves operational management of any industry where spatial or motion related issues are paramount

**RAFAEL**   
ADVANCED DEFENSE SYSTEMS LTD.

**Air and C<sup>4</sup>ISR Systems Division**

Tel: (703)214-7693 Fax: (240)559-9611

E-mail: [brian.jones@rsgslc.com](mailto:brian.jones@rsgslc.com) [www.rsgslc.com](http://www.rsgslc.com)

**HQ** Tel: (972)73-335-4714 Fax: (972)73-335-4657 E-mail: [intl-mkt@rafael.co.il](mailto:intl-mkt@rafael.co.il) [www.rafael.co.il](http://www.rafael.co.il)