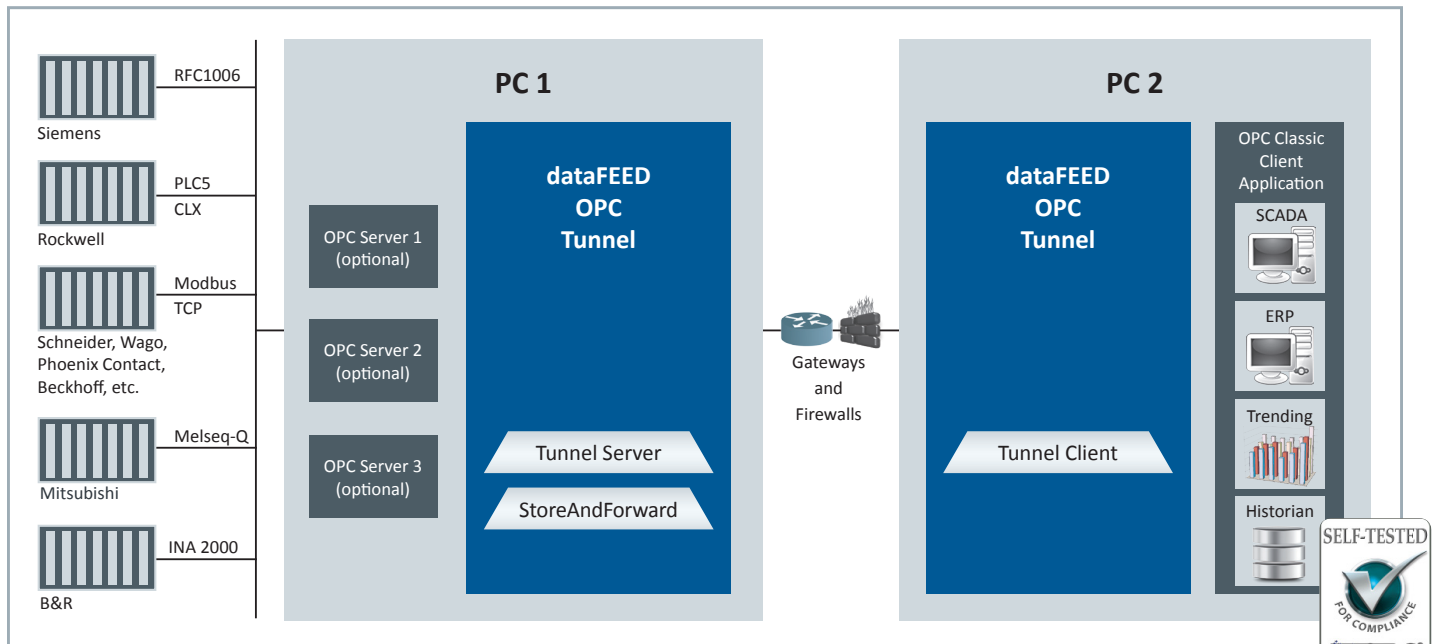


# dataFEED OPC Tunnel

## OPC Tunnel Functionality Supporting Simple and Secure OPC Classic Communication

dataFEED OPC Tunnel is a component of the dataFEED OPC Suite and eliminates DCOM configuration problems that can arise in OPC Classic communication between different computer platforms. At the same time, it ensures a robust and reliable high-performance data exchange also across network boundaries.



### 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

Supported dataFEED OPC Suite Features	OPC Tunnel, Filter, Optimizer, Concentrator, Bridge
Supported OPC Specifications	OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Classic XML-DA V1.01, OPC Alarms & Events V1.10, optional: OPC Unified Architecture V1.02
OPC Roles	OPC Client (on OPC Server side), OPC Server (on OPC Client side)
Supported OPC Data Types	VARIANT Data Types I1, UI1, I2, UI2, I4, UI4, R4, DATE, BSTR, BOOL and arrays (VT_Array) of these data types
OPC Certification	Test using OPC Foundation's Compliance Test Tool
Operation Mode	Application (OutProc Server), Windows Service
Logging, Diagnostics	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
Supported Operating Systems	Windows XP, Windows 7, Windows 8, Windows 8.1, Windows Embedded 8.1 Industry, Windows 10, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2
Licensing	Runtime license per computer
Demo Version	Full dataFEED OPC Suite, time limited to 72 hours

## Scope of Delivery

dataFEED OPC Tunnel	Software on CD-ROM
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-134701	dataFEED MQTT Connector component of dataFEED OPC Suite, Version 4.20 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 "OPC Server and Client in Practice"



**Softing Industrial Automation GmbH**  
Richard-Reitzner-Allee 6  
85540 Haar / Germany  
Tel.: +49 89 456 56-340  
Fax: +49 89 456 56-488  
info.automation@softing.com  
http://industrial.softing.com

**Softing Inc.**  
US Headquarter  
7209 Chapman Highway  
Knoxville, TN 37920 / USA  
Tel.: +1 865 251 52 52  
Fax: +1 865 579 47 40  
info@softing.us  
http://www.softing.us

**Softing Industrial Automation GmbH**  
Äußere Sulzbacher Straße 159-161  
90491 Nürnberg / Germany  
Tel.: +49 911 544 27-0  
Fax: +49 911 544 27-27  
info.automation@softing.com  
http://industrial.softing.com

**Softing Inc.**  
US Sales Office  
29 Water Street, Suite 301  
Newburyport, MA 01950 / USA  
Tel.: +1 978 499 96 50  
Fax: +1 978 499 96 54  
info@softing.us  
http://www.softing.us

**Buxbaum Automation GmbH**  
Thomas-Alva-Edison-Straße 1  
7000 Eisenstadt / Austria  
Tel.: +43 2682 704 560  
Fax: +43 2682 205 77 00-5610  
office@myautomation.at  
http://myautomation.at

**Softing Italia Srl**  
Via Padre Massimiliano Kolbe, 6  
20090 Cesano Boscone (MI) / Italy  
Tel.: +39 02 450 51 71  
Fax: +39 02 450 41 41  
info@softingitalia.it  
http://softingitalia.it

Your local Softing Contact

