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
- 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
  - Plantweb 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
- 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 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 System Connectivity List for additional details.
**Bridge Through Physical Networks**
Relay Service allows components of Plantweb Optics to be located in different physical networks.

<table>
<thead>
<tr>
<th>Level 3 Network</th>
<th>Level 2 Network</th>
<th>Level 1 Network</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="192.0.0.1" alt="Core" /></td>
<td><img src="168.0.0.1" alt="Relay" /></td>
<td><img src="172.0.0.1" alt="Relay" /></td>
</tr>
<tr>
<td><img src="192.0.0.2" alt="Relay" /></td>
<td><img src="168.0.0.2" alt="Relay" /></td>
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<tr>
<td><img src="192.0.0.1" alt="Connector" /></td>
<td><img src="168.0.0.1" alt="Data Source" /></td>
<td><img src="172.0.0.1" alt="Data Source" /></td>
</tr>
</tbody>
</table>

**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.

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