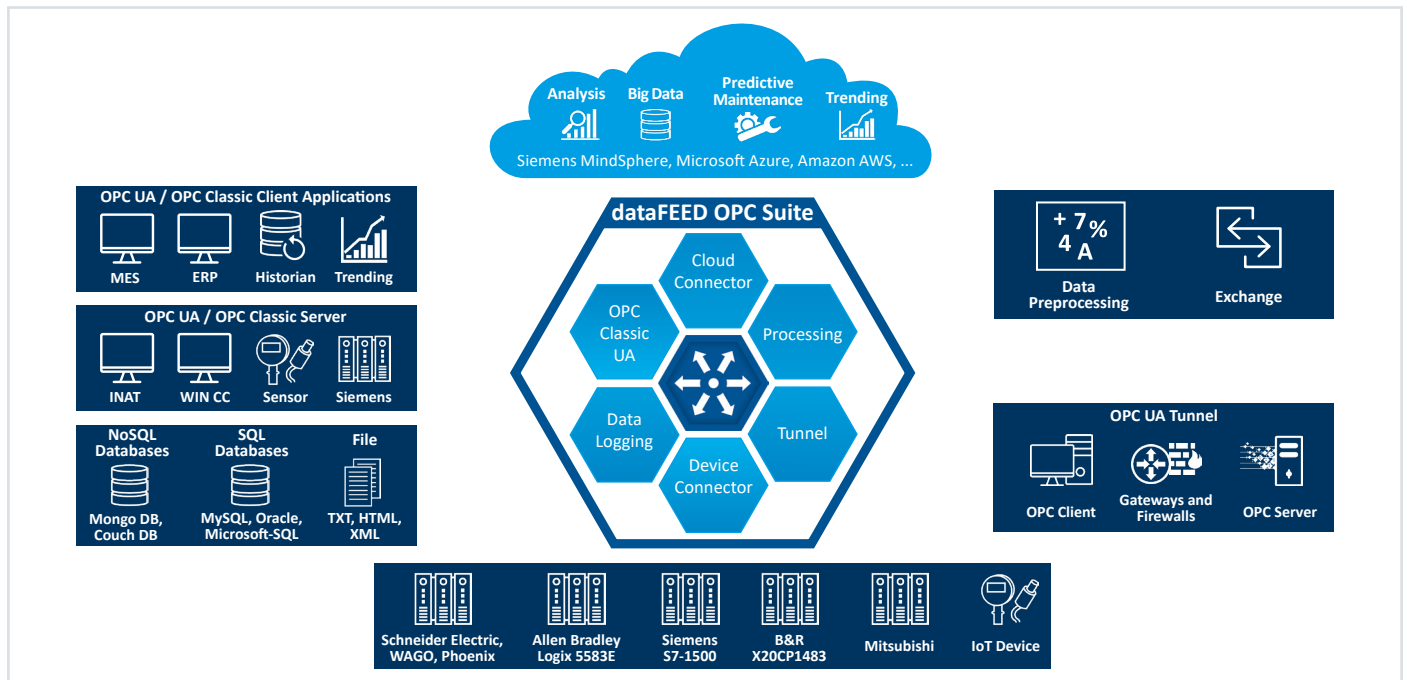![dataFEED logo]

dataFEED MindSphere Connector

Secure transmission of production data to Siemens MindSphere cloud

- **Gateway for integration of production data in Siemens MindSphere applications**
- **Integration of OPC UA applications into modern Industry 4.0 IoT cloud solutions**
- **State-of-the-art security through support of certificates**

Data integration in MindSphere Cloud solutions

- Integration of controllers from leading manufacturers (Siemens, B&R, Rockwell Automation, Schneider Electric, Wago, Mitsubishi)
- Cost savings by using existing OPC Classic components
- Use of modules without cloud interface (e.g. SIMATIC S5 PLCs) in MindSphere cloud applications
- Intermediate storage of data in case of disconnection

Simple and fast configuration

- Configuration wizard with practice-oriented presettings
- Intuitive graphical user interface with drag & drop support
- Automatic data type conversion between PLC, OPC UA and MQTT
- No modification to controller program required
- Extensive flexible trigger options

State-of-the-Art Security

- Guarantee of high data security for production applications
- Authentication via certificates
- SSL encryption support

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dataFEED MindSphere Connector

Technical Data

Supported dataFEED Features	MindSphere Connector, OPC UA Server (including Store And Forward) and Client, OPC Classic Server and Client, OPC UA Tunnel, OPC Tunnel, MQTT (Publisher/Subscriber) and REST Connector, Data Preprocessing, Database Access (SQL/NoSQL), File Access, Data Exchange, Optimizer, Concentrator, Bridge, Filter, Local Items
Protocols for IoT Cloud Link	MQTT V3.1.1, 3.1 TCP, SSL, WS, WSS Methods: Publisher, Subscriber Security: SSL/TLS including certificates
Extended Functionality	▪ Web Proxy support ▪ Store&Forward
Maximum Number of Items	10.000
Supported OPC Specifications	OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Classic XML-DA V1.01, 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
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, etc.
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, dowload 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	**dataFEED OPC Suite Extended** license, Version V5.x, including: ▪ all supported PLC protocols and protocols for IoT cloud access ▪ support of OPC UA including Store And Forward Server Mode ▪ 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 ▪ as well as further functionalities such as data preprocessing, data logging and recipe management, Data Exchange, Optimizer, Concentrator and Bridge ▪ including all future extensions within the main version V5.x
HUA-DD-130001	**USB Hardware Key** 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"

Your local Softing contact:

https://industrial.softing.com

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