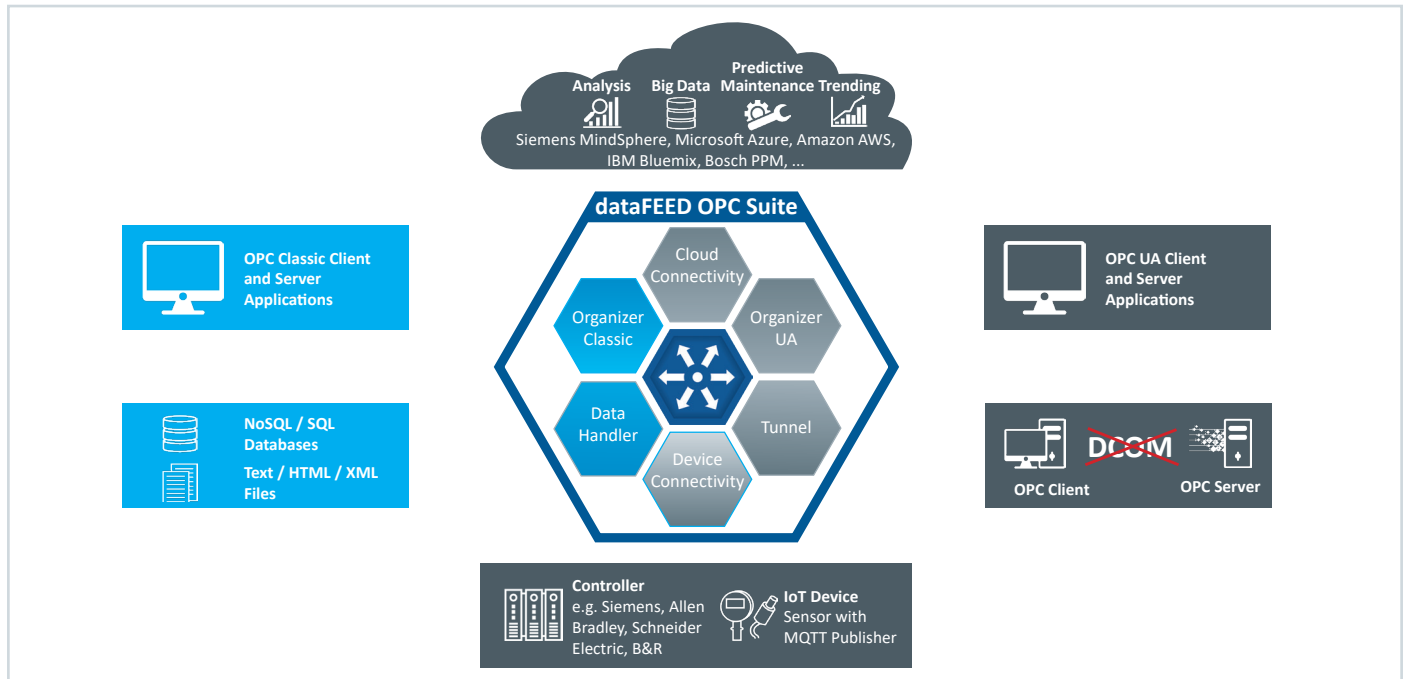


dataFEED OPC Data Handler

Large Choice of Functionalities for Extended Industrial Data Communication

- Storage of Process Data in NoSQL Big Data Storage Solutions, e.g. MongoDB
- Data Logging in File Supporting Various File Formats
- Recipe Manager Functionality for Writing Back Process Data from SQL Database to Controller



Comprehensive Processing System

- Wizards for fast and easy setup of database connections
- Storage of production data in NoSQL Big Data Storage solutions, e.g. MongoDB and CouchDB
- Buffering of data in case of database connection aborts
- Features for performing required proof and analysis tasks
- Suitability for use in process optimization

Data Exchange With No Additional Components Required

- Easy-to-use application for data exchange between controllers
- Connection of different automation worlds (e.g. between Siemens and Rockwell)
- Access through proprietary protocols
- Cost savings by eliminating need for expensive gateways and complex OPC Clients
- Unification of different communication structures into one OPC Namespace

Flexible Logging in Data Files

- Support of different file formats
- Proof of process data
- Processing and analysis of stored data using standard software
- Verification and documentation of implemented functionality

dataFEED OPC Data Handler

Technical Data

Supported dataFEED OPC Suite Features	Database Access, File Access, Data Exchange (between OPC Servers or between PLCs), Filter, Optimizer, Concentrator, Bridge, local Items (between OPC Clients), optional: OPC UA support
Supported OPC Specifications	OPC Classic Data Access V1.0a, V2.05, V3.0, optional: OPC Unified Architecture V1.02
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
Maximum Number of Items	10,000
Operation Mode	Application (OutProc Server), Windows Service
Logging, Diagnostics	Logging of OPC Calls and Notifications, OPC Data, OPC Tunnel frames, text file access, database access, configurable via integrated web server diagnostic interface
Supported Databases	NoSQL databases, e.g. MongoDB, CouchDB ODBC enabled databases, e.g. Oracle, MySQL, Microsoft SQL Server, IBM DB2 other NoSQL- and ODBC-enabled databases upon inquiry
Supported Database Functionality (NoSQL Databases)	Write access TCP, HTTP, HTTPS Methods: PUT, POST Security SSL and user authentication
Supported Database Functionality (SQL Databases)	Read and write access (Select, Insert) Tables, views, functions, Stored Procedures, SQL instructions extensive Trigger options
Supported Text File Formats	ASCII, HTML, XML
Licensing	Runtime license per computer
Supported Operating Systems	Windows 7, Windows 8, Windows 8.1, Windows Embedded 8.1 Industry, Windows 10, Windows 10 IoT Enterprise, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Demo Version	Full dataFEED OPC Suite, time limited to 72 hours

Scope of Delivery

Software	dataFEED OPC Data Handler
Documentation	Manual, online help in English and German

Order Numbers

LRL-DY-134301	dataFEED OPC Data Handler component of dataFEED OPC Suite, Version 4.01 and higher, for extended OPC for data exchange, database access and file access, includes dataFEED OPC Organizer Classic functionality
LRL-DY-134201	dataFEED OPC Organizer UA component of dataFEED OPC Suite, Version 4.01 and higher, 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 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-134001	dataFEED OPC Tunnel 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
GAA-DX-145111	uaGate SI
100-1030-01	Training "Industrial Communication for Industrie 4.0 - OPC UA, MQTT, REST"

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