



Ageon ISR

Real-time mission control
& forensic analysis.

Improve and speed decision-making for the warfighter.

Ageon ISR is a real-time, web-based Common Operating Picture (COP) and Command and Control (C2) software system that provides situational awareness and actionable intelligence to a diverse set of C5ISR missions. Ageon ISR securely combines live, multi-dimensional data from a vast array of sensors, systems, and open sources to deliver cutting-edge command, control, communication, and cyber to critical operations. The Ageon ISR suite can be tactically linked across a wide enterprise network, granting unprecedented reach of visualization, exploitation, and forensics capabilities to its users.

Key features

- Thin-client – 100% browser-based
- On-screen and gamepad sensor control
- Autonomous command and control
- Object detection and sensor correlation
- Full content localization, including Right-to-Left (RTL) languages
- Common data formats – defense sector & 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 (GeoSpera)

Benefits

- Single-pane-of-glass capability
- Enterprise scalability and performance
- Superior mission insight and flexibility
- Reduced operator cognitive workload
- Rapid sensor and system integration
- Multi-echelon command interoperability
- Data efficiency to accommodate 'Big Data, Small Pipe' world
- 15 years of proven deployment
- Authorized to operate on systems across multiple agencies



Force protection



Maritime domain awareness



Disaster response



Border security



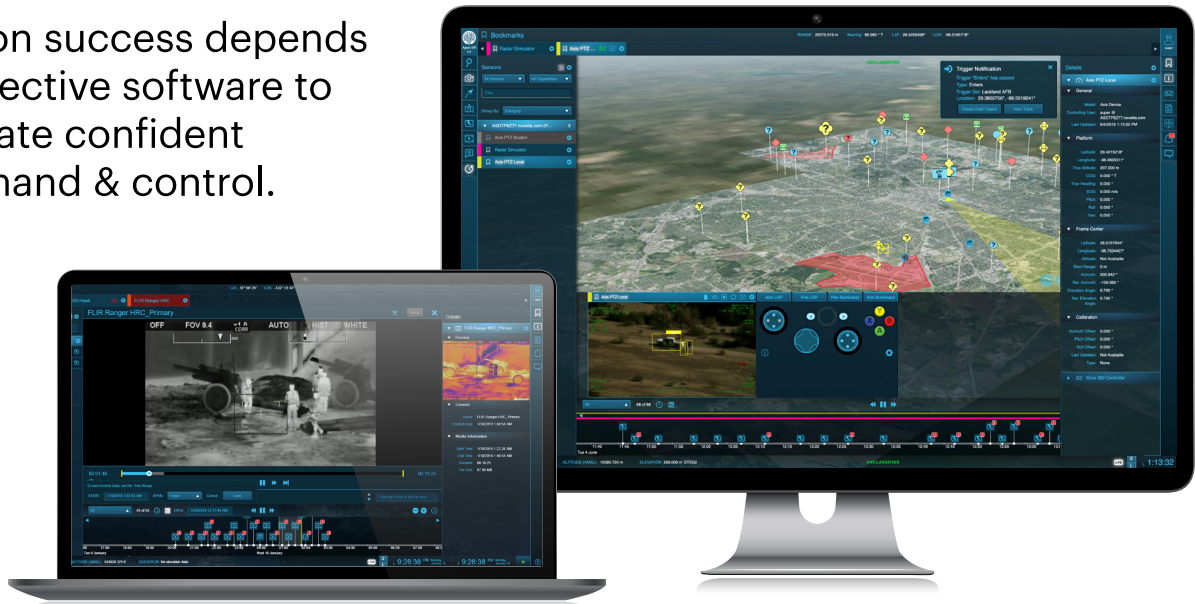
Critical infrastructure security



Foreign military sales



Mission success depends on effective software to facilitate confident command & control.



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

Direct Sensor Integration • Ingestion, Normalization, and Dissemination • Real-time 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

For more info

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