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Release Notes

dataFEED OPC Suite

Version 5.72

September / 2026

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Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_72.zip	5.72	September 2026

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- ID7498: Added support for Rockwell ControlLogix Firmware V.38

3. Bug fixes

- ID7428: Data Source B&R: Fixed an issue where the connection state was not detected correctly.
- ID7434: Data Destination SQL Database: Fixed a connection issue when the database password contains special characters.
- ID7481: Data Source OPC UA Server: Fixed an issue when writing data from OPC Classic to a OPC UA Server.
- ID7499: Data Destination SQL Database: Fixed an issue where incorrect values could be written to the database when the data source was unavailable.
- ID7540: Data Destination OPC UA Client: Fixed an issue where, under certain conditions, not all values were received by the OPC UA Client.
- ID7552: Data Destination SQL Database: Fixed an issue that could cause duplicate database entries after the database was unlocked.
- ID7558: Data Source Rockwell: Fixed an issue when reading values from a Rockwell PLC in combination with an Ecolab OPC UA Client.
- ID7581: Runtime: Fixed an issue that could cause the runtime to crash.
- ID7585: Data Source Rockwell: Fixed an issue where exclusion filters were not applied correctly.
- ID7590: Data Destination SQL Database: Fixed an issue when writing strings containing specific special characters to an Oracle Database.
- ID7604: Data Source OPC Classic: Fixed an issue where newly added items were not visible to OPC UA Clients until the dataFEED OPC Suite runtime was restarted.
- ID7608: Add-ons: Fixed an issue where actions could be executed multiple times.

- ID7654: Data Source MQTT Broker: Fixed an issue where values were incorrectly set to 0 after the connection to the MQTT Broker was lost.
- ID7661: Data Source B&R: Fixed an issue where subscriptions were not handled correctly after reconnecting.

Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_70.zip	5.70	February 2026

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- ID7410: Data Source Siemens: Added read-only PLC access via S7-2 protocol (S7-1200/1500).
- Data Source OPC UA Server: Added support for retrieving Operation Limits directly from an OPC UA Server
- Implemented an asynchronous logging mechanism to improve system performance and responsiveness
- Data Source MQTT Broker: Enhanced the Configurator to allow selection of array item handling: either inherit the parent array definition (name, payload key, syntax) or use index-based notation only.
- ID6526: Data Destination SQL Data Base: Added support for defining action names
- ID6643: Data Destination SQL Data Base: Added support for changing the database action type (e.g., from *INSERT INTO* to a custom/general
- ID7048: Default Configuration Optimization: System items are now deactivated by default in both runtime and configuration tool
- ID7130: Data Source MQTT Broker: Added support for updating the quality of items if an invalid Payload is received
- ID7167: Data Source MQTT Broker: Enhanced the Configurator to allow selection of array item handling: either inherit the parent array definition (name, payload key, syntax) or use index-based notation only.

3. Bug fixes

- ID7080: Data Source SINUMERIK ONE: Fixed an issue where copying a connection unintentionally created system items.
- ID7430: Data Source B&R: Fixed inconsistent status codes across folders after the PLC was powered off.

- ID7495: Data Source Modbus (Schneider PLC with Slaves): Resolved an issue where shutting down one slave caused all variables to report *Device Failure*.
- ID7496: Fixed runtime crash
- ID7510: Backward Compatibility: Resolved an issue where OPC Classic Tunnel and S7-2 connections were invalidated.
- ID7522: Data Source Siemens: Resolved browsing issue for S7-1511 (FW 4.1) when authentication (username/password) was enabled.
- ID7526: Data Source B&R: Fixed issue where filtered items were not validated after network reconnection and could not be read.
- ID7534: Data Source OPC UA Server: SINUMERIK ONE: Improved OPC UA browsing performance and resolved functional issues on connections with SINUMERIK ONE
- ID7538: Data Process Exchange: Namespace URI: Corrected display issue where *nsuri* was incorrectly shown as *nruri*
- ID7583: Runtime Stability: Fixed runtime crash occurring when one dongle was unplugged while another was plugged in

Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_60.zip	5.60	November 2025

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- Data Source FANUC CNC: Added support for FANUC CNC controllers. This feature enables access to process and diagnostic data in FANUC CNC controllers.
  The following CNC controllers are supported:
  FANUC Series 30i, 31i, 31i-B, 31i-B5, 32i-B, 35i-B; FANUC 0i-D, 0i-F, 0i-F Plus; FANUC Power Motion i-A; FANUC NC Guide (Simulator).
  All process parameters from the NC part and drive data can be read without interfering with the machine configuration.
- Data Destination MQTT Broker: Added support for MQTT Version 5
- Data Source MQTT Publisher: Added support for resolving arrays
- Settings: Add an option to generate and download a Support Data Package
- Configurator: Toolbar is now enabled by default
- ID6640: Data Destination File: Added an option to overwrite the file on each action
- ID6802: Preprocessing Engine: Added the ability to copy actions
- ID7421: Data Destination MQTT Broker: Improved certificate handling

3. Bug fixes

- ID7011: Data Source and Data Destination Database: Resolved an issue occurring when predefined functions (Insert and Select) were used
- ID7012: Item properties: Fixed incorrect handling of item properties.
- ID7199: Preprocessing Engine: Fixed issue where the Variable Trigger did not function correctly
- ID7276: Hysteresis Trigger: Fixed issue where the Hysteresis Trigger did not work correctly
- ID7223, 7224: Fixed multiple runtime crash scenarios

- ID7248: S7 Protocol: Fixed crash issue occurring when the connection string was too long
- ID7277: S7-2 Protocol: Fixed issue where a connection could not be re-established if the PLC was offline for an extended period.
- ID7342: Data Source MQTT Broker: Fixed issue where Item Import did not work correctly
- ID7369: Data Source Database: Fixed issue causing duplicated table entries in SELECT statements
- ID7370: Data Source Database: Fixed issue where Reconnect was not functioning correctly
- ID7434: Data Destination Database: Fixed issue where Write operations failed when using complex passwords

Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_50.zip	5.50	June 2025

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- Siemens Controller Support: Added username and password authentication for Siemens SIMATIC S7-1200, S7-1500, and SINUMERIK One controllers.
- OPC UA Server (Data Source): Implemented basic node validation.
- OPC UA SDK: Integrated Softing OPC UA SDK version 6.70.
- MQTT Library: Updated Mosquitto library to version 2.0.20.
- PAHO Library: Updated PAHO library to version 1.3.14

3. Bug fixes

- ID6427: Resolved issue where the license was lost after prolonged usage
- ID7078: Fixed malfunction of the scheduled daily timer trigger
- ID7127: Addressed issue where the configurator could not import .net files from version 5.38
- ID7154: Resolved abnormal runtime termination
- ID7172; 7188; 7194: Fixed multiple runtime crash scenarios
- ID7235: Resolved connection issues with Azure MQTT Broker when using a proxy

Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_40.zip	5.40	March 2025

Important Note

dataFEED OPC Suite Version 5.00 or newer requires a Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- The look and feel of the dataFEED OPC Suite Configurator have been updated.
- New Data Destination: Added support for MPDV MIP (Manufacturing Integration Platform)
- Data Source CNC: Support for Siemens SINUMERIK 840D Powerline and SINUMERIK ONE CNC controllers was added. It enables access to process and diagnostic data in Siemens SINUMERIK CNC controllers. All process parameters from the NC part (axis, tool, program data, alarms), as well as the PLC part (status, program sections, alarms) and the drive data can be read out without interfering with the machine configuration.
- dataFEED Suite Extended License is now proposed as recommend always on needed licenses functionality.
- Data Source Modbus: Added support of 64-Bit values.
- Data Source MQTT Broker: Added support for Arrays.
- Softing OPC UA SDK Version 6.60 was integrated (solves CVE-2024-42513, CVE-2024-6119, CVE-2023-28484, CVE-2023-29469, CVE-2022-40303, CVE-2022-40304, CVE-2023-41151, CVE-2023-29377, CVE-2023-29378)
- ID 6853: Data Source MQTT Broker: Added support for Wildcards
- ID 6854: Data Source MQTT Broker: Added topic validation

3. Removed Features/Functionality

- Separate/External License Manager was removed from the Setup

4. Bug fixes

- ID 5309; 5328; 6876: dataFEED OPC Suite Runtime did not stop
- ID 5715; 5716: dataFEED OPC Suite Runtime crash if namespace delimiter “/” is used
- ID6408: dataFEED OPC Suite Runtime crash
- ID6924: Data Destination OPC UA. Sampling Interval of -1 is not working.
- ID7013: Data Preprocessing: Arrays are not correctly handled by the Lua Engine.
- ID7031: Data Preprocessing: System Items are not correctly visible.
- ID7034: Connection lost information is not correctly sent via OPC AE Server Interface
- ID7035: Subscribe Mechanism is not correctly working on XML-DA Server
- ID7040: QueryConditionNames are not correctly handled at OPC AE Server Interface

Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_38.zip	5.38	September 2024

Important Note

dataFEED OPC Suite Version 5.00 or newer requires a Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025 (Preview)

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- The look and feel of the dataFEED OPC Suite Configurator have been updated.
- Data Source and Destination Database: Added support for reading and writing CSV and TXT files via an ODBC driver.
- Data Destination Tunnel Client: The Tunnel Server now supports connections from ABB Freelance Tunnel Clients.
- Configurator Performance: Startup time has been optimized for configurations with large datasets.
- Address Space Browsing: Improved browsing performance within the configurator for address spaces containing a large number of data points.
- License Manager Integration: Support has been added for activating and importing license files directly within the dataFEED OPC Suite Configurator.
- OPC UA Certificate Management: Users can now specify the lifetime of the OPC UA application certificate.
- ID 5576: dataFEED OPC Suite Configurator: Update the 'Browse' functionality at the filter items to use the 'Expand Node' option and enable the 'Return All Properties' feature at runtime.

