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.

Interfaces Supported

**Ingress**
- Classic OPC (DA/HDA/A&E)
- OPC UA
- OleDB
- Structured text
- XML-DA
- MQTT
- Unstructured data
- webAPI and Advanced End Points – custom webAPIs for scalable web integrations; ex: ERP or LIMS systems

**Emerson Sources including:**
- AMS Device Manager
- AMS Machine Works
- AMS Machinery Manager
- Plantweb Optics Analytics

**Egress**
- OPC UA
- webAPI (REST)
- Advanced End Points – custom webAPIs for scalable web integrations; ex: PowerBI, Qlik, Grafana, etc.
- Kafka Producer
- MQTT Publisher

**Application Integration**
- SAP
- IBM Maximo
- Plantweb Optics Mobile App
- Plantweb Optics Augmented Reality

Easily Transfer Historical Data

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

Tested with 125+ OT systems from third-party vendors including:
- ABB
- AspenTech
- Bently Nevada
- GE Fanuc
- HIMA
- Honeywell
- Microsoft
- OSIsoft
- Rockwell
- Schneider Electric
- Siemens
- Softing

Refer to the Plantweb Optics Data Lake System Connectivity List for additional details.
Bridge Through Physical Networks

Relay Service allows components of Plantweb Optics Data Lake 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 Plantweb Optics Data Lake.

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