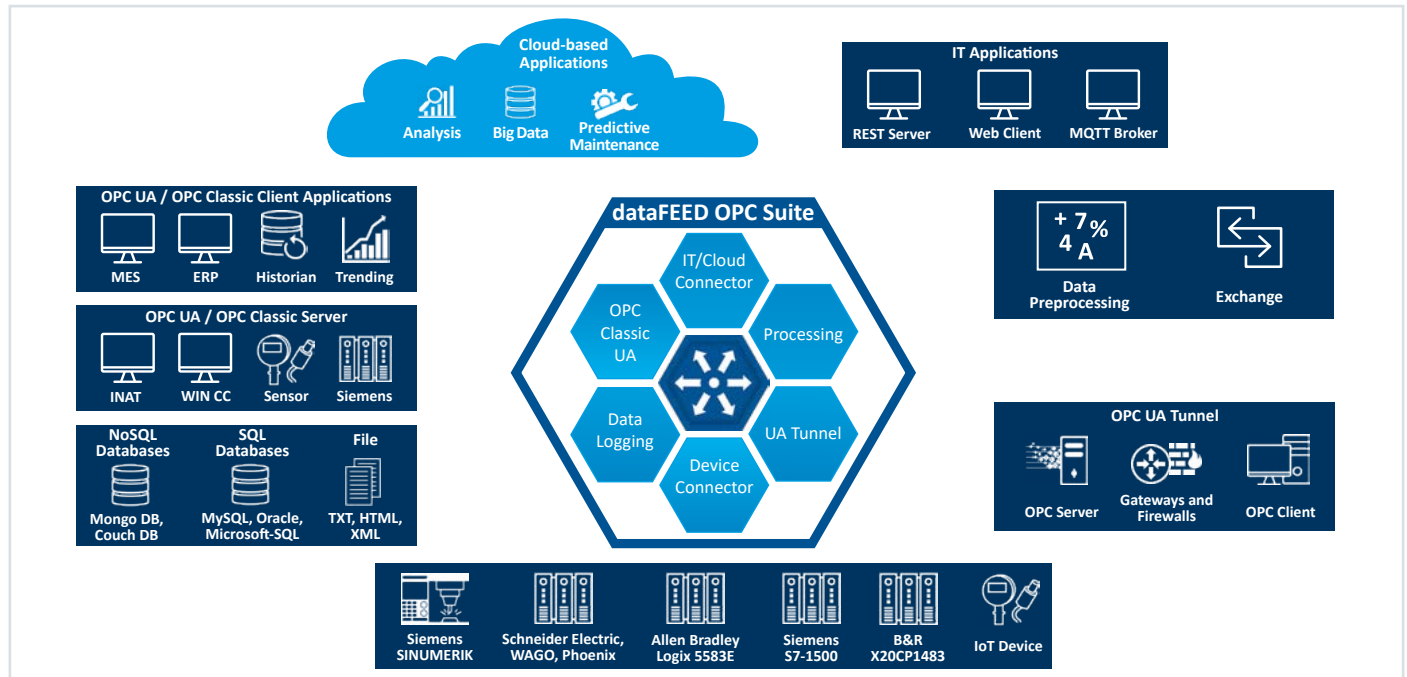


# dataFEED OPC Server Modbus

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 UA Tunnel and 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-135001	<b>dataFEED OPC Suite Extended</b> License, Version V5.x, including: <ul style="list-style-type: none"><li>all supported PLC and CNC protocols</li><li>protocols for IT Applications and IoT cloud access</li><li>support of OPC UA including Store And Forward Server Mode</li><li>simultaneous access to 50 OPC UA tunnel clients and 50 OPC UA tunnel servers and to a total of up to 100 OPC UA Servers, OPC Servers and OPC Tunnel Servers</li><li>as well as further functionalities such as data preprocessing, data logging and recipe management, Data Exchange and Concentrator</li><li>including all future extensions within the main version V5.x</li></ul>
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

TSA-DY-140001	Training "Industrial Communication for Industrie 4.0"
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