3. Removed Features/Functionality

- The Import option for Easy Connect Version 1.x configurations has been removed.

- Adding new connections using the NetLink “Protocol” is no longer supported. Please use instead the RFC 1006 protocol.
- Support for Siemens connections utilizing the PLC Header type has been discontinued.

4. Bug fixes

- ID 1591; 2574; 3251; 3366; 5961; 5969; 6759: dataFEED OPC Suite Configurator: Problems when loading big configurations.
- ID 3364: dataFEED OPC Suite Configurator: Not possible to import big Step 7 projects.
- ID 3370; 3612; 3920; 4613; 4614; 6672: dataFEED OPC Suite Configurator: Problems with high resolution screens and different scaling factors.
- ID 6123: Problems when creating a Filter for a OPC Classic Tunnel connection.
- ID 6246: Licenses on a Dongle are displayed as Local instead of Dongle.
- ID 6360: Denial of Service Vulnerability at OPC Classic XML.
- ID 6364: Demo Mode automatically activated with DCOM Security Settings.
- ID 6587: The execution of a high number of exchange actions takes too long.
- ID 6591: SQL Buffer is not working when the SQL Statement is too long.
- ID 6646: Influx DB: Retrieving the Organization Name is not working correctly.
- ID 6657: Support MQTT Topics with special characters.
- ID 6668: Data Destination REST/NoSQL: Problems on populating the Action Body Table.
- ID 6669: Runtime Crashed.
- ID 6696: dataFEED OPC Suite Configurator Crashed when browsing a big address space from a Siemens S5.
- ID 6702: dataFEED OPC Suite Configurator: OPC Classic DA Filter is nor correctly working.
- ID 6760: dataFEED OPC Suite Configurator Crashed when adding a read only item as a destination item.
- ID 6770: Siemens S7-2 Connection is reset after subscribing 52 monitored items.

Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_35.zip	5.35	March 2024

Important Note

dataFEED OPC Suite Version 5.00 or newer requires a Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- Data source CNC: The data source CNC enables access to process and diagnostic data in Siemens SINUMERIK CNC controls. All process parameters from the NC part (axis, tool, program data, alarms), as well as the PLC part (status, program sections, alarms) and the drive data can be read out without interfering with the machine configuration.
- Data destination Web-Services: The Web Services functionality enables direct access to production data via web client applications such as web browsers, Postman or cURL.
- Data destination MQTT Broker: Support for Redundancy Broker Connections.
- ID 2920/4407: Support for 64-bit Integer datatype has been added to Modbus connections.
- ID 4823: Handling of Modbus Slave ID has been rectified.
- ID 5444: Data Preprocessing: Improved Time zone handling for Source Item.
- ID 5496: Data Preprocessing: Modify default value for conversion from string to number.
- ID 5572: Variable Trigger: Support for the CHD operator has been added for Items with a string data type.

3. Bug fixes

- ID 1671: Data source Modbus: Incorrect UnitID utilized.
- ID 1673: Data source Modbus: Prefer usage of UnitID from Item syntax.

- ID 4377: Data source Modbus: Sending of queries for different UnitIDs without waiting for responses to the preceding queries, leading to incorrect query-response matching.
- ID 4406: Date destination REST: Button functionality is frozen.
- ID 5735: Data source Modbus: Connection stops querying Janitza Modbus PLCs.
- ID 5750: Data source Modbus: Upon receiving a wrong response from a Modbus PLC, dataFEED stops communication with all configured Modbus connections.
- ID 5840: Variable Trigger TO function is not operating correctly.
- ID 6046; ID 6092; ID 6096; ID 6119; ID 6408; 6520: Runtime Crashed.
- ID 6092: Data source Modbus: Runtime incorrectly matches queries/responses after receiving a wrong Modbus response.
- ID 6097: Data source Modbus: Runtime adjusts reference register number and decreases register length upon no response, resulting in combined PLC responses.
- ID 6336: OPC Classic Store & Forward was not correctly working
- ID 6384: Runtime Crashed at MQTT Publisher Module
- ID 6412: Runtime Crashed when two PC's with installed dataFEED OPC Suite are connected to the same Modbus device.
- ID 6417: Data source Modbus: No reset after application timeout, setting quality of all items to bad.
- ID 6467: Data source MQTT Publisher: Exports of invalid certificates.
- ID 6487: Data source Siemens: Disabling "convert date time values to text" results in string syntax being recognized as Date&Time.
- ID 6501: Data destination OPC UA: Persist Namespace Index option not functioning as expected on version.
- ID 6531: Application Locale always displays as English in Settings/Advanced.
- ID 6591: Data destination SQL Database: SQL Command Buffer fails when SQL Statement is too long.
- ID 6532: Spelling mistake in Mitsubishi Connection Protocol.
- ID 6642: Configuration Tool: Rejects importing *.s7p or *.sdfi projects containing special characters in the project name.

Product	Deliverable	Version	Date
dataFEED OPC Suite	dataFEEDOPCSuite_V5_30.zip	5.30	August 2023

Important Note

dataFEED OPC Suite Version 5.00 or newer requires a Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1. Supported Operating Systems

Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022

Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

2. New or enhanced features

- OPC UA Tunnel
  Simple and secure solution by avoiding DCOM and its complex security settings on the OPC server and OPC client side.
  The OPC UA Tunnel functionality is part of the dataFEED OPC UA Tunnel or dataFEED OPC Suite Extended License.
- Support for NoSQL Database: InfluxDB
  Possibility to store data from Data Sources like PLC's to an InfluxDB.
  The InfluxDB Support is part of the dataFEED OPC Data Handler or dataFEED OPC Suite Extended License.
- Data Source Siemens (S7-2): Support for TLS encrypted communication to Siemens SIMATIC S7-1200 and S7-1500 controller. (Siemens SIMATIC S7-1500 Software Controller (SoftPLC) and Siemens SIMATIC S7-PLCSIM are currently not supported).
- Softing OPC UA SDK Version 6.20.1 was integrated (solves CVE-2021-3541, CVE-2022-1748, CVE-2022-2068, CVE-2022-2097, CVE 2022-37453, CVE-2022-39823, CVE-2023-0215, CVE-2023-0286, CVE-2023-27334)
- The Data Source and Data Destination OPC Tunnel was renamed to OPC Classic Tunnel
- OPC Store and Forward was renamed to OPC Classic Store and Forward
- Data Destination REST Server: Support for Content Type "application/x-www-form-urlencoded)"
  Possibility to connect to 3rd Party Messaging Server like Twilio for sending data to WhatsApp or as SMS.

