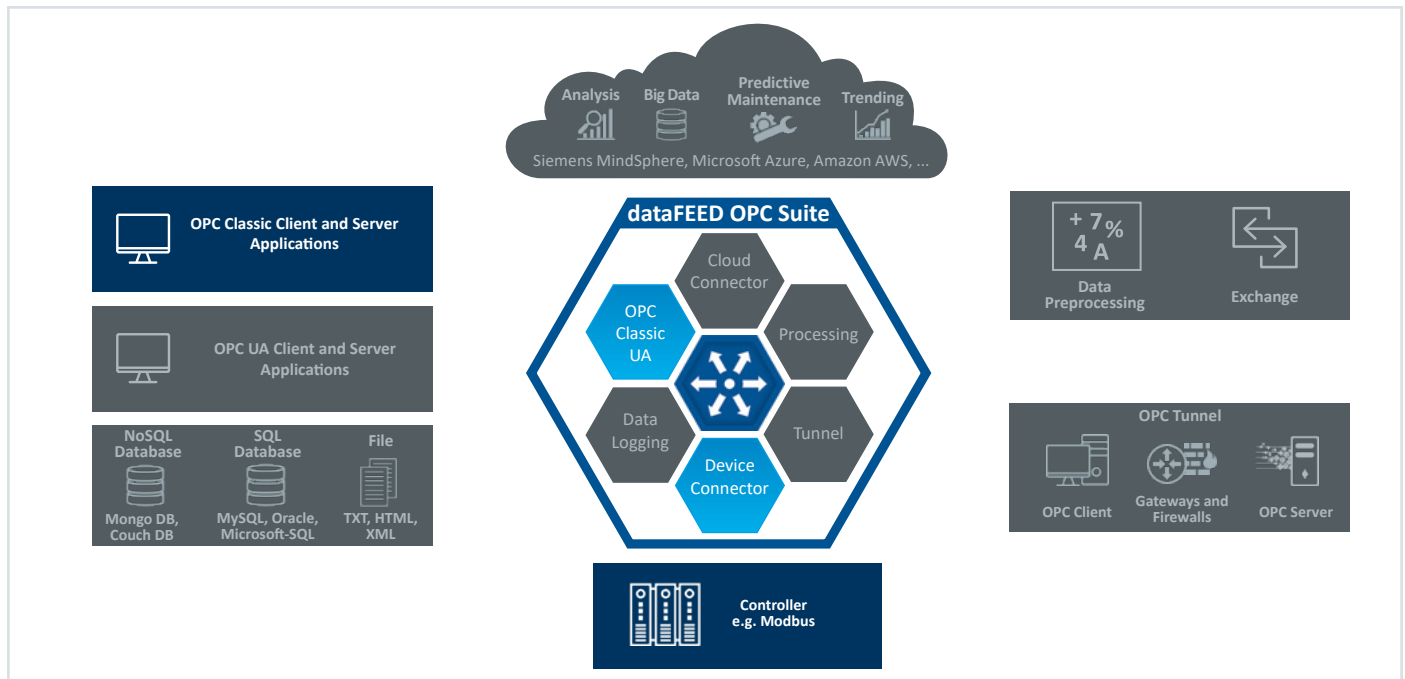


# dataFEED OPC Server Modbus

Easy Data Access with High Performance for Modbus-compatible Controllers

- Access to Process and Diagnostic Data from Modbus Controllers
- Symbol Import from Wago (Codesys) Projects
- Easy Integration into Industry 4.0, IoT Cloud and Big Data Solutions (optional)



## Easy Access to Modbus Controllers

- Read and write access to data in Modbus controllers, e.g. Wago, Phoenix Contact, Schneider Electric, Beckhoff
- Quick and easy integration into OPC Client applications, such as SCADA or ERP systems
- No changes to control program required

## Graphical User Interface with Configuration Wizards

- Easy-to-use graphical configuration interface
- Intelligent wizards for configuration setup in just 3 clicks
- Configuration of OPC Namespace e.g. by importing symbolic names from CoDeSys (Wago) project
- CSV import of existing configurations from software applications like SCADA or process control systems

## Support of OPC UA (Unified Architecture)

- Optional expansion through dataFEED OPC Organizer UA
- Integration of non-OPC UA-ready Modbus components into OPC UA applications
- Easy integration of legacy and new controllers into Industry 4.0 solutions
- Cost savings through continued use of OPC Classic components
- Support of all security mechanisms defined by OPC UA standard

## Gateway to IoT Clouds

- Optional expansion through MQTT and REST Connector
- Integration of automation devices in IoT cloud applications using MQTT Publisher/Subscriber functionality, e.g. in Microsoft Azure Cloud
- State-of-the-art security by SSL/TLS support, including certificates

# dataFEED OPC Server Modbus

## Technical Data

Supported dataFEED OPC Suite Features	OPC Server, Filter, Optimizer, Concentrator, Bridge, Filter, optional: OPC UA, MQTT and REST support
Supported Controllers	Modbus TCP-compatible controllers (Wago, Beckhoff, Phoenix Contact, Schneider Electric, etc.)
Accessible Controller Data	Inputs, outputs, data blocks, markers, timers, counters
Supported Modbus Data Types	BIT, BYTE, WORD, DWORD, REAL, STRING, DATE, TIME, and arrays of these data types
Supported OPC Specifications	OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Alarms & Events V1.10, OPC Unified Architecture V1.04 (optional)
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
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-132401	<b>dataFEED OPC Server Modbus</b> licence for dataFEED OPC Suite, Version V5.x or previous versions, for communication with Modbus-compatible PLCs, 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
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-132601	dataFEED OPC Server Mitsubishi licence
LRL-DY-132901	dataFEED OPC Server B&R licence
LRL-DY-134301	dataFEED OPC Data Handler
LRL-DY-134401	dataFEED OPC Server Extension license 50
TSA-DY-140001	Training "Industry 4.0 Communication in Practice"

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