OPC Tunnel Functionality Supporting Simple and Secure OPC Classic Communication

- Inter-Network OPC Classic Communication without DCOM
- Secure Communication with Minimal Configuration Requirements
- Improved Communication Behavior when Connection is Interrupted

No Need for DCOM Configuration

- Easy industrial communication by avoiding DCOM and its complex security settings on the OPC Server and OPC Client side
- Time-saving configuration of OPC Classic communication across networks

Compliance with Computer and Network Security Policies

- Secure communication across firewalls
- Minimum requirements on configuration of PCs used in network
- Compliance with corporate security policies for firewalls

Data Buffering on Detection of Broken Connection

- Protection against data loss by automatic local data buffering on detection of broken connection to OPC Client
- Second-by-second monitoring of OPC Classic communication
- Automatic re-establishment of OPC connection and transmission of locally buffered OPC data
- Improved OPC communication behavior
## Technical Data

<table>
<thead>
<tr>
<th>Supported dataFEED OPC Suite Features</th>
<th>OPC Tunnel, Filter, Optimizer, Concentrator, Bridge</th>
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</thead>
<tbody>
<tr>
<td>Supported OPC Specifications</td>
<td>OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Alarms &amp; Events V1.10, optional: OPC Unified Architecture V1.02</td>
</tr>
<tr>
<td>OPC Roles</td>
<td>OPC Client (on OPC Server side), OPC Server (on OPC Client side)</td>
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<tr>
<td>Supported OPC Data Types</td>
<td>VARIANT Data Types I1, UI1, I2, UI2, I4, UI4, R4, DATE, BSTR, BOOL and arrays (VT_Array) of these data types</td>
</tr>
<tr>
<td>Operation Mode</td>
<td>Application (OutProc Server), Windows Service</td>
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<tr>
<td>Logging, Diagnostics</td>
<td>Logging of OPC Calls and Notifications, OPC Data, OPC Tunnel frames, text file access (optional), database access (optional), configurable via integrated web server diagnostic interface</td>
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<tr>
<td>Licensing</td>
<td>Runtime license per computer</td>
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<tr>
<td>Demo Version</td>
<td>Full dataFEED OPC Suite, time limited to 72 hours</td>
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</table>

## Scope of Delivery

**Software**
dataFEED OPC Tunnel

**Documentation**
Manual in PDF format and Online Help in English and German

## Order Numbers

- **LRL-DY-134001**
dataFEED OPC Tunnel component of dataFEED OPC Suite, Version 4.01 and higher, for access of any number of OPC Tunnel Clients and to 1 OPC Tunnel Server, includes dataFEED OPC Organizer Classic functionality
- **LRL-DY-134401**
dataFEED OPC Server Extension License 50 for dataFEED OPC Suite, Version V4.01 and higher, for simultaneous access to a total of up to 50 OPC UA Servers, OPC Servers and dataFEED OPC Tunnel Servers
- **LRL-DY-134601**
dataFEED OPC Server Extension License 100 for dataFEED OPC Suite, Version V4.01 and higher, increases the total number of simultaneous accesses to OPC UA Servers, OPC Servers and dataFEED Tunnel Servers from 50 to 100, requires dataFEED OPC Server Extension License 50
- **HUA-DD-130001**
USB Hardware Key for dataFEED OPC Suite, Version V4.01 and higher, replacing the standard Software Key

## Additional Products and Services

- **LRL-DY-134501**
dataFEED OPC Suite, Version 4.01 and higher
- **LRL-DY-134201**
dataFEED OPC Organizer UA component of dataFEED OPC Suite, Version 4.01 and higher
- **LRL-DY-132101**
dataFEED OPC Server Siemens component of dataFEED OPC Suite, Version 4.01 and higher
- **LRL-DY-132301**
dataFEED OPC Server Rockwell component of dataFEED OPC Suite, Version 4.01 and higher
- **LRL-DY-132401**
dataFEED OPC Server Modbus component of dataFEED OPC Suite, Version 4.01 and higher
- **LRL-DY-132601**
dataFEED OPC Server Mitsubishi component of dataFEED OPC Suite, Version 4.01 and higher
- **LRL-DY-132901**
dataFEED OPC Server B&R component of dataFEED OPC Suite, Version 4.01 and higher
- **LRL-DY-134301**
dataFEED OPC Data Handler component of dataFEED OPC Suite, Version 4.01 and higher
- **100-1030-01**
Training "Industrial Communication for Industrie 4.0 - OPC UA, MQTT, REST"

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