

KEY Benefits

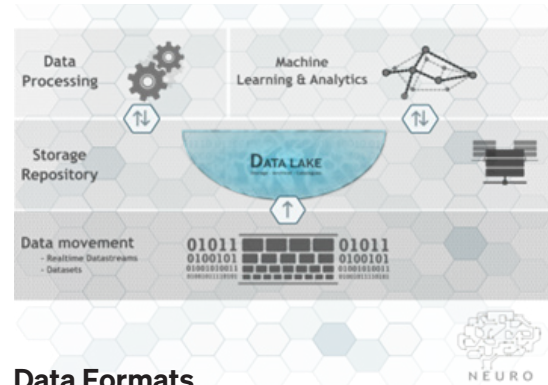
- Excellent foundation for security accreditation
- Ready for Zero-trust environments
- Data Centric Security with policy based flow and access control built-in
- Infrastructure for Machine Learning and AI based processing and decision support
- Free text as well as structured search

Open Architecture and Interoperability

- Microservices based Service-oriented architecture (SOA)
- NATO Coalition Shared Data (CSD) ISR Library and Streaming Services AEDP-17, AEDP-18 ready for Federation Mission Net (FMN) Spiral 4 and 5.
- OGC and custom REST APIs and WMS map server support.
- May utilize enterprise storage solutions

Extendable Metadata Profiles

DSAR support an extendable set of metadata catalogs. Information mitigation and transcoding between metadata representation formats are built-in. Key metadata standards supported are Dublin Core, ogc:Records, ogc:CSW, cat:ebRIM, NATO Coalition Shared Data (CSD/NSIL), and NATO Core Metadata Specification (NCMS).



Data Formats

DSAR is agnostic to data formats used, however some formats need special handling required by standard service specifications. More generally built-in mining, indexing, and transcoding features are provided for a number of formats such as:

Military: FMV, SAR, ISAR, Photo, EO, IR, GMTI, TDL, ESM, Sonar, ISR-Track, NFFI, AWCIES, JISR Reports, APP-11 messages.

Other: AIS, ADS-B, DDS data, ASTERIX, various video and audio encodings, GeoJSON, GML, KML and WMS.

Any structured or unstructured data may be stored and cataloged. Applications may provide custom mining, indexing and transcoding that integrate with DSAR services.