

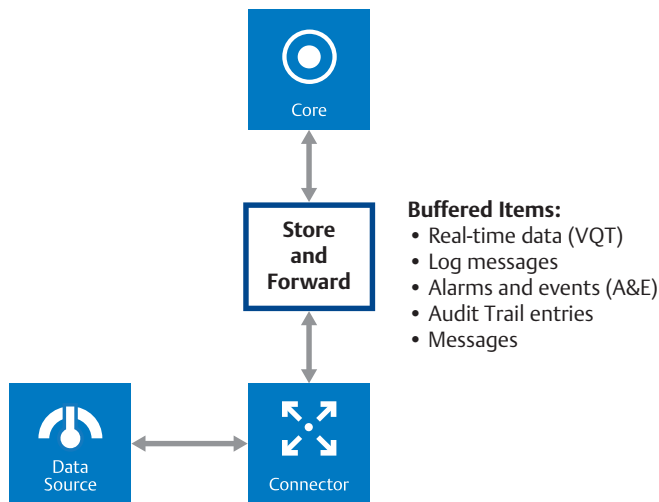


# AMS Optics Connectivity

Securely connect and collect disparate OT data. Integrate any enterprise application with interface servers. Bring your Operations and IT organizations closer to meet your digital transformation objectives.

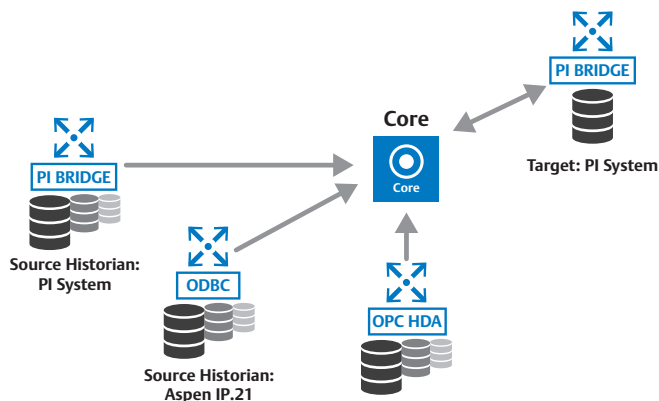
## Don't Lose Your Data

Store and Forward (SaF) sub-system buffers data generated by a source. SaF can be configured to use volatile main memory or persistent hard disk space.



## Easily Transfer Historical Data

History Transfer feature allows movement of historical data from an external historian source into AMS Optics or to another external historian destination.



## Interfaces Supported

### Ingress

- Classic OPC (DA/HDA/A&E)
- OPC UA
- OledB
- Relational Databases (ODBC)
- XML-DA
- MQTT
- Modbus
- Structured Text
- Unstructured Data
- Web API and Advanced End Points—custom Web APIs for scalable web integrations; ex: ERP or LIMS systems
- Emerson Connectors including:
  - AMS Device Manager
  - AMS Machine Works
  - AMS Machinery Manager
  - AMS Optics Analytics
  - Plantweb Insight
  - DeltaV Control Loop

Refer to individual Emerson Connector data sheets for more details.

### Egress

- OPC
- Web API (REST)
- Advanced End Points—custom Web APIs for scalable web integrations; ex: PowerBI, Qlik, Grafana, etc.
- Kafka Producer
- MQTT Publisher

### Application Integration

- SAP
- IBM Maximo
- AMS Optics Mobile App
- AMS Optics Augmented Reality

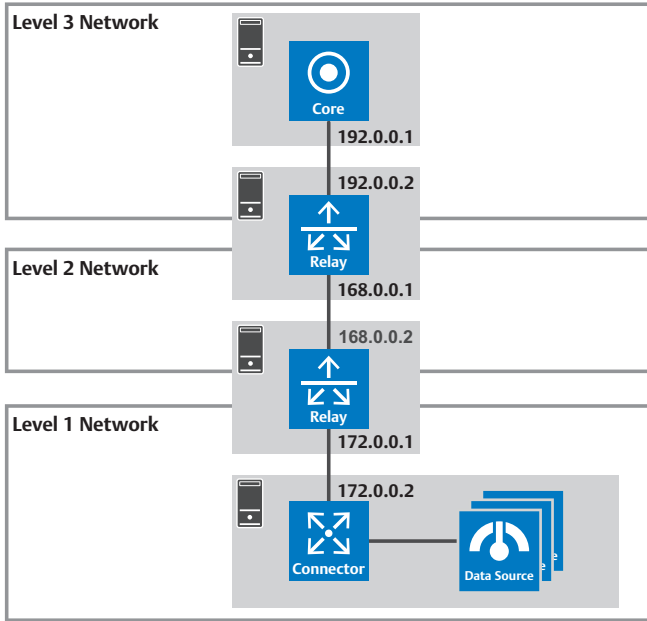
Tested with 125+ OT Systems from  
Third-Party Vendors Including:

- |                 |                      |
|-----------------|----------------------|
| ▪ ABB           | ▪ Microsoft          |
| ▪ AspenTech     | ▪ OSISoft            |
| ▪ Bently Nevada | ▪ Rockwell           |
| ▪ GE Fanuc      | ▪ Schneider Electric |
| ▪ HIMA          | ▪ Siemens            |
| ▪ Honeywell     | ▪ Softing            |

Refer to the AMS Optics System Connectivity List for additional details.

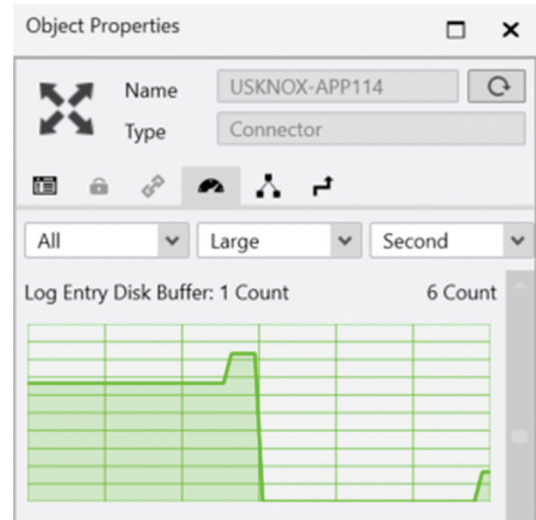
## Bridge Through Physical Networks

Relay Service allows components of AMS Optics to be located in different physical networks.



## Built-In Diagnostics

Rich set of performance, state and availability indicators that eliminates the need to login to multiple systems to troubleshoot connectivity issues. Historize diagnostics in AMS Optics.



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