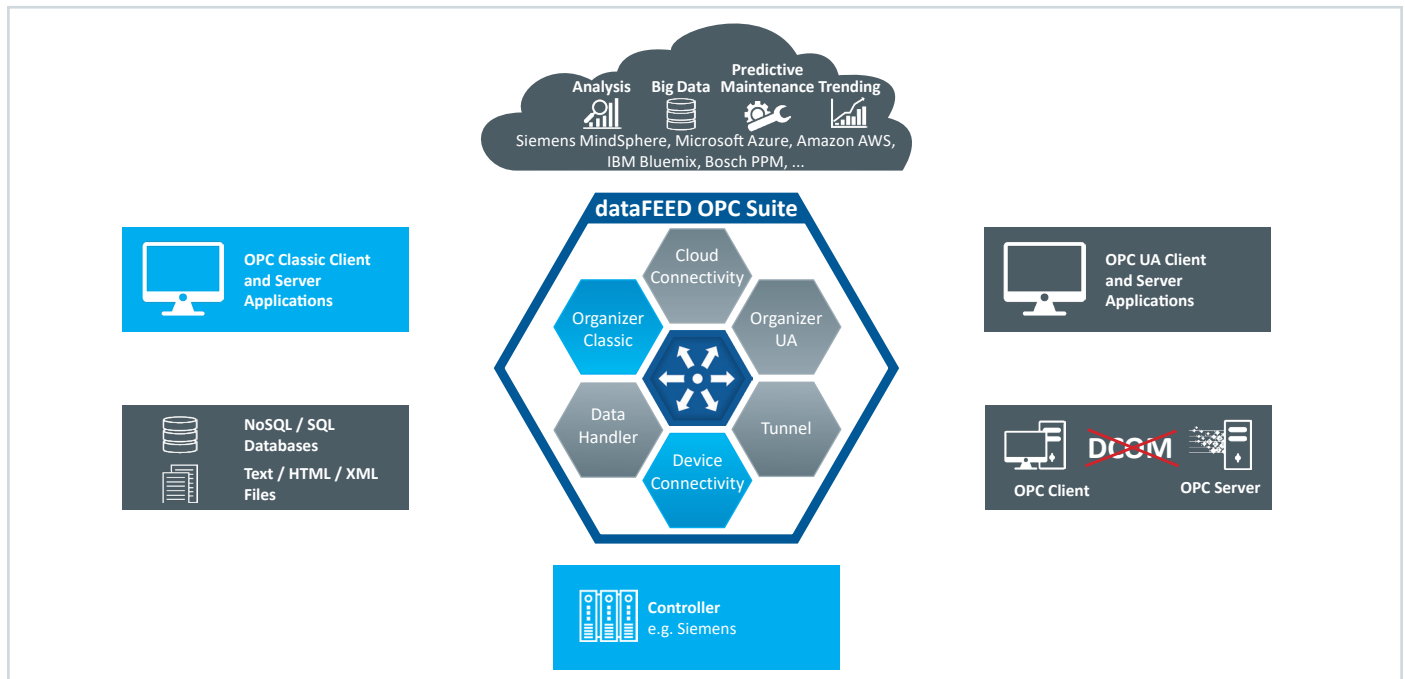


# dataFEED OPC Server Siemens

Easy Data Access Combined With High Performance for Siemens Controllers

- Quick and Convenient Access to Data within Siemens PLCs Including Optimized Data Blocks
- Graphical User Interface With Online Namespace Browsing
- Optional Integration in “Industrie 4.0”\*, MindSphere Cloud and Big Data Applications



## Convenient Data Integration

- Read and write access to process and diagnostic data of Siemens and Siemens-compatible PLCs
- Support of optimized data blocks in Siemens S7-1200 and S7-1500 controllers
- Quick and easy integration in OPC Client applications
- No changes to control program required

## Easy and Fast OPC Server Configuration

- Namespace configuration by browsing of Siemens S7-1200 and S7-1500 namespace
- Easy-to-use graphical configuration interface
- Intelligent wizard for configuration in just 3 steps
- Import of symbolic names from Siemens TIA Portal and STEP 7 projects

## Chance for Integration in Overall Applications

- Optional integration of non-OPC UA-ready components like Siemens S5 controllers in OPC UA applications and “Industrie 4.0” solutions
- Optional integration of process data in IoT Cloud applications, e.g. Siemens MindSphere
- Optional evaluation and storage of process data in NoSQL Big Data solutions

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

# dataFEED OPC Server Siemens

## Technical Data

Supported dataFEED OPC Suite Features	OPC Server, Filter, Optimizer, Concentrator, Bridge, optional OPC UA, MQTT, REST support
Supported Controllers	Siemens SIMATIC S7 (S7-200, S7-300, S7-400), Siemens SIMATIC S7-1200, S7-1500 (including optimized blocks), Logo 8, PAC Counter and Siemens-compatible controllers (e.g. VIPA)
Accessible Controller Data	Inputs, outputs, data blocks, markers, timers, counters
Supported Siemens S7 Data Types	BOOL, BIT, BYTE, CHAR, WORD, INT, BCD, DATE, DWORD, DINT, REAL, TIME, TIME_OF_DAY, DATE_AND_TIME and arrays of these data types, STRING, S7STRING
Supported Siemens S5 Data Types	BOOL, BYTE, LEFT BYTE, RIGHT BYTE, CHAR, WORD, S5TIME, DATE, DWORD, TIME, TIME_OF_DAY, DATE_AND_TIME and arrays of these data types, STRING
Supported OPC Specifications	OPC Classic Data Access V1.0a, V2.05, V3.0, 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
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 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
Licensing	Runtime license per computer
Demo Version	Full dataFEED OPC Suite, time limited to 72 hours

## Scope of Delivery

Software	dataFEED OPC Server Siemens
Documentation	Manual on CD-ROM, online help in English and German

## Order Numbers

LRL-DY-132101	dataFEED OPC Server Siemens component of dataFEED OPC Suite, Version 4.01 and higher, for communication with Siemens and Siemens-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
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-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
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 "Industrial Communication for Industrie 4.0 - OPC UA, MQTT, REST"
GPL-CS-191000	echolink S7-compact

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