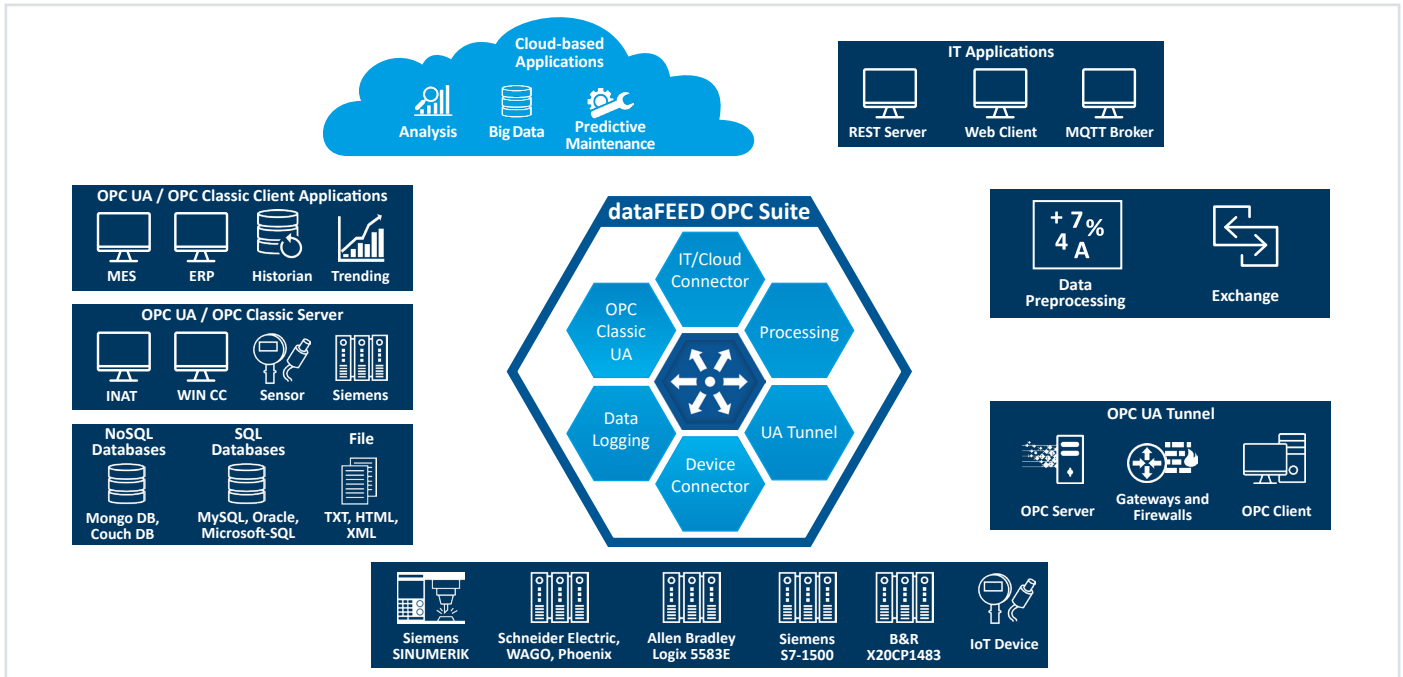


# dataFEED Web Service

Simple access to production data from Web Client applications

- Standardized light-weight communication
- Secure transfer of production data in IT applications
- Easy to use



## Standardized access to production data

- Integration of control data in Web based IT applications
- Standardized data transfer via HTTPS and JSON Payload
- Access to production data via web browser, such as Chrome or Microsoft Edge
- Simple script-based access to process data via Python or cURL

## Use of standard SSL security functionalities

- Support of all HTTPS security mechanisms, such as SSL encryption
- Authentication via user name, password including user certificates
- Encrypted data communication

## Simple and quick configuration

- Configuration assistant with practice-oriented presets
- Graphic interface for intuitive operation
- Automatic conversion of data types between OPC Classic/ OPC UA and the JSON-Payload of the Web Service.

# dataFEED Web Services

## Technical Data

Supported dataFEED OPC Suite Features	OPC Server, Filter, Optimizer, Concentrator, Bridge, optional: OPC UA, MQTT support
Supported protocols, methods and Payload format	Transport protocol HTTPS Security: SSL including certificates, authentication via user name and password, including certificates Methods: GET/POST Payload: JSON
Supported services	Browse, Read, write and Subscribe/Unsubscribe
Available examples	Microsoft Edge, Chrome, Postman, Python, cURL and Spring
Operating type	Application (OutProc Server), Windows service
Logging, diagnosis	Detailed system logging, recording of connection information, OPC accesses and notifications, OPC data, OPC UA Tunnel and OPC Tunnel telegrams, database accesses, ...
Free Testing Tools	OPC Classic Demo Server, OPC Classic Demo Client, OPC UA Demo Server, 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, 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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