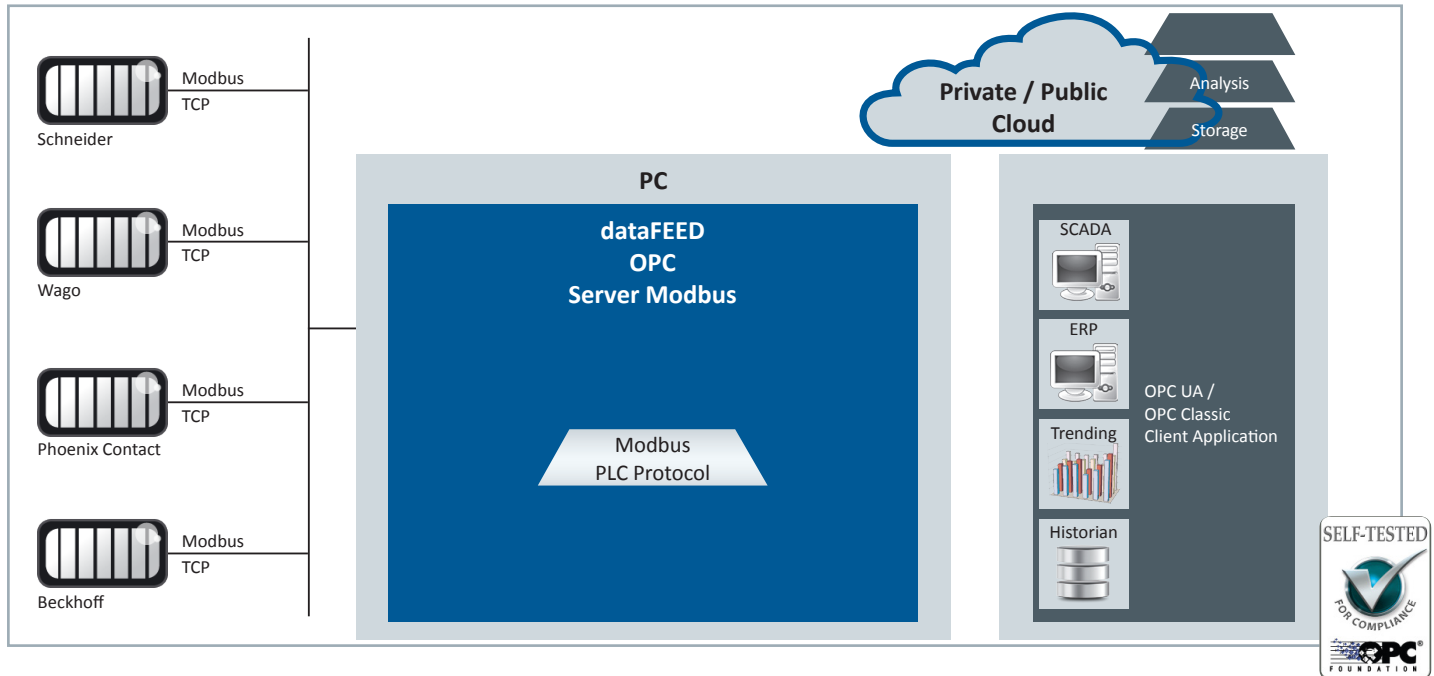


dataFEED OPC Server Modbus

Easy Data Access Combined With High Performance for Modbus-compatible Controllers

dataFEED OPC Server Modbus is a component of the dataFEED OPC Suite and combines the functionality for quick and convenient access to process and diagnostic data within Modbus-compatible controllers.



Easy Access to Modbus Controllers

- Read and write access to data in Modbus controllers
- 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 components into OPC UA applications
- Easy integration of legacy and new controllers into “Industrie 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 dataFEED MQTT Connector
- Integration of automation devices in IoT cloud applications using MQTT Publisher functionality, e.g. in IBM Bluemix Cloud
- State-of-the-art security by SSL/TLS support, including certificates

* “Industrie 4.0” is a German government-driven initiative for implementing an industrial “Internet of Things”

Technical Data

Supported dataFEED OPC Suite Features	OPC Server, Filter, Optimizer, Concentrator, Bridge, optional OPC UA support, optional MQTT support
Supported Controllers	Modbus TCP-compatible controllers (Wago, Beckhoff, Phoenix, Schneider, 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 Classic XML-DA V1.01, OPC Unified Architecture V1.02 (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
OPC Certification	Test using OPC Foundation's Compliance Test Tool
Operation Mode	Application (OutProc Server), Windows Service
Logging, Diagnostics	Logging of OPC Calls and Notifications, OPC Data, OPC Tunnel frames, text file access (optional), database access (optional), configurable via integrated web server diagnostic interface
Supported Operating Systems	Windows XP, Windows 7, Windows 8, Windows 8.1, Windows Embedded 8.1 Industry, Windows 10, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2
Licensing	Runtime license per computer
Demo Version	Full dataFEED OPC Suite, time limited to 72 hours

Scope of Delivery

dataFEED OPC Server Modbus	Software on CD-ROM
Documentation	Manual in PDF format and Online Help in English and German

Order Numbers

LRL-DY-132401	dataFEED OPC Server Modbus component of dataFEED OPC Suite, Version 4.01 and higher, for communication with Modbus-compatible PLCs, 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-134701	dataFEED MQTT Connector component of dataFEED OPC Suite, Version 4.20 and higher, to support MQTT Publisher functionality for communication with an MQTT broker, includes dataFEED OPC Organizer Classic functionality
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-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
LRL-DY-134301	dataFEED OPC Data Handler component of dataFEED OPC Suite, Version 4.01 and higher
LRL-DY-134401	dataFEED OPC Server Extension License 50 for dataFEED OPC Suite, Version V4.01 and higher
LRL-DY-134601	dataFEED OPC Server Extension License 100 for dataFEED OPC Suite, Version V4.01 and higher
100-1030-01	Training "OPC Server and Client in Practice"



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