

# HyperReveal TACTICAL

## ARTIFICIAL INTELLIGENCE SOLUTION FOR GEOSPATIAL INTELLIGENCE

**HyperReveal TACTICAL** delivers cutting-edge AI-powered geospatial intelligence solutions for defense and intelligence entities.











Its proprietary **AI Detectors** automatically process VHR satellite imagery on both electro-optical (EO) or synthetic aperture radar (SAR) to speed up the intelligence cycle and enable timely decision-making.

**HyperReveal Detectors offer the best performance** on the market to detect, recognize, and identify military objects and man-made infrastructures, on both EO & SAR imagery.



### AI DETECTORS

Ready to deploy **pre-trained** algorithms with high accuracy across EO and SAR imagery:

									
AIRCRAFT	VESSEL	VEHICLE	ARMORED	HELICOPTER	LAUNCHER	TENT	BUILDING	ROAD	BARRIER

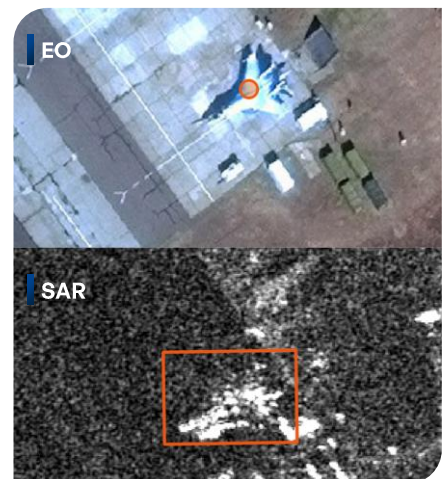
.....  
EO  
.....  
SAR



**HIGH-LEVEL ACCURACY FROM DETECTION TO IDENTIFICATION**



**HIGH-SPEED PROCESSING FOR MASSIVE DATA EXPLOITATION**



**GLOBAL PERSISTENT MONITORING THANKS TO EO & SAR COMBINATION**

# OUTMOST PERFORMANCE FROM STRATEGIC INTELLIGENCE DOWN TO THE TACTICAL EDGE



## STRATEGIC SITES SURVEILLANCE

Automatic disposition of forces  
Specific area/object monitoring  
Tagging assistance



## BROAD AREA SEARCH

Large area object research  
Target identification  
Tactical GEOINT



## ACCELERATE MISSION PLANNING

Automatic vectorization/mapping  
Ground feature extraction  
GRG automation

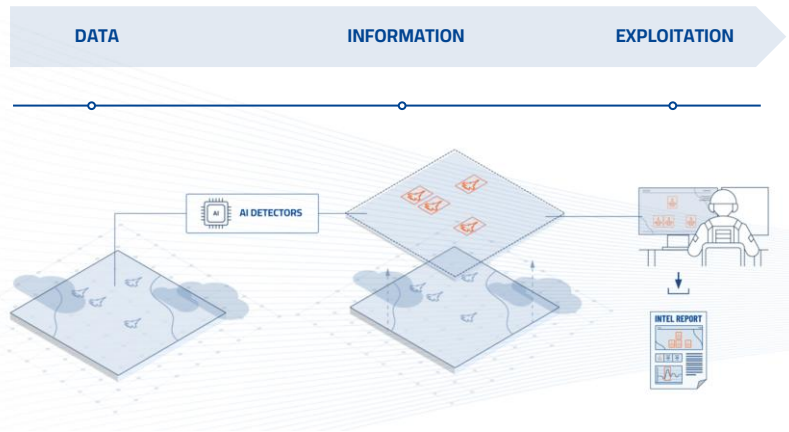
## TECHNICAL SPECIFICATIONS

### Input

Imagery type .....EO, SAR imagery from any provider  
Imagery resolution .....< 70 cm  
Imagery formats .....TIF / JPEG2000 / NITF  
Classification...public cloud (CSI) up to SECRET (NTM)

### Output

Vectors formats ..... Geojson, Shapefile, KML  
Overall performance .....F1-Score: > 90%  
Vectors exploitation...GXP Xplorer, ArcGIS Pro, MINDS



## COMBAT-PROVEN AI CAPACITIES ALREADY INTEGRATED WITHIN INTELLIGENCE AGENCIES' OPERATIONAL PROCESSING WORKFLOWS

Deployed at operational scale in Global **Critical Access** and **Influence** Zones.



**Trained on a proprietary database of 50M objects**



**Battle-proven under current real-world military operations**



**Full agnosticity from input data to output exploitation**



**Seamless integration with existing workflows**