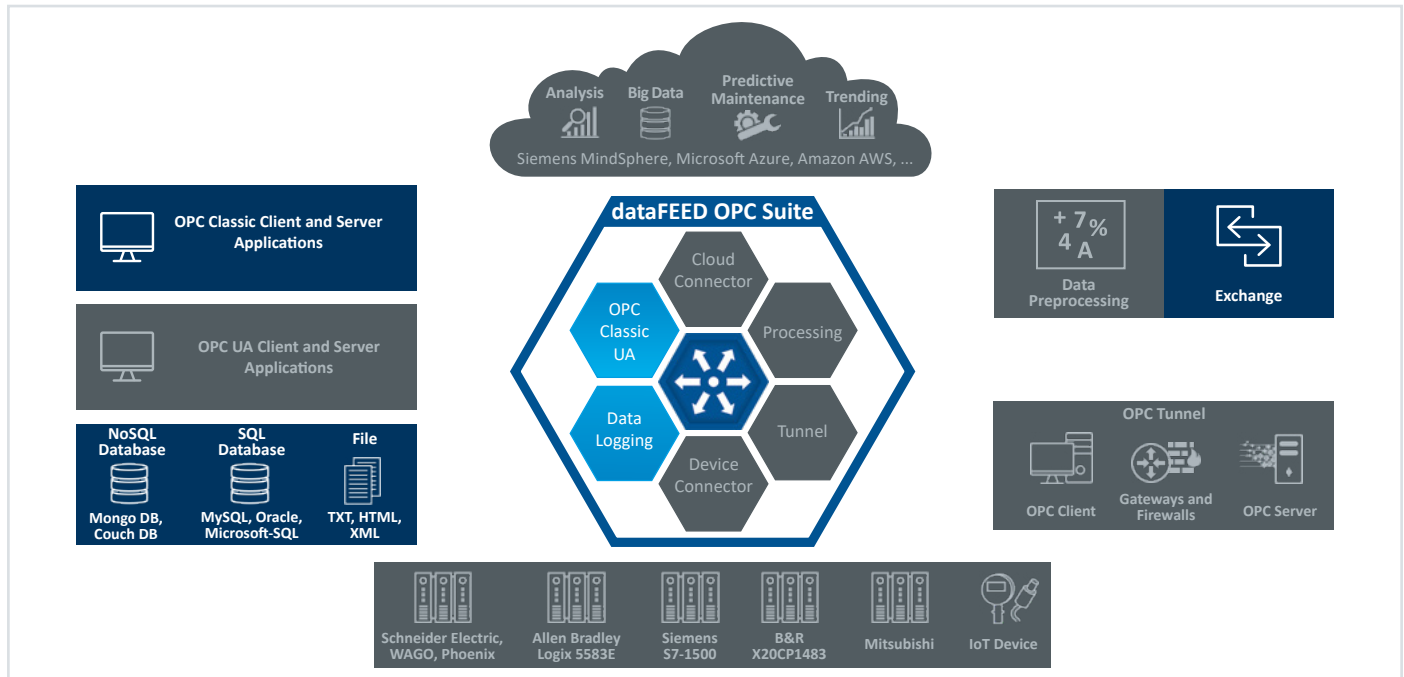


# dataFEED OPC Data Handler

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

## 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

## 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

# dataFEED OPC Data Handler

## Technical Data

Supported dataFEED OPC Suite Features	Database access, file access, data exchange (between OPC servers or between controllers), 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, 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
Maximum Number of Items	10,000
Supported Databases	<ul style="list-style-type: none"><li>NoSQL databases, e.g. MongoDB, CouchDB</li><li>ODBC-enabled databases, e.g. Oracle, MySQL, Microsoft SQL Server, IBM DB2</li><li>Other NoSQL- and ODBC-enabled databases upon inquiry</li></ul>
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
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-134301	<b>dataFEED OPC Data Handler</b> licence for dataFEED OPC Suite, Version V5.x or previous versions, for OPC extension for data exchange, database access and file access; includes dataFEED OPC Organizer Classic functionality
LRL-DY-134201	<b>dataFEED OPC Organizer UA</b> licence for dataFEED OPC Suite, Version V5.x or previous versions, for access from any number of OPC UA Clients and for access to 1 OPC UA Server, includes dataFEED OPC Organizer Classic functionality
LRL-DY-134401	<b>dataFEED OPC Server Extension License 50</b> 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	<b>USB Hardware Key</b> 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
TSA-DY-140001	Training "Industry 4.0 Communication in Practice"

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