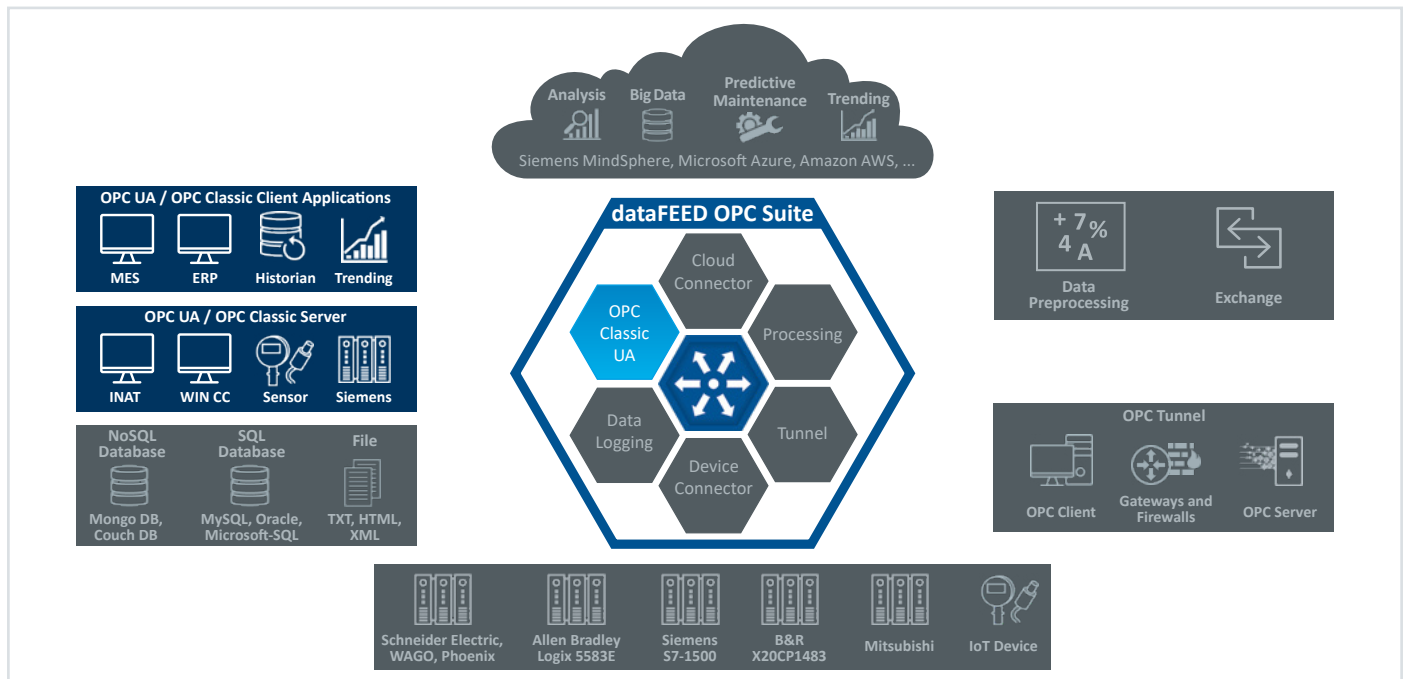


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OPC UA Support Enabling “Industrie 4.0”

- Gateway Functionality Between Clients and Servers of Different OPC Standards
- Cost Savings Through Continued Use of Already Existing OPC Classic Components
- Individual Use of All Security Mechanisms of the OPC UA Standard



OPC Communication Across Specification Boundaries

- Cost savings through integration of non-OPC UA-ready components
- Gateway functionality for connecting controllers and components with integrated OPC UA Server to OPC Classic applications
- Bridge functionality for use of OPC components of different OPC specifications and OPC specification versions
- Access from OPC UA Clients to OPC Classic Servers
- Easy integration of legacy and new controllers into solutions supporting “Industrie 4.0”*
- Cost savings through continued use of existing OPC Classic components

Support of OPC UA Security Mechanisms

- High data security provided to shop floor applications
- Possibility to use all individual security mechanisms defined by the OPC UA standard, e.g. exchange of certificates
- Authentication by user names and passwords including user certificate
- Data encryption using various encryption algorithms

Easy Access to Multiple OPC Servers

- Concentrator functionality for reduction and unification of data items from multiple OPC UA and OPC Classic Servers
- Time savings through effective and efficient configuration of distributed automation systems comprising a large number of OPC UA and OPC Classic Servers
- Support of common OPC Namespace for access by OPC UA Clients

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Technical Data

Supported dataFEED OPC Suite Features	OPC UA Server and Client, OPC Classic Server and Client, Filter, Optimizer, Concentrator, Bridge
Supported OPC Specifications	OPC Unified Architecture V1.04, OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Alarms & Events V1.10
OPC UA Security	<ul style="list-style-type: none">Data Access profileTCP transport protocol using OPC UA binary codingSecurity methods: AES256_SHA256, AES128_SHA256, Basic256Sha256, Basic 256, NoneAuthentication by user names and passwords including user certificate
Supported OPC Data Types	VARIANT Data Types I1, UI1, I2, UI2, I4, UI4, R4, CY, DATE, BSTR, BOOL and arrays (VT_Array) of these data types
Operation Mode	Application (OutProc Server), Windows Service
Logging, Diagnostics	Detailed system logging, recording of connection information, OPC calls and notifications, OPC data, 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 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-134201	dataFEED OPC Organizer UA licence for dataFEED OPC Suite, Version V5.x or previous versions, suitable for access by any number of OPC UA Clients and for access to 1 OPC UA 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
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-134001	dataFEED OPC Tunnel 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 "Industry 4.0 Communication in Practice"

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