



AGS SMARF

- Alliance Ground Surveillance System Master Archival/Retrieval Facility information

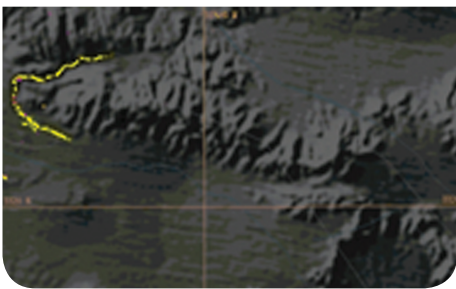
The Kongsberg AGS SMARF is an integral part of the NATO Owned and Operated AGS system which provides the Alliance with advanced all-weather wide-area ground surveillance capabilities.

The AGS SMARF provides state-of-the-art capabilities for storing, managing and disseminating Joint Intelligence, Surveillance and Reconnaissance (JISR) data and information. It is highly flexible, and will effectively support networked users throughout complex and unpredictable operational environments.

The AGS SMARF is a key enabler for the emerging NATO JISR capabilities, and offers flexibility and growth potential in support of current, emerging and future needs.

FEATURES:

- Very Large and Long-Duration Persistent Storage
- Deployment and Scalability for Tactical to Enterprise Levels
- Open Standards
- Open and Modular Design
- Service-Oriented Architecture (SOA)
- NATO Network-Enabled Capabilities (NNEC)



CAPABILITIES

The AGS SMARF provides centralised storage capabilities for the NATO Owned and Operated AGS system. It holds, manages and enables dissemination of all ground surveillance data produced by the system throughout its entire lifetime.

FLEXIBILITY

The AGS SMARF supports all uses of the AGS surveillance data, ranging from real-time situation awareness to long-term trend analysis and forensics.

The technology is highly flexible and scalable, enabling use in a variety of applications and installations, and from tactical to enterprise levels.

INTEROPERABILITY

The AGS SMARF will assure interoperability with a wide range of NATO and National JISR and C2 capabilities through adherence to NATO STANAGs and agreements. This approach enables the AGS system to integrate with NATO and the nations in seamless and network-oriented manner.

The end result is effective and timely availability and dissemination of data and information to military and civilian users throughout NATO.

DATA INTERFACES:

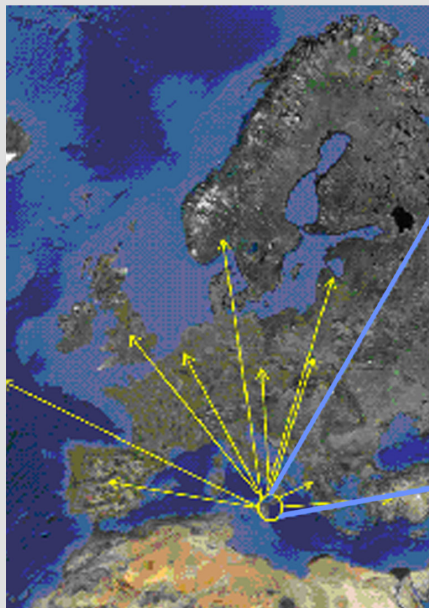
STANAG 4559 NATO ISR Library Interface (NSILI) / Coalition Shared Database (CSD)

OGC Web Services (OWS) Common Standard/OpenGIS® Catalogue Services Specification (Web Interfaces)

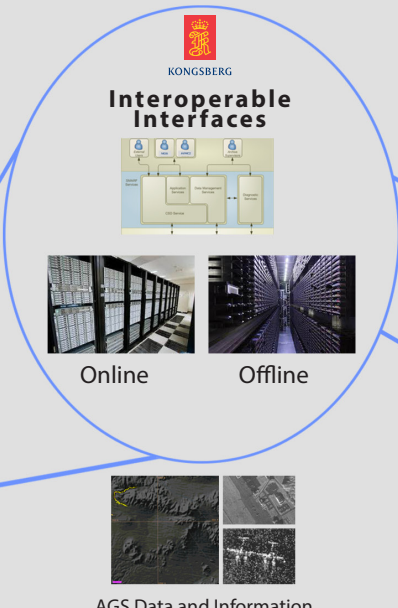
DATA FORMATS:

- STANAG 4607 (GMTI data)
- STANAG 4545 and 7023 (SAR, ISAR, EO, and IR imagery, Exploited imagery)
- STANAG 5516 (track data and related messages)
- ADatP-3, STANAGs 3277 and 3377 (Formatted text messages)
- STANAG 4633 (ESM)
- STANAG 4676 (ISR tracks)
- STANAG 5527 (NFFI data)
- STANAG 4609 (Moving video)
- XMPP (Messaging)
- Unstructured Data (Any File)

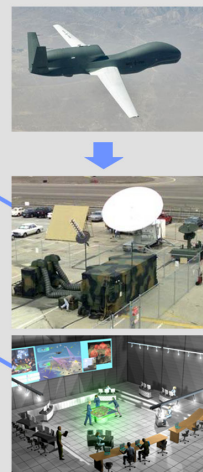
Data Dissemination to NATO and National Users



AGS System Master Archival/Retrieval Facility



AGS Data Collection and Processing



WORLD CLASS

- through people, technology and dedication

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