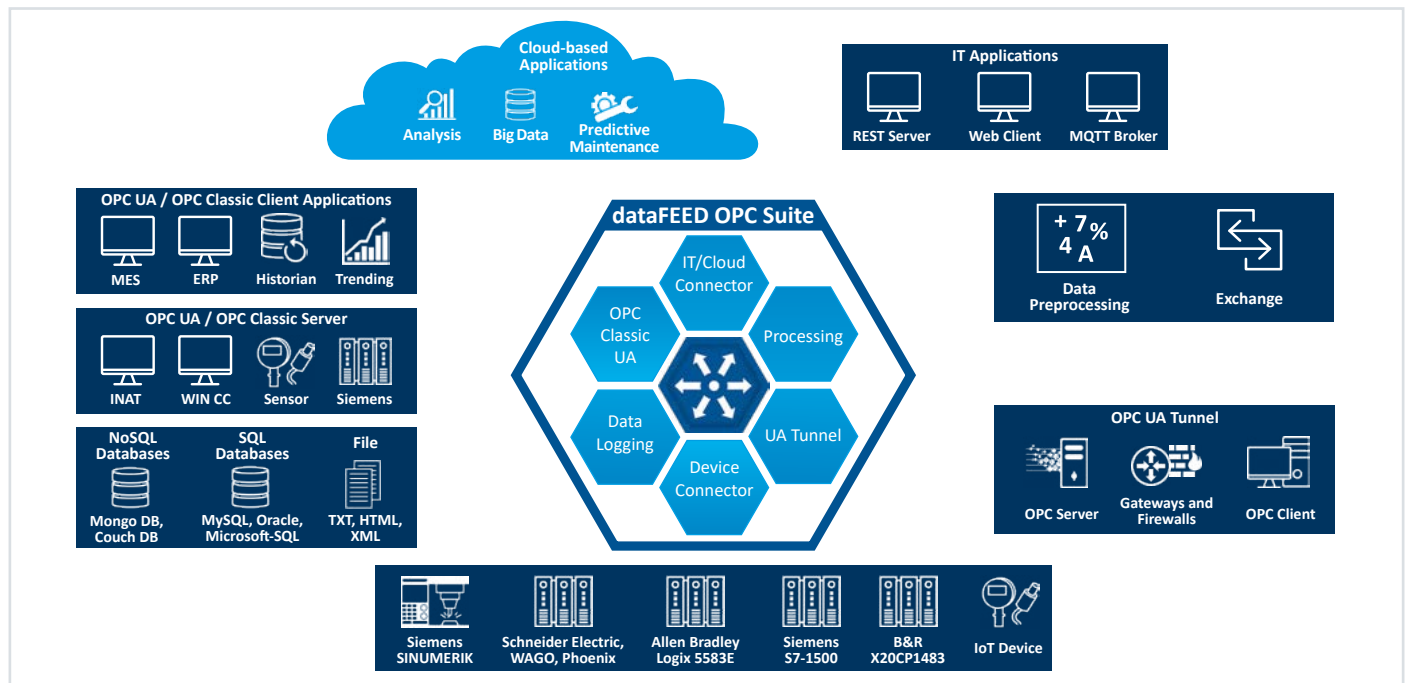# dataFEED OPC Server B&R

Easy Data Access Combined With High Performance for B&R Controllers

- **Access to Process and Diagnostic Data from B&R Controllers**
- **Automatic Namespace Creation by Browsing the Controller**
- **Easy Integration into „Industrie 4.0"*, IoT Cloud and Big Data Solutions (optional)**

Easy Access to B&R Controllers

- Read and write access to data in B&R 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 by browsing the namespace of B&R controllers
- 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 like B&R X20CP1483 controllers into OPC UA applications
- Easy integration of legacy and new controllers into Industry 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 MQTT and REST Connector
- Integration of automation devices in IoT cloud applications using MQTT Publisher/Subscriber functionality, e.g. in Microsoft Azure Cloud
- State-of-the-art security by SSL/TLS support, including certificates

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dataFEED OPC Server B&R

Technical Data

Supported dataFEED OPC Suite Features	OPC Server, Filter, Optimizer, Concentrator, Bridge, optional: OPC UA, MQTT and REST support
Supported Controllers	B&R controllers with Ethernet interface
Accessible Controller Data	Inputs, outputs, data blocks, markers, timers, counters
Supported Melsec-Q Data Types	BOOL, BYTE, CHAR, WORD, DWORD, INT, DINT, STRING, DATE, REAL, TIME and arrays of these data types
Supported OPC Specifications	OPC Classic Data Access V1.0a, V2.05, V3.0, OPC Alarms & Events V1.10, OPC Unified Architecture V1.04 (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	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, Winsdows 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 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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