

Intelligence as a Service

# PERSISTENT SAR INTELLIGENCE

## Get Actionable Intelligence, with Daily Briefings, for Persistent SAR Satellite Monitoring Missions

### HIGHLIGHTS

- Persistent SAR Monitoring**  
 7 Day Packages of Daily-Revisit SAR Imaging with precise change-detection and mission specific analysis
- Daily, Actionable Intelligence**  
 Rapidly digestible intelligence via our at-a-glance briefings for mission critical decision making.
- Integrated RF Source Detection**  
 Our Sensory Fusion options include RF Signal Detection Tasking for improved context & awareness.
- Artificial Intelligence for SAR**  
 AI enhanced SAR imagery & automated object detection improve analysis quality and efficiency for large-scale monitoring.

### OVERVIEW

The Persistent SAR Intelligence service delivers actionable intelligence through 7-Day SAR Satellite Missions and our AI enhanced analysis process. Our SAR Mission Specialists augment your monitoring bandwidth to rapidly deliver daily intelligence briefings tailored to your mission’s specific goals.

### PERSISTENT SAR MONITORING

The future of Geo Intelligence is Large-Scale, Persistent SAR Monitoring with AI Assisted Analysis. SAR’s Day-or-Night & All-Weather capabilities provide a no-compromise approach to time-sensitive, mission-critical geo-intelligence. When combined with RF Detection Tasking, the value of Persistent SAR increases.

### INTELLIGENCE AT A GLANCE

boxMica’s Fully Managed SAR Intelligence Service lets you scale up your persistent monitoring missions fast & cost effectively. Our Intelligence-at-a-Glance Briefings empowers your organization with efficient ingestion of SAR for large scale Intelligence operations such as border security or warzone monitoring.



## Product Features

Our SAR Intelligence as a Service solves the problem of accessing & analyzing Commercial SAR Satellite Data to create time-sensitive, actionable intelligence. With boxMica, you can scale-up your SAR Operations rapidly & at a fraction of the cost of current overwatch missions.

AVAILABLE TODAY

### Managed Commercial SAR Analysis

# ICEYE

We've partnered with the leading Commercial SAR Provider, ICEYE, to offer their unique **Daily Coherent Ground Track Repeat** data to perform persistent intelligence gathering & monitoring. We provide Spot, Spot Extended Area, or Strip imaging modes for Persistent SAR Intelligence.

#### PERSISTENT SAR TASKING

	<b>SPOT</b>	<b>SPOT EA</b>	<b>STRIP</b>
SITE COVERAGE	5 km x 5 km	15 km x 15 km	30 km x 50 - 600 km
SLANT RESOLUTION	0.5 m x 0.25 m	0.5 m x 1.0 m	0.5 m - 2.5 m x 3 m

COMING Q4 2022

### Integrated RF Detection for SAR Missions

To greatly increase the value of our Persistent SAR Intelligence Missions, we are partnering with a leading service to integrate Radio Frequency(RF) Detection to augment our ability of detecting mission related assets and events for Defense and Security verticals.

#### RF GEOLOCATION FREQUENCIES

VHF Marine Communications (48 Channels) | VHF Ch. 70 Digital Selective Calling (DSC) | VHF Flex\*  
UHF Push-to-Talk | UHF Flex\* | EPIRB | L-Band Mobile Satellite Devices - GEO-Mobile Radio (GMR)  
GPS Interference | S-Band Marine Radar | X-Band Marine Radar

## Intelligence Mission Order Flow

Does your mission require monitoring a large number of sites for strategic operational awareness? boxMica's SAR Service rapidly scales to unlock large-scale SAR Intelligence for your missions with the power of Commercial SAR & Artificial Intelligence. A Persistent SAR Intelligence mission entails:

1

### Mission Scope Alignment & Feasibility

Agencies request a SAR Intelligence Mission by providing Areas Of Interest(AOI), tasking constraints, and mission goals for our SAR Mission Specialists to persistently monitor over the duration of the mission.

2

### Daily Tasking, Analysis, & Briefing Delivery

Working with our Commercial SAR Partners; we manage the acquisition & mission-specific analysis of SAR data. We rapidly delivery daily briefings for at-a-glance intelligence gathering.

3

### Mission Completion & Extendability

After 7 days of persistent SAR monitoring & daily briefings, the mission reaches completion or is extended for an additional week of intelligence gathering of the mission's AOIs.

## Before Overwatch, Choose boxMica Intelligence Services

We increase your bandwidth for SAR Intelligence with the power of Commercial SAR Satellite Data & our fully-managed Intelligence as a Service offerings.

With boxMica, you can monitor any number of AOIs across multiple missions without burdening your existing operations & decreasing your overwatch costs.

**boxMica**

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