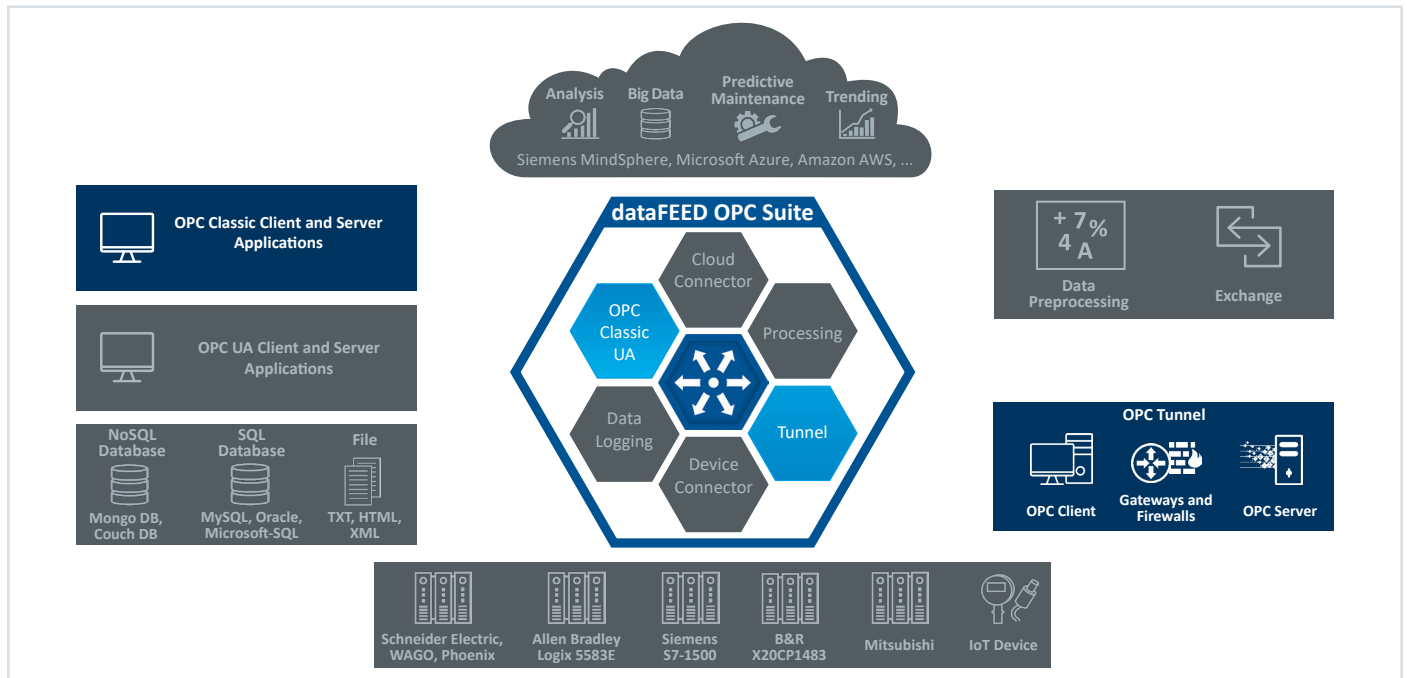


dataFEED OPC Tunnel

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

dataFEED OPC Tunnel

Technical Data

| | |
|---------------------------------------|--|
| Supported dataFEED OPC Suite Features | OPC Tunnel (Server and Client), OPC ABB Tunnel Server, Filter, Optimizer, Concentrator, Bridge |
| Supported OPC Specifications | OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Alarms & Events V1.10, Optional: OPC Unified Architecture V1.04 |
| 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 Roles | OPC Client (on OPC Server side), OPC Server (on OPC Client side) |
| Supported Tunnel Functionality | Softing OPC Classic Tunnel (Server and Client) ABB OPC Tunnel Server |
| Operation Mode | Application (OutProc Server), Windows Service |
| Logging, Diagnostics | Detailed system logging, recording of connection information, OPC calls and notifications, OPC data, OPC UA Tunnel und OPC Tunnel telegrams, database access, ... |
| Free Testing Tools | OPC Classic Demo Server, OPC Classic Demo Client, OPC UA .NET Demo Server, dataFEED OPC UA Client |
| Supported Operating Systems | Windows 7, Windows 8, Windows 8.1, Windows Embedded 8.1 Industry, Windows 10, Windows 10 IoT Enterprise, Windows 11, Windows 11 IoT, Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022 |
| Licensing | Runtime license per computer |
| Demo Version | Full dataFEED OPC Suite Extended functionality, time limited to 72 hours |

Scope of Delivery

| | |
|---------------|---|
| Software | dataFEED OPC Suite, download via Softing website |
| License key | By e-mail or on USB dongle |
| Documentation | Manual in PDF format, online help in English and German |

Order Numbers

| | |
|---------------|--|
| LRL-DY-134001 | dataFEED OPC Tunnel licence for dataFEED OPC Suite, Version 5.x or previous versions, for access from 100 Softing OPC Tunnel Clients, 100 ABB OPC Tunnel Clients and to 1 Softing OPC Tunnel Server, includes dataFEED OPC Organizer Classic functionality |
| LRL-DY-134401 | dataFEED OPC Server Extension license 50 for dataFEED OPC Suite, Version V5.x or previous versions, 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 number of simultaneous accesses to OPC UA Server, OPC Server and dataFEED Tunnel Server 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 subsequent, replacing standard Software Key |

Additional Products and Services

| | |
|---------------|---|
| LRL-DY-135001 | dataFEED OPC Suite Extended licence |
| LRL-DY-134201 | dataFEED OPC Organizer UA licence |
| LRL-DY-132101 | dataFEED OPC Server Siemens licence |
| LRL-DY-132301 | dataFEED OPC Server Rockwell licence |
| LRL-DY-132401 | dataFEED OPC Server Modbus licence |
| LRL-DY-132601 | dataFEED OPC Server Mitsubishi licence |
| LRL-DY-132901 | dataFEED OPC Server B&R licence |
| LRL-DY-134301 | dataFEED OPC Data Handler licence |
| TSA-DY-140001 | Training "Industrial Communication for Industrie 4.0" |

Your local Softing contact:

<https://industrial.softing.com>

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