- Data Destination REST Server: Support for importing complex json files as a body content. Possibility to connect to Microsoft Teams for sending data to Teams Channels
- ID 6195: Implementation of an automatic calculation of the execution queue length for addon actions
- ID 6195: Implementation of an automatic calculation of the execution queue length for addon actions

3. Removed Features/Functionality

- Data Destination Siemens MindSphere was removed.
  The support for the connectivity to the Siemens MindSphere via MindConnect API was removed
  Please use MQTT for connecting to the Siemens MindSphere
- Feature Selection Dialog was removed from the Configurator
- The support for no driverless dongles (Part Number: UAC-DD-0100 – Hardlock Key for OPC products) at installation time was removed. If the support for the this type of dongle is still needed, please contact our support team on Support Request

4. Bug fixes

- ID 5668: Rebrowse operation on data destination UA Server was too time consuming
- ID 5830: Crash with Modbus Connections (Ticket 15186)
- ID 5832: Problems when writing data into MSSQL was not possible.
- ID 6058: MQTT publisher send float values with "," instead of "."
- ID 6091: Data Source File Read: Import of XSD File was not correctly working
- ID 6092: Data Destination MQTT Broker: Runtime cannot started if more than 50 MQTT Broker connections are configured
- ID 6095: Configurator crash when pressing test button on a connection to an Oracle database
- ID 6128: Reconnect on MQTT connection with the protocols ws and wss were not correctly working and the stored data was not forwarded after a reconnect
- ID 6134: Data Source Database Read: Stored Procedure to Oracle databases without some parameters are not working
- ID 6231: Security leak detected in OSF Discovery service (solves CVE-2023-37572)
- ID 6249: Runtime crash when running complex configuration
- ID 6304: OPC Tunnel is only working if OPC DA or OPC XML-DA Server was enabled, too
- ID 6329: Support for not compliance FANUC OPC UA Server
- ID 6352: German characters like Ä are working when import sdfi file based on TIA V18 project

1. History

1.1 Changes in Release 5.25

1.1.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.1.2 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise, Windows 11 IoT Enterprise

1.1.3 New or enhanced features

- ❒ Support for File Read (XML Files) functionality
  Possibility to read values from an XML File and provide the data to any data destination of the dataFEED OPC Suite like OPC UA, OPC Classic or MQTT.
  The File Read functionality is part of the dataFEED OPC Data Handler or dataFEED OPC Suite Extended License.
- ❒ **ID 5912** Possibility to perform a configuration backup via command line (Ticket 16590)

1.1.4 Bug fixes

- ❒ **ID 4755** dataFEED OPC Suite cannot be stopped
- ❒ **ID 5746** Authentication settings at data source OPC UA Server Security Settings page are not kept if Back Button is used
- ❒ **ID 5690** Crash with Modbus Connections (Ticket: 10670)
- ❒ **ID 5611** Variable triggers are not working correctly (Ticket: 5485, 17224)
- ❒ **ID 5708** dataFEED OPC Suite crashes if stopped.
- ❒ **ID 5912** OPC UA Certificates cannot be created if special characters are used. (Ticket: 15619, 15781)
- ❒ **ID 5828** Data source Siemens (RFC1006): Arrays of Type "Date_and_Time" are not read correctly. (Ticket 15042)

1.2 Changes in Release 5.22

1.2.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.2.2 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.2.3 New or enhanced features

- ❒ OPC UA Reverse Connect (Server & Client)
  Possibility to process OPC UA Reverse Connect Connection.
- ❒ Softing OPC UA SDK Version 6.00 was integrated (CVE-2022-1292, CVE-2022-0778, CVE-2021-45117, CVE-2021-42577, CVE-2021-42262, CVE-2021-3451)
- ❒ Softing OPC Classic SDK Version V4.31.21 was integrated (solves CVE-2020-14522 and CVE-2020-14524)

1.3 Changes in Release 5.20

1.3.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.3.2 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.3.3 New or enhanced features

- ❒ Support for OPC Classic Remote-Network Communication via DCOM with Microsoft Patch KB5004442 **(CVE-2021-26414)**
- ❒ **ID 5462** Support of configurable connection timeout for MQTT connections (Ticket 1401)
- ❒ **ID 5576** Browsing at the Configurator (at filter items) is using now the “all” properties option.
- ❒ **ID 5641** Support of simple browse operations for OPC UA and OPC Classic data destinations (Ticket 8669)

- **ID 5734** OPC UA Client endpoint can be used without slash, now
- **ID 5773** Support of configurable reconnect time interval for MQTT connections (Ticket 13091)

1.3.4 Bug fixes

- **ID 4366** Connection to REST Server via HTTPS is not possible
- **ID 4888** Data destination File - Property button is not shown when File root is selected
- **ID 5217** Data type from external OPC Server is shown empty and browse takes too long (Ticket: 20200727-03).
- **ID 5234** Crash on subscribe operations (Ticket: 20200210-18)
- **ID 5329** Crashes on using exchange functionality (Ticket: 4559)
- **ID 5503, 5638** Items are shown with Bad Quality via tunnel connection (Ticket: 8600)
- **ID 5603** Authentication level is changed after restart
- **ID 5657, 5662, 5676, 5692** Crash with Modbus Connections (Ticket: 7541, 8928, 9171, 10778)
- **ID 5670** Rename Redundant Switch parameter at data source Siemens
- **ID 5671** MQTT Topics cannot contain special characters (Ticket: 9926)
- **ID 5686** Configurator crashes if the advanced settings option is changed to "Combine Coherent Blocks always" and " DBxSy.z is always a s5 string" (Ticket: 10573)
- **ID 5760** Preprocessing engine is showing the data type of MQTT items as I1. (Ticket: 12849)
- **ID 5805, 5806** Data source MQTT Broker: Web Socket connections are not working

1.4 Changes in Release 5.19

1.4.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.4.2 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11
- Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.4.3 New or enhanced features

- **ID 4022** Possibility to configure the maximum number of OPC UA Browse elements via the Configurator

- **ID 5573, 5552** Support of OPC UA "Default" data type of KEPServerEX Version 6.10 (Ticket: 4710)
- **ID 7735** S7-2 Protocol encryption key exchange mechanism improvements. Parallel connection is no longer needed.
- **ID 7856** Support for Siemens SIMATIC S7-PLCSIM Advanced
- **ID 7929** Handling of 7-2 protocol request timeout for fragmented data was improved

1.4.4 Bug fixes

- **ID 1263, 1350, 1744, ,5452, 5453** OPC Classic Asynchronous Read is not correctly working
- **ID 3935, 4755** Application cannot be stopped
- **ID 5042** dataFEED OPC Suite Application crash when stopping the application
- **ID 5386** Data destination OPC Client is shown as not licensed (Ticket: 20210504-02)
- **ID 5534** Crash during browse process of external UA server (Ticket: 4070)
- **ID 5548** Import Step 7 Alias file failed when 'comment' is in the item name (Ticket: 4559)
- **ID 5561** S7-2 protocol timeout is not working correctly
- **ID 5563** First value on a subscription is from Cache (old value) (Ticket: 4016, 4940)
- **ID 5580** Configurator shows on Data Destination MQTT Broker wrong tooltips.
- **ID 5591** Crash when using B&R Connections (Ticket: 5591)
- **ID 5596** Address Space shows not all imported Symbols (5628)
- **ID 5621** S7-2 Connection is not closed correctly after PLC was powered off
- **ID 5628** OPC UA Server Address Space shows wrong Service Level Value (Ticket: 5628)
- **ID 5629** Crash when browsing an UA Server (Ticket: 7893)
- **ID 5632** License Information Overview shows wrong needed License. (Mitsubishi instead of Modbus)

1.5 Changes in Release 5.18

1.5.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.5.2 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11

- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.5.3 New or enhanced features

- ❒ Support for Windows 11 and Windows Server 2022
- ❒ Support for Siemens SIMATIC Software Controller (S7-1507SF) Version 21.8 und 21.9
- ❒ Softing OPC UA SDK Version 5.66.1 was integrated (solves CVE-2021-40871 and CVE-2021-40873)
- ❒ **ID 4524** Data destination OPC UA Client the two options “WriteFiltering” and “EnableValueConversions” are now configurable via the Configurator
- ❒ **ID 4537** Possibility to disable the creation of address space on namespace 0 (diagnostics nodes)
- ❒ **ID 4539** Possibility to expose the Client Certificate page directly from data source UA Server connection main page
- ❒ **ID 4542** New trace level to the tracing mechanism (Value-Tracking)
- ❒ **ID 5217** Possibility to enable “buffer receive extension” (Browse request takes too long via OPC Tunnel)

1.5.4 Bug fixes

- ❒ **ID 3622** S7-2 protocol: Arrays with a not fix defined length are to completely be browsed
- ❒ **ID 4787** AE Server unknown category error
- ❒ **ID 5239** Browsing problems via s7-2 protocol
- ❒ **ID 5280** Schedule Timer does not work correctly
- ❒ **ID 5304** If show properties of executed items the status changed to “Bad not connected” at tunnel client side
- ❒ **ID 5308** Quality changes to “Bad not connected” if a read operation is executed to external OPC DA Server
- ❒ **ID 5310** S7-2 does not expose integer array
- ❒ **ID 5326** S7-2 connection problems
- ❒ **ID 5367** Alarms and Conditions from JCI MP OPC are not exposed
- ❒ **ID 5504** Browsing the DF DS ABB 800xA OPC DA server sometimes shows recursively structured address space.
- ❒ **ID 5536** Array can’t found at instance Data Blocks (DB.TestError_DB.Inputs.StringArray)
- ❒ **ID 5561** S7-2 protocol timeout expired

1.6 Changes in Release 5.17

1.6.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.6.2 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.6.3 Bug fixes

- ❒ **ID 5214** CPU usage increases to 100%
- ❒ **ID 5313** S7-2 connection get interrupted after every 41 minutes. TIA Log Entry "system initiated session termination".
- ❒ **ID 5458** Subscriptions with invalid “OPC Node Ids” are not correctly handled
- ❒ **ID 5482** OPC UA Client Connections to OPU UA Server with the default Port 4840 are not working correctly. Log Entry: Bad TcpEndpointUrlInvalid "The Server does not recognize the QueryString specified."

