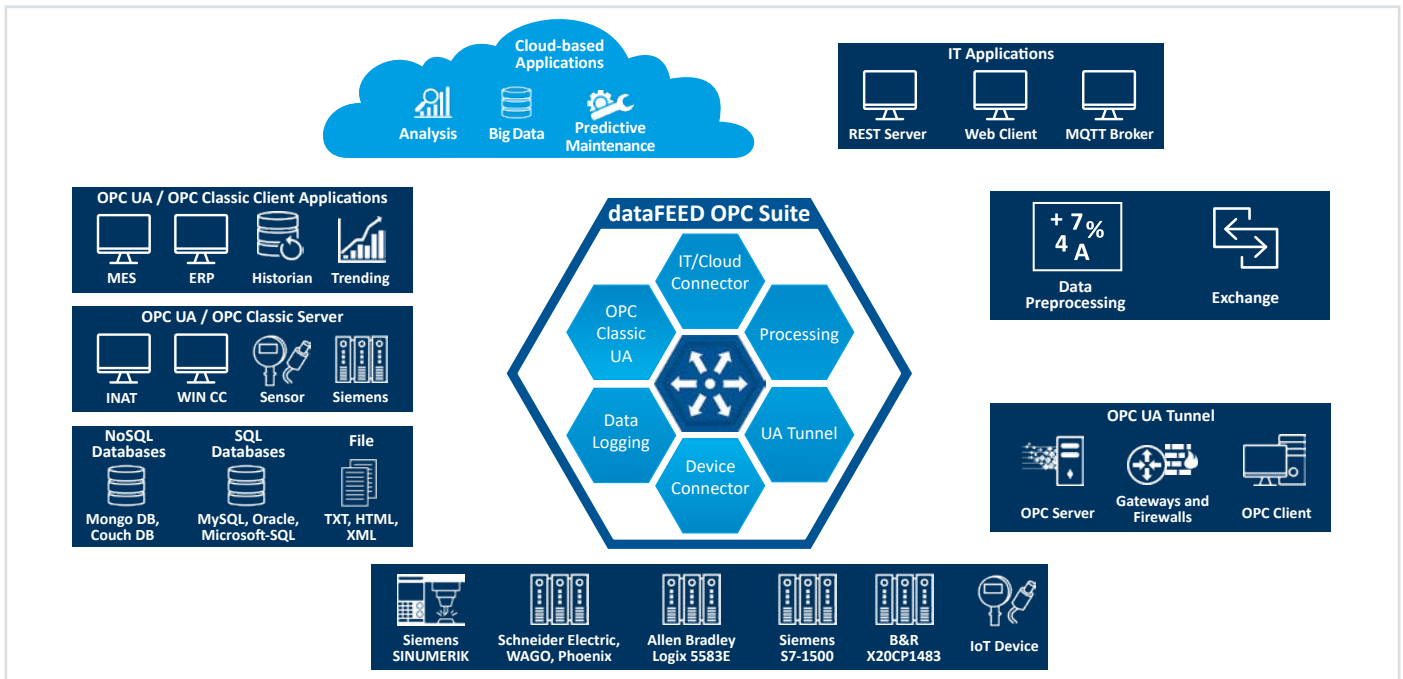


dataFEED REST Connector

IoT and Industrie 4.0 Cloud Connectivity Using REST Protocols

- Time-saving Configuration by Import of Predefined Communication Themes
- Secure Transfer of Production Data to Big Data Storage Solutions
- Support of Most Common Transfer Formats JSON, XML, HTML and Plain Text



Data Integration for IoT Cloud Solutions

- REST connectivity for controllers, devices and databases
- Support for OPC Classic and OPC UA (optional)
- Connection to IoT cloud solutions, e.g. Bosch Production Performance Manager (PPM)
- Caching data on disconnections

Easy and fast configuration

- Configuration wizard with practice-oriented default settings
- Intuitive graphical user interface with drag-and-drop support
- Automatic data type conversion between OPC Classic / OPC UA and REST

Use of Existing Security Functions

- Support for all REST standard safety mechanisms, e.g. SSL encryption
- Authentication via username and password
- Encrypted data communication

dataFEED REST Connector

Technical Data

Supported dataFEED OPC Suite Features	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, Web Services, Data Preprocessing, Database Access (SQL/NoSQL), File Access , Data Exchange, Optimizer, Concentrator, Bridge, Filter, Local Items	
Protocols for IoT Cloud Link	REST Client	Transport protocol: TCP, HTTP, HTTPS Security: SSL including certificates, authentication via user name and password Methods: PUT, POST
Maximum Number of Items	10,000	
Supported OPC Specifications	OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Alarms & Events V1.10, 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, ...	
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	dataFEED OPC Suite Extended License, Version V5.x, including: <ul style="list-style-type: none">▪ all supported PLC and CNC protocols▪ protocols for IT Applications and 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 and Concentrator▪ 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"
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