



# Ageon ISR

Real-time mission control  
& forensic analysis.

## Multi-domain operations suite for superior mission command.

Combining live, high-volume data from disparate sensors, systems, and open sources, Ageon ISR is a real-time, web-based Common Operating Picture (COP) application that provides situational awareness and actionable intelligence to a diverse set of C5ISR mission operations. Ageon ISR's cutting-edge command, control, and communication capabilities can be tactically linked across an enterprise network, providing unprecedented reach for visualization, exploitation, and forensics within a true COP.

### Key features

- Thin-client — 100% browser-based
- On-screen and gamepad sensor control
- Autonomous command and control
- Object detection and sensor correlation
- Full localization — Right-To-Left (RTL) languages supported
- Common data formats — defense sector and commercial
- Real-time federation mesh across installations
- Remote application and system administration
- Commercial Off-The-Shelf (COTS) hardware/devices compatible
- Exportable, ITAR-compliant version available via GeoSpera

### Benefits

- 10+ years of proven deployment
- Superior mission flexibility
- Reduced operator cognitive workload
- Rapid sensor and system integration
- Echelon command interoperability
- Data efficiency to accommodate 'Big Data, Small Pipe' World
- Authorized to operate on systems across multiple agencies

### Applications

- Force protection
- Border security
- Critical infrastructure security
- Disaster response
- Maritime domain awareness



## Ageon ISR

Mission success depends on a complete common operational picture.



### Live and post-mission management

Full Sensor Control • Real-Time Mission Reporting • Mission Product Creation • DVR-like Video and Geospatial Playback • Integrated XMPP Chat

### Autonomous C2 and object detection

Object Detection Georeferencing • Real-Time Alerts and Notifications • Automated Sensor Control and Tracking

### Geospatial services

OGC-Compliant Map Server • Elevation Data Support for 3D Visualization

### Geospatial tools

GIS Drawing Tools • KML Map Layers • Watch Zones • Geospatial Search • Site Planning

### Motion imagery processing

Video Transcoding • Metadata Extraction • Simultaneous Archival and Display • KLV Muxing

### Back-end data services

Ingestion, Normalization, and Dissemination • Data Federation • Custom Message Routing

### Data archiving and search

Index and Catalog Data • Search Archived Mission Products • Replay and Analyze Mission Data

### Standards

SEIWG • ONVIF Profile S • STANAG • MISB • ISA • ISO/IEC • NMEA • AIS • ADS-B • Link 16/JREAP C