1.7 Changes in Release 5.15

1.7.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.7.2 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.7.3 New or enhanced features

- ❒ Data Preprocessing functionality was extended
  Possibility to process data conversion or LUA Script language operations on data values.
  The new Data Preprocessing enhancements are part of the dataFEED OPC Suite Extended License.

- **ID 2676, 5409** Continuous Validation of Items (data points) used on OPC Classic DA (internal or external) Subscriptions.
  The item validation operation is possible being executed at runtime while running not exclusively on initialization procedure for all the internal subscriptions and item subscribe operation for external subscriptions.
- **ID 4141, 5325** Application Start Up Parameters are not stored permanently.
  The Parameter are now stored in the configuration.
- **ID 5010** Re-organization of advanced (hidden) parameters settings.
  A set of advanced and hidden parameters become configurable.
- **ID 5264, 4021** Implementation of performance profiles for OPC UA connections.
  Possibility to configure performance profiles for the OPC UA connections to an OPC UA Server.

1.7.4 Bug fixes

- **ID 4965** UA Server data source - long communication interruption disabling the monitored items on internal OPC UA Client
- **ID 5060** Unstable S7 connections (PLC Status Problem)
- **ID 5199** MQTT Subscriber does not throw any error if the port is also being used by another MQTT Broker on the system.
- **ID 5266** dataFEED OPC Suite crash if the Data Access of one of the subscribed tags is changed in the Rockwell controller from Read/Write to None
- **ID 5277** dataFEED cannot connect to external UA Server after long period of offline time
- **ID 5281** dataFEED OPC Suite crash on Modbus write operation.
- **ID 5301** dataFEED OPC Suite crash if grouping is used in the Modbus syntax.
- **ID 5330** Configurator crash while importing Modbus Symbolic File.
- **ID 5365** Data Source OPC UA Server - Advanced Settings - Incorrect Session Name

1.8 Changes in Release 5.10

1.8.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.8.2 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.8.3 New or enhanced features

- ❒ Data Preprocessing functionality
  Possibility to process mathematical or logical operations on data values and provide the result into a new variable.
  The new Data Preprocessing functionality is part of the dataFEED OPC Suite Extended License.
- ❒ Support for MQTT Subscriber functionality
  Possibility to receive data from a MQTT Broker or a cloud solution via MQTT Subscriber functionality.
  The new Data Source MQTT Broker is part of the dataFEED OPC Suite Extended License.
- ❒ **ID 4133** Access Rights for Local Items
  Possibility to define the Access Rights for the Local Items
- ❒ Operation Limits on OPC UA Client Connections
  Possibility to configure Operation Limits on connection to a OPC UA Server as data sources.

1.8.4 Bug fixes

- ❒ **ID 4021** Browse functionality is not working properly on UA connections to servers with low operation capabilities and big address space
- ❒ **ID 4023** Data Source OPC UA Server – Maximum Number of Nodes per Browse requests is not correctly applied on browse operations
- ❒ **ID 4892** Random "numeric value" property names or entirely missing properties for specific ABB OPC DA server
- ❒ **ID 4972** Data Source DB Read: misinterpreted datatypes on an Item trigger will trigger the action twice
- ❒ **ID 4981** Temporary folder created for generation of PKI Store for MQTT connection is not deleted after the PKI store is copied to configuration folder
- ❒ **ID 5015** Data Destination Rest Server: The last slash from an URI can not be removed
- ❒ **ID 5019** Online Help is open based on Operating System Language and not on the user configured one for dataFEED OPC Suite Configurator
- ❒ **ID 5023, 5038** Fallback to 127.0.0.1 for local host resolution if no DNS Server is available,
- ❒ **ID 5079** Data Source Siemens: Connections to a Siemens PLC via S7-2 protocol is broken after a few hours
- ❒ **ID 5168** Data Source OPC UA Server: Browse to CodeSYS UA Servers is not working because of UA Server operational Limits
- ❒ **ID 5193** dataFEED OPC Suite cannot be stopped with special Exchange actions
- ❒ **ID 5207** Exchange actions were not correctly deleted

1.9 Changes in Release 5.05

1.9.1 dataFEED OPC Suite Versions 5.x requires a new Version 5 license. The old licenses of Version 4.x do not work with the dataFEED OPC Suite Version 5.00 or newer.

1.9.2 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.9.3 New or enhanced features

- ❒ **ID 2362** Possibility to configure a delay between an establishment of an AE Connection and the creation of subscription
- ❒ Support for PostgreSQL databases
  Implementation of fully support for PostgreSQL databases inclusive upper-lowercase support
- ❒ **ID 3705** Extension of variable trigger with "since last value"
  Expansion of the variable trigger in LE/FE/CHD with new option: since last value
- ❒ **ID 3308, ID 3589** Support for BaseDataType “variant” variables on data source OPC UA Server
- ❒ **ID 4417** Possibility to switch Boolean values -1 (as true) to 1 on data destination file
- ❒ Thread handling of the add-ons actions like database, file, exchange, REST was changed to avoid blocking situations
- ❒ **ID 4897** Extended Logging with additional information like configuration is running as service/application, start/stop time, ...

1.9.4 Bug fixes

- ❒ **ID 1997** **ID 4672** XML-DA port is always open even if the XML-DA Server or/and the Web Server is deactivated
- ❒ **ID 2146** System Items: data source Siemens, PLC status does not work correctly compared to Softing S7/S5 OPC Server
- ❒ **ID 2725** Tunnel Server stops running after certain time
- ❒ **ID 2366** UA Certificate cannot be created if the Configuration Name is longer as 27 characters.
- ❒ **ID 3234** Write on an Item trigger will trigger the action twice
- ❒ **ID 3526** Exchange functionality is sometimes slow
- ❒ **ID 4040** Problem with the connection timeout of the S7-2 protocol
- ❒ **ID 4042** Syntax "MD" is interpreted as UI4 32-bit unsigned integer instead of a real

- **ID 4095** German special characters (Ä,ä,Ö,ö,Ü,ü) are not supported for node id on Siemens S7-2 connections
- **ID 4077** License is sometimes not recognized correctly
  ID 4190
- **ID 4245** Connection to Siemens PLC with S7-2 protocol is interrupted every 6 hours
- **ID 4259** MySQL driver V8.0.15 does not work with dataFEED OPC Suite
- **ID 4322** System Item: PLC status shows incorrect information
- **ID 4377** Data source Modbus is sending queries for different unit ids without waiting for the response to the first query
- **ID 4479** It is not possible to change the option “source identifier” on exchange action
- **ID 4549** dataFEED OPC Suite freezes if the connected Siemens PLCs are offline/down for some certain time when S7-2 Protocol is used
- **ID 4555** OPC UA Client cannot browse data when two S7-2 connections are active
- **ID 4650** ByteArray to ByteString conversion does not work correctly
- **ID 4664** dataFEED OPC Suite freezes after 4-5 hours every day
- **ID 4668** At the Restore/Backup of a configuration it is not possible to select a network share
- **ID 4670** The stored procedure is incorrectly displayed as an SQL statement
- **ID 4671** ODBC driver Version 8.0 is producing Syntax Error for String items
- **ID 4685** The CHD option cannot be selected on a variable trigger for data type Boolean
- **ID 4688** Acting as OPC UA -> OPC Classic Gateway, OPC messages sequence is swapped at special cases
- **ID 4700** OPC Classic Store&Forward connection to Tunnel Server stops working after some time
- **ID 4701** Application crash on port scan
- **ID 4748** Uninstallation does not delete all files
- **ID 4752** At the end of the REST server address, an additional slash "/" was incorrectly added
- **ID 4759** dataFEED OPC Suite crash sporadically when S7-2 Protocol is used
- **ID 4776** At PostgreSQL database connections old sessions are not closed correctly
- **ID 4791** CLX name-based read of a bool variable gets bad quality
- **ID 2891, ID 3137 ID 3368, ID 4083, ID 4209, ID 4495**, **ID 4585**, **ID 4621, ID 4631, ID 4701, ID 4820, ID 4882** dataFEED OPC Suite crashes

1.10 Changes in Release 5.00

1.10.1 dataFEED OPC Suite Version 5.00 requires a new Version 5.00 license. The old licenses of Version 4.x do not work with the new dataFEED OPC Suite Version 5.00

1.10.2 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.10.3 New or enhanced features

- ❒ Support for OPC UA Store And Forward Server Side
  Buffering of data in case of broken connections between dataFEED OPC Suite UA Server and OPC UA Clients and automatic transmission once connection has been re-established
- ❒ Support for Multiple OPC UA User
  Possibility to use up to 5 OPC UA User for each OPC UA Endpoint
- ❒ Certificate generation based on OpenSSL
  Previous versions of the product are using Certificate Generation Software from OPC Foundation on certificate generation process. The Configurator generates now the application certificates by using the OpenSSL library.
- ❒ Support for new OPC UA Security Policies
  Possibility to use now the newest security policies for OPC UA Connections.
  Aes128Sha256RsaOaep, and *Aes256Sha256RsaPss*
- ❒ Support for Persistent Namespace Index
  Possibility to persist the namespace indexes - adding or removing new connections will not change the namespace index.
- ❒ New Version of OPC UA LDS Server
  A new Version 1.03.401 of the LDS Server from the OPC Foundation was integrated.
- ❒ Certificate Lifetime changed (ID 4314)
  The Lifetime for the OPC UA Application Certificates created by the Configurator was changed to 5 years.

1.10.4 Bug fixes

- ❒ **ID 4103** B&R Filter doesn't work correctly
- ❒ **ID 4105** dataFEED Namespace Identifier is not possible with "urn:"
- ❒ **ID 4139** Port Scan&DDoS attacks cause runtime crash
- ❒ **ID 4148** Namespace arrays contains “not conform" values
- ❒ **ID 4150** False information are exposed on OPC UA Server Namespace 0

- ❒ **ID 4536** OPC UA Service Groups are not correct exposed on OPC UA Server
- ❒ **ID 4777** Security certificate generation failed for OPC UA Server Module

1.11 Changes in Release 4.80

1.11.1 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.11.2 New or enhanced features

- ❒ Support for Multiple OPC UA User
  Possibility to use up to 5 OPC UA User for each OPC UA Endpoint
- ❒ Certificate generation based on OpenSSL
  Previous versions of the product are using Certificate Generation Software from OPC Foundation on certificate generation process. The Configurator generates now the application certificates by using the OpenSSL library.
- ❒ Support for new OPC UA Security Policies
  Possibility to use now the newest security policies for OPC UA Connections.
  Aes128Sha256RsaOaep, and *Aes256Sha256RsaPss*
- ❒ Support for Persistent Namespace Index
  Possibility to persist the namespace indexes - adding or removing new connections will not change the namespace index.
- ❒ New Version of OPC UA LDS Server
  A new Version 1.03.401 of the LDS Server from the OPC Foundation was integrated.
- ❒ Certificate Lifetime changed (ID 4314)
  The Lifetime for the OPC UA Application Certificates created by the Configurator was changed to 5 years.
- ❒ Support for PostgreSQL databases
  Implementation of fully support for PostgreSQL databases inclusive upper-lowercase support
- ❒ Operation Limits on OPC UA Client Connections
  Possibility to configure Operation Limits on connection to a OPC UA Server as data sources.
- ❒ Thread handling of the add-ons actions like database, file, exchange, REST was changed to avoid blocking situations
- ❒ Support for Siemens SIMATIC Software Controller (S7-1507SF) Version 21.8 und 21.9
- ❒ Softing OPC UA SDK Version 5.66.1 was integrated (solves CVE-2021-40871 and CVE-2021-40873)

- **ID 2362** Possibility to configure a delay between an establishment of an AE Connection and the creation of subscription
- **ID 3705** Extension of variable trigger with "since last value"
  Expansion of the variable trigger in LE/FE/CHD with new option: since last value
- **ID 3308, 3589** Support for BaseDataType “variant” variables on data source OPC UA Server
- **ID 4417** Possibility to switch Boolean values -1 (as true) to 1 on data destination file
- **ID 4897** Extended Logging with additional information like configuration is running as service/application, start/stop time, ...
- **ID 4133** Access Rights for Local Items
  Possibility to define the Access Rights for the Local Items
- **ID 2676, 5409** Continuous Validation of Items (data points) used on OPC Classic DA (internal or external) Subscriptions.
  The item validation operation is possible being executed at runtime while running not exclusively on initialization procedure for all the internal subscriptions and item subscribe operation for external subscriptions.
- **ID 4141, 5325** Application Start Up Parameters are not stored permanently.
  The Parameter are now stored in the configuration.
- **ID 5010** Re-organization of advanced (hidden) parameters settings.
  A set of advanced and hidden parameters become configurable.
- **ID 5264, 4021** Implementation of performance profiles for OPC UA connections.
  Possibility to configure performance profiles for the OPC UA connections to an OPC UA Server.
- **ID 4022** Possibility to configure the maximum number of OPC UA Browse elements via the Configurator
- **ID 5573, 5552** Support of OPC UA "Default" data type of KEPServerEX Version 6.10 (Ticket: 4710)
- **ID 7735** S7-2 Protocol encryption key exchange mechanism improvements. Parallel connection is no longer needed.
- **ID 7856** Support for Siemens SIMATIC S7-PLCSIM Advanced
- **ID 7929** Handling of 7-2 protocol request timeout for fragmented data was improved
- **ID 4524** Data destination OPC UA Client the two options “WriteFiltering” and “EnableValueConversions” are now configurable via the Configurator
- **ID 4537** Possibility to disable the creation of address space on namespace 0 (diagnostics nodes)
- **ID 4539** Possibility to expose the Client Certificate page directly from data source UA Server connection main page
- **ID 4542** New trace level to the tracing mechanism (Value-Tracking)
- **ID 5217** Possibility to enable “buffer receive extension” (Browse request takes too long via OPC Tunnel)

1.11.3 Bug fixes

- ❒ **ID 1263, 1350, 1744, ,5452, 5453** OPC Classic Asynchronous Read is not correctly working
- ❒ **ID 3935, 4755** Application cannot be stopped
- ❒ **ID 5042** dataFEED OPC Suite Application crash when stopping the application
- ❒ **ID 5386** Data destination OPC Client is shown as not licensed (Ticket: 20210504-02)
- ❒ **ID 5534** Crash during browse process of external UA server (Ticket: 4070)
- ❒ **ID 5548** Import Step 7 Alias file failed when 'comment' is in the item name (Ticket: 4559)
- ❒ **ID 5561** S7-2 protocol timeout is not working correctly
- ❒ **ID 5563** First value on a subscription is from Cache (old value) (Ticket: 4016, 4940)
- ❒ **ID 5580** Configurator shows on Data Destination MQTT Broker wrong tooltips.
- ❒ **ID 5591** Crash when using B&R Connections (Ticket: 5591)
- ❒ **ID 5596** Address Space shows not all imported Symbols (5628)
- ❒ **ID 5621** S7-2 Connection is not closed correctly after PLC was powered off
- ❒ **ID 5628** OPC UA Server Address Space shows wrong Service Level Value (Ticket: 5628)
- ❒ **ID 5629** Crash when browsing an UA Server (Ticket: 7893)
- ❒ **ID 5632** License Information Overview shows wrong needed License. (Mitsubishi instead of Modbus)
- ❒ **ID 3622** S7-2 protocol: Arrays with a not fix defined length are to completely be browsed
- ❒ **ID 4787** AE Server unknown category error
- ❒ **ID 5239** Browsing problems via s7-2 protocol
- ❒ **ID 5280** Schedule Timer does not work correctly
- ❒ **ID 5304** If show properties of executed items the status changed to “Bad not connected” at tunnel client side
- ❒ **ID 5308** Quality changes to “Bad not connected” if a read operation is executed to external OPC DA Server
- ❒ **ID 5310** S7-2 does not expose integer array
- ❒ **ID 5326** S7-2 connection problems
- ❒ **ID 5367** Alarms and Conditions from JCI MP OPC are not exposed
- ❒ **ID 5504** Browsing the DF DS ABB 800xA OPC DA server sometimes shows recursively structured address space.
- ❒ **ID 5536** Array can’t found at instance Data Blocks (DB.TestError_DB.Inputs.StringArray)
- ❒ **ID 5561** S7-2 protocol timeout expired
- ❒ **ID 5214** CPU usage increases to 100%

- **ID 5313** S7-2 connection get interrupted after every 41 minutes. TIA Log Entry "system initiated session termination".
- **ID 5458** Subscriptions with invalid “OPC Node Ids” are not correctly handled
- **ID 5482** OPC UA Client Connections to OPU UA Server with the default Port 4840 are not working correctly. Log Entry: Bad TcpEndpointUrlInvalid "The Server does not recognize the QueryString specified."
- **ID 4103** B&R Filter doesn't work correctly
- **ID 4105** dataFEED Namespace Identifier is not possible with "urn:"
- **ID 4139** Port Scan&DDoS attacks cause runtime crash
- **ID 4148** Namespace arrays contains “not conform" values
- **ID 4150** False information are exposed on OPC UA Server Namespace 0
- **ID 4536** OPC UA Service Groups are not correct exposed on OPC UA Server
- **ID 4777** Security certificate generation failed for OPC UA Server Module
- **ID 1997, 4672** XML-DA port is always open even if the XML-DA Server or/and the Web Server is deactivated
- **ID 2146** System Items: data source Siemens, PLC status does not work correctly compared to Softing S7/S5 OPC Server
- **ID 2725** Tunnel Server stops running after certain time
- **ID 2366** UA Certificate cannot be created if the Configuration Name is longer as 27 characters.
- **ID 3234** Write on an Item trigger will trigger the action twice
- **ID 3526** Exchange functionality is sometimes slow
- **ID 4040** Problem with the connection timeout of the S7-2 protocol
- **ID 4042** Syntax "MD" is interpreted as UI4 32-bit unsigned integer instead of a real
- **ID 4095** German special characters (Ä,ä,Ö,ö,Ü,ü) are not supported for node id on Siemens S7-2 connections
- **ID 4077, 4190** License is sometimes not recognized correctly
- **ID 4245** Connection to Siemens PLC with S7-2 protocol is interrupted every 6 hours
- **ID 4259** MySQL driver V8.0.15 does not work with dataFEED OPC Suite
- **ID 4322** System Item: PLC status shows incorrect information
- **ID 4377** Data source Modbus is sending queries for different unit ids without waiting for the response to the first query
- **ID 4479** It is not possible to change the option “source identifier” on exchange action
- **ID 4549** dataFEED OPC Suite freezes if the connected Siemens PLCs are offline/down for some certain time when S7-2 Protocol is used
- **ID 4555** OPC UA Client cannot browse data when two S7-2 connections are active

- **ID 4650** ByteArray to ByteString conversion does not work correctly
- **ID 4664** dataFEED OPC Suite freezes after 4-5 hours every day
- **ID 4668** At the Restore/Backup of a configuration it is not possible to select a network share
- **ID 4670** The stored procedure is incorrectly displayed as an SQL statement
- **ID 4671** ODBC driver Version 8.0 is producing Syntax Error for String items
- **ID 4685** The CHD option cannot be selected on a variable trigger for data type Boolean
- **ID 4688** Acting as OPC UA -> OPC Classic Gateway, OPC messages sequence is swapped at special cases
- **ID 4700** OPC Classic Store&Forward connection to Tunnel Server stops working after some time
- **ID 4701** Application crash on port scan
- **ID 4748** Uninstallation does not delete all files
- **ID 4752** At the end of the REST server address, an additional slash "/" was incorrectly added
- **ID 4759** dataFEED OPC Suite crash sporadically when S7-2 Protocol is used
- **ID 4776** At PostgreSQL database connections old sessions are not closed correctly
- **ID 4791** CLX name-based read of a bool variable gets bad quality
- **ID 2891, 3137, 3368, 4083, 4209, 4495**, **4585**, **4621, 4631, 4701, 4820, 4882** dataFEED OPC Suite crashes
- **ID 4021** Browse functionality is not working properly on UA connections to servers with low operation capabilities and big address space
- **ID 4023** Data Source OPC UA Server – Maximum Number of Nodes per Browse requests is not correctly applied on browse operations
- **ID 4892** Random "numeric value" property names or entirely missing properties for specific ABB OPC DA server
- **ID 4972** Data Source DB Read: misinterpreted datatypes on an Item trigger will trigger the action twice
- **ID 4981** Temporary folder created for generation of PKI Store for MQTT connection is not deleted after the PKI store is copied to configuration folder
- **ID 5015** Data Destination Rest Server: The last slash from an URI can not be removed
- **ID 5019** Online Help is open based on Operating System Language and not on the user configured one for dataFEED OPC Suite Configurator
- **ID 5023, 5038** Fallback to 127.0.0.1 for local host resolution if no DNS Server is available,
- **ID 5079** Data Source Siemens: Connections to a Siemens PLC via S7-2 protocol is broken after a few hours
- **ID 5168** Data Source OPC UA Server: Browse to CodeSYS UA Servers is not working because of UA Server operational Limits
- **ID 5193** dataFEED OPC Suite cannot be stopped with special Exchange actions

- **ID 5207** Exchange actions were not correctly deleted
- **ID 4965** UA Server data source - long communication interruption disabling the monitored items on internal OPC UA Client
- **ID 5060** Unstable S7 connections (PLC Status Problem)
- **ID 5199** MQTT Subscriber does not throw any error if the port is also being used by another MQTT Broker on the system.
- **ID 5266** dataFEED OPC Suite crash if the Data Access of one of the subscribed tags is changed in the Rockwell controller from Read/Write to None
- **ID 5277** dataFEED cannot connect to external UA Server after long period of offline time
- **ID 5281** dataFEED OPC Suite crash on Modbus write operation.
- **ID 5301** dataFEED OPC Suite crash if grouping is used in the Modbus syntax.
- **ID 5330** Configurator crash while importing Modbus Symbolic File.
- **ID 5365** Data Source OPC UA Server - Advanced Settings - Incorrect Session Name

1.12 Changes in Release 4.63.1 (Note: The fixes are not included in release 5.00)

1.12.1 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.12.2 Bug fixes

- **ID 2146** System Item: Siemens, PLC status does not work correctly compared to Softing S7 OPC Server
- **ID 4040** Problem with the connection timeout of the S7-2 protocol
- **ID 4095** German special characters (Ä,ä,Ö,ö,Ü,ü) are not supported for node id on Siemens S7-2 connections
- **ID 4245** Connection to Siemens PLC with S7-2 protocol is interrupted every 6 hours
- **ID 4322** System Item: PLC status shows incorrect information
- **ID 4377** Incorrect handling of the device ID at Modbus connections
- **ID 4549** dataFEED OPC Suite freezes if the connected Siemens PLCs are offline/down for some certain time when S7-2 Protocol is used
- **ID 4555** OPC UA Client cannot browse data when two S7-2 connections are active

- **ID 4650** ByteArray to ByteString converting do not correct work
- **ID 4664** dataFEED OPC Suite freezes after 4-5 hours every day
- **ID 4701** Application crash on port scan
- **ID 4759** dataFEED OPC Suite crash sporadically when S7-2 Protocol is used
- **ID 4791** CLX name-based read of a bool variable gets bad quality
- **ID 2891, ID 3368, ID 4495, ID 4631, ID 4701, ID 4882** dataFEED OPC Suite crashes

1.13 Changes in Release 4.61

1.13.1 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.13.2 New or enhanced features

- Timestamp format for data destination File and MQTT Broker
  Implemented possibility to specify the Timestamp format for the data destination File and MQTT Broker

1.13.3 Bug fixes

- **D 4701** Port Scan&DDoS attacks cause runtime crash

1.14 Changes in Release 4.60

1.14.1 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.14.2 New or enhanced features

- Support for MQTT Endpoint functionality
  Possibility to connect IoT Device – MQTT Publisher direct to the dataFEED OPC Suite, without

the need of a MQTT broker.
The new Data Source MQTT Publisher is part of the dataFEED OPC Suite License

- ❒ Backup and Restore includes now the certificates
  Possibility to include in the Backup File the certificates

1.14.3 Bug fixes

- ❒ **ID 4130** UA Client - Application/Product URI contains not allowed/invalid characters
- ❒ **ID 4144** Incompatibility problems with Ascolab .net OPC UA Server and Client
- ❒ **ID 4207** Connections to some Embedded Beckhoff OPC UA Servers cannot be established
- ❒ **ID 4305** Certificates were not deleted from LDS Server when a configuration was deleted
- ❒ **ID 4358** Configurator crashes on REST or MindSphere connection test
- ❒ **ID 4556** Feature Selection Windows was removed after system installation

1.15 Changes in Release 4.51 (Note: The fix is not included in release 4.60, 4.61, 5.00)

1.15.1 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.15.2 Bugfixes

- ❒ **ID 4585** Runtime crashed when forcing remove group on a tunnel connection and bforce flag is set to true.

1.16 Changes in Release 4.50

1.16.1 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- ❒ Windows Embedded 8.1 Industry, Windows 10 IoT Enterprise

1.16.2 New or enhanced features

- ❒ Support for MindSphere Connector functionality
  Possibility to store data from Data Sources like PLC's to the Siemens MindSphere Cloud.
  The new Data Destination MindSphere is part of the dataFEED OPC Suite License.
- ❒ Support for Store & Forward for Data Destination MQTT Publisher
  The MQTT Publisher was extended to support Store & Forward
- ❒ Support for MQTT via Web Sockets
  The MQTT Publisher was extended to support MQTT via WEB Sockets
- ❒ Support for WEB Proxy for Data Destination MQTT Publisher
  The MQTT Publisher was extended to support connections via WEB Proxy.

1.16.3 Bug fixes

- ❒ **ID 3808** Variable trigger: Import and Export are on the wrong page
- ❒ **ID 4143** data FEED OPC Suite cannot be stopped/restarted
- ❒ **ID 4187** UA Client - translate browse path to node ids having an unsupported data types providing a node which was not usable
- ❒ **ID 4206** Application hangs when unsubscribing a high number of items
- ❒ **ID 3866, ID 4001, ID 4167, ID 4242, ID 4272, ID 4283** The Application crashes

1.17 Changes in Release 4.49

1.17.1 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- ❒ Windows Embedded 8.1 Industry

1.17.2 New or enhanced features

- ❒ Support for Siemens SIMATIC S7-1200 firmware V04.02.03 and S7-1500 firmware V02.06.0
  Possibility of using SIMATIC S-7-1200 with firmware V04.02.03 and S7-1500 with firmware V02.06.0 as of TIA version 15.1.

1.18 Changes in Release 4.48

1.18.1 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10

- ❒ Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- ❒ Windows Embedded 8.1 Industry

1.18.2 New or enhanced features

- ❒ Toolbar for Main Functions
  Implemented a Toolbar for the main functions like start, stop, save…
- ❒ Timer Trigger for Exchange
  Possibility to use timer trigger for the data exchange
- ❒ UA Server – VQT filter option
  Possibility to use VQT filter attributes at OPC UA write operations
- ❒ Not sending Initial Values to database0
  Possibility to not send the initial values (OPC BadWaitingForInitialData) at a startup.
  This option is configurable via Configurator at Settings – Advanced – Send Initial Value
- ❒ UA Server – VQT filter option
  Possibility to use VQT filter attributes at OPC UA write operations
- ❒ Siemens RFC 1006 Address Space Import Wizard
  Allow the possibility to import directly under the root node with/without the deletion of current address space even if the selected node is not the connection root node.
- ❒ New Version of dataFEED OPC UA Client und Demo Server
  dataFEED OPC UA Client and OPC UA Demo Server were updated to Version 4.44
- ❒ New Version of OPC UA Discovery Server
  OPC UA Discovery Server was updated to Version 1.03.371
- ❒ New Version of Softing License Manager
  Softing License Manager was updated to Version 4.30

1.18.3 Bug fixes

- ❒ **ID 946** AE Server connections with prefix on the server side are not handled correctly
- ❒ **ID 2355** UA calls for TranslateBrowsePathToNodeId are not working for XML-DA and Rockwell SLC connections
- ❒ **ID 2687** Browse CLX device at startup doesn't work correctly
- ❒ **ID 3045** OPC Classic client fails to subscribe to variables with special characters in identifier from OPC UA server
- ❒ **ID 3337** Browsing a UA connection which contains variables having as data type a multidimensional array (matrix)
- ❒ **ID 3338** UA Client - translate browse path to node ids having an unsupported data types providing a node which was not usable
- ❒ **ID 3342** UA Client - IO operations are not supported for arrays of Integer, Number and UInteger

- **ID 3344** UA Client - Items which containing "|" character can’t be validated over a OPC Tunnel Connection
- **ID 3353** Configurator - Recursive browse is going into an infinite loop while hierarchical references are between different node types
- **ID 3541** Incompatibility issues with Citect OPC Server
- **ID 3604** Write of String values which containing special characters (üöä) using the S7-2 Protocol are not correctly written
- **ID 3774** Compatibility issues with LDS version 1.03
- **ID 3838** MQTT – Exchange: to many values were published
- **ID 3899** Add-ons like database items were written twice
- **ID 3943** Crash when deleting Local Items
- **ID 3966** Configurator – REST parameters, from REST action bodies and headers, cannot be edited or deleted if the Key contains the "/" character.
- **ID 3981** Local item default values for datatypes UI4 and UI8 cannot be set in the configurator
- **ID 3985** Configurator crashes when adding Variable Trigger with the same name as a Timer Trigger

1.19 Changes in Release 4.47

1.19.1 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- Windows Embedded 8.1 Industry

1.19.2 New or enhanced features

- Variable Trigger for Add-Ons
  Possibility to use variable & flexible trigger for the Add-ons like data destination database.
- MQTT Time Zone
  possibility to select a time zone for MQTT connections.

1.19.3 Bug fixes

- **ID 2402** Configurator problems on Full HD Ultra Wide screens
- **ID 2989** German character improperly displayed when importing .sdfi file
- **ID 2990** Import .sdfi File - missing data blocks after import
- **ID 2991** Global Save shortcut doesn't work while Tunnel/OPC Server main widget is active

- **ID 2999** Start runtime takes a long time if configuration includes unreachable plc connections
- **ID 3000** Runtime crashed when starting a configuration with unreachable plc connections
- **ID 3050** Wrong look and feel of Configurator running on Windows 10 with factor scale > 100%
- **ID 3290** Very fast unsubscribe/subscribe operations will freeze the data changes
- **ID 3312** Time zone settings are not applied correctly for REST Client connections
- **ID 3330** Private key fields appear when configuring a MongoDB connection
- **ID 3347** UA Client - Connection “Lost Notification” is not sent to monitored items
- **ID 3436** Advanced exchange action can`t be switch back to "simple" exchange action
- **ID 3440** Text is cut in Export MQTT Topics wizard
- **ID 3631** Exchange: The bottom scroll bar for LocalNamespace box doesn't appear
- **ID 3648** Crash when stopping the application
- **ID 3649** S7-02 connection doesn't export all data-types correctly
- **ID 3693** Runtime crashed with advanced exchange actions
- **ID 3711** Connect and refresh on S7-02 filtered connections doesn't retrieve address-space
- **ID 3738** S7-2 protocol memory leak
- **ID 3752** Data Source OPC UA: quality doesn't change when the destination is not available
- **ID 3796** Memory leak with invalid S7-02 connections
- **ID 3800** Configurator freezes when adding an exchange action
- **ID 3801** Data changes not received for UA byte arrays
- **ID 3809** Add-ons actions not executing unless the item is subscribed
- **ID 3853** MQTT: Performance problems
- **ID 3869** UA items are not validated after a reconnect

1.20 Changes in Release 4.45

1.20.1 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- Windows Embedded 8.1 Industry

1.20.2 New or enhanced features

- ❒ Support for Siemens SIMATIC S7-1200 and S7-1500 with optimized data blocks
  Possibility to access data from Siemens SIMATIC S7-1200 and S7-1500 controllers with optimized data blocks.
- ❒ Support for online browsing of SIMATIC S7-1200 and S7-1500
  Possibility to browse the symbols online from the Siemens SIMATIC S7-1200 and S7-1500 controllers.

1.20.3 Bug fixes

- ❒ **ID 3045** OPC Classic client fails to subscribe to items with special characters at the OPC UA Server identifier
- ❒ **ID 3454** Crash in MQTT library

1.21 Changes in Release 4.40 Patch 1

1.21.1 Supported Operating Systems

- ❒ Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- ❒ Windows Embedded 8.1 Industry

1.21.2 New or enhanced features

- ❒ Support for REST Client functionality
  Possibility to store data from Data Sources like PLC's to a REST Server.
  The REST Client functionality is part of the dataFEED REST Connector or dataFEED OPC Suite License.
- ❒ Support for NoSQL Database functionality
  Possibility to store data from Data Sources like PLC's to a NoSQL Database.
  Supported Databases: MongoDB, couchDB
  The NoSQL functionality is part of the dataFEED OPC Data Handler or dataFEED OPC Suite License.
- ❒ Single namespace on UA Server data destination
  Possibility to expose all the configured Data Sources in a unique namespace over data destination OPC UA Server
- ❒ MQTT Messages including Item ID
  Support for sending the source item id on advanced exchange actions with MQTT items

- Extended MQTT Client ID
  Support for Client ID's with more than 23 characters

1.21.3 Bug fixes

- **ID 1730** Modbus multi write of bytes is sometimes not working correctly
- **ID 2572** Multi write with byte mask is sometimes not work correctly
- **ID 2666** Memory leaks on PLC and MQTT connections
- **ID 2765** S7 String Arrays conversion from older configuration arrays is not working correctly (data, s5time, data and time)
- **ID 2773** Data Source OPC UA Client doesn't support all basic datatypes from the Siemens OPC UA Server (S7-1500)
- **ID 2801** Wrong log entry when a Data Destination database write connection is disabled
- **ID 2809** dataFEED OPC Suite runtime crashed in MSVCR100.dll
- **ID 2887** Data Source database read wrong translation at the context menu activate/inactive
- **ID 2945** dataFEED OPC Suite can not be started
- **ID 3035** Tray Application is not restarted automatically with Administrator rights
- **ID 3054** OPC UA Server certificates are re-generated unexpectedly
- **ID 3134** Data Source Database Read actions are not executed with Microsoft Access
- **ID 3197** Configurator hangs during MQTT topics export

1.22 Changes in Release 4.30

1.22.1 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- Windows Embedded 8.1 Industry

1.22.2 New or enhanced features

- Support for database read functionality
  Possibility to read values from a database and write the values to a data source like a PLC.
  The database read functionality is part of the dataFEED OPC Data Handler License.
- MQTT with Security
  Possibility to use SSL for the MQTT connections.

1.22.3 Bug fixes

- **ID 1289** - Addon Database: Wrong datatypes are shown in the configurator
- **ID 2443** - Configurator Database: it is not possible to configure a database connection without the date and time part
- **ID 2590** - DataFEED uninstall process does not delete MQTT libraries
- **ID 2608** - dataFEED configurator crash when switching language
- **ID 2661** - MQTT connection could not be reestablished for IPv6 broker URI
- **ID 2688** - Clx browsing with configurator doesn't work

1.23 Changes in Release 4.31 Patch 2

1.23.1 Supported Operating Systems

- Windows 7, Windows 8, Windows 8.1, Windows 10
- Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- Windows Embedded 8.1 Industry

1.23.2 New or enhanced features

- Alarm&Events - Configurable delay in requesting the area space
  Connecting to an Alarm&Events Server and requiring the area space definition is going into an unpredictable state - the server is responding with a partial area space due the reason that the initialization is not completely done.
  There were implemented a configurable delay time between connect and get area space operations

1.23.3 Bug fixes

- **ID 2666** Memory leaks reported on PLC and MQTT connections.
- **ID 3035** OSF Tray is not restarted automatically with Administrator access rights when required.

1.24 Changes in Release 4.31

1.24.1 Supported Operating Systems

- Windows XP, Windows 7, Windows 8, Windows 8.1, Windows 10

- ❒ Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- ❒ Windows Embedded 8.1 Industry

1.24.2 New or enhanced features

- ❒ Supporting String Array
  Possibility to read/write sting arrays from Siemens SIMATIC S7 Controller
- ❒ Timestamp format for data destination File
  Implemented possibility to specify the Timestamp format for the data destination File.
- ❒ OPC UA Certificate Manager
  Implemented Certificate Manager for data destination OPC UA Server
- ❒ Support for Symbol Segment (Tag Name) Addressing to Rockwell CLX PLC's
  Implemented possibility to use Symbol Segment (Tag Name) Addressing as access mode for Rockwell CLX PLC's

1.24.3 Bug fixes

- ❒ **ID 2807** Data source Database Read does not send continuously values to data source OPC Server
- ❒ **ID 2702** Bool values are not converted from OPC DA to OPC UA
- ❒ **ID 2404** dataFEED deliver a wrong Value after write
- ❒ **ID 2741** Configurator: Configuration rename generates an inconsistent configuration
- ❒ **ID 2627** Wago Symbol File import doesn't work

1.25 Changes in Release 4.22

1.25.1 Supported Operating Systems

- ❒ Windows XP, Windows 7, Windows 8, Windows 8.1, Windows 10
- ❒ Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
- ❒ Windows Embedded 8.1 Industry

1.25.2 New or enhanced features

- ❒ **ID 1674** Support for check PLC connections.
  Possibility to check the connection status of a PLC connection using the Configuration Tool. The testing of the connection is available for the following PLC families:

- Siemens (S7, S5, netLink Pro, Send/Receive)
- Rockwell (Compact / Controll Logix, SLC / PLC5)
- Modbus TCP
- Mitsubishi Melsec Q

❒ **ID 1693** Support for configuring the monitored items into Web Server.
Posibility to manualy configuring (using the Configuration Tool) the items which are automatically subscribed/monitored into the Web Server.

❒ **ID 1876** Configurable namespace delimiter for all supported data sources and destinations.
Possibility to configure the namespace delimiter for all supported data sources. This is configurable using the Configuration Tool and applicable for all supported data sources and destinations. Also, this is applicable online for all defined data processors.

In addition this functionality can be applied to an already existing configuration.
All exposed destinations are using the configured namespace delimiter:
- OPC Classical DA/XML-DA and Tunnel
- OPC UA
- 2File/2Database

❒ **ID 1888** Support for initial/default value and quality for local items.
Possibility to initialize a local item with a configured value and quality (previous version is initializing all defined local items using NULL as value and OPC_BadWaitingForInitialData(0x20) as quality).
The initial/default value is allowed being defined only for non BAD qualities.

❒ **ID-2027** Support for USInt and UDInt into the importing TIA files.
The parser of sdfi file extended in order to support these data types.

❒ **ID 2129** Support for static/filtered B&R connections. Possibility to apply a filter on B&R connections.
The following functionalities were implemented:
- address space filtering: exposing only partially address space of the connected B&R device.
- address space altering: exposing a user defined hierarchy.

❒ **ID 2208** Support for full range on Rack/Slot setting (TSAP).
Possibility to define a Rack/Slot (own TSAP) using the full supported range:
- Slot: 0-F
- Rack: 0-1F

❒ **ID 2219** Evaluation of conditions executed for items used inside the actions.
The evaluation of the defined condition was extended in order to not being executed only for items defined in trigger items, the evaluation extended also for items used in actions.

❒ **ID 2306** 2File add-on different time format
Possibility to set the time localization (UTC or Local) for 2 File add-on

❒ **ID 2384** Also, on the visualization UI the values are using decimal display instead on hexadecimal display.

❒ **ID 3133** Display the set of licensed required for used defined configuration.
Possibly to visualize the set of required licensed for a defined configuration.

❒ Support for Translate Browse Paths to Node Ids for not validated stating nodes.
Possibility to call translate browse paths to node id for starting nodes which are not already validated.

1.25.3 Bug fixes

- ❒ **ID 1350** Read from cache is not possible for B&R connections
- ❒ **ID 1694** Configurator tools crashing on browsing Leatus OPC Server
- ❒ **ID 1715** Crash on multiple subscribe/unsubscribe operations
- ❒ **ID 1717** UA Server Endpoint should contain correct Hostname for configuration1 (instead of localhost)
- ❒ **ID 1788** Runtime crashed by monitoring special items over tunnel connection
- ❒ **ID 1808** Special characters Ö,Ü are not handled correctly
- ❒ **ID 1879** Specific S7 Project can't be imported.
- ❒ **ID 1881** Run-time crashes when performing write calls and stressful subscribe\unsubscribe
- ❒ **ID 2074** Application crash Exchange functionality.
- ❒ **ID 2091** Crash on subscribing a big number of items
- ❒ **ID 2148** Crash on reading values from cache for PLC connections
- ❒ **ID 2151** Memory consumption on successive browse operation for B&R connections.
- ❒ **ID 2177** Crash on activation/deactivation of a group containing a big number of items
- ❒ **ID 2178** Crash on browsing the Resotec OPC Server
- ❒ **ID 2181** Write fails with same transaction ID for two different items
- ❒ **ID 2183** Issues on simultaneous write operations
- ❒ **ID 2186** Installation error of B&R components
- ❒ **ID 2187** Problems on stopping/restarting application
- ❒ **ID 2191** Installation error on Windows 7 Enterprise SP1
- ❒ **ID 2224** Request invalidated for Modbus connections on system items using Unit Ids.
- ❒ **ID 2257** Extended ASCII characters are not transported correctly over PLC connections
- ❒ **ID 2270** Initial quality being reported as BAD after registering an item on Siemens connection
- ❒ **ID 2273** DataFEED crash on tunnel connection
- ❒ **ID 2275** Memory leaks on monitoring System items
- ❒ **ID 2287** Application crash when Tunnel port is used by other application/instance
- ❒ **ID 2288** Local items can't be initialized with a OPC UA client
- ❒ **ID 2290** The Configuration tool is crashing while trying to receive the activated licenses
- ❒ **ID 2298** UDT symbols not imported from TIA project
- ❒ **ID 2303** Configuration Tool crashing on importing a specific alias file.
- ❒ **ID 2304** Crash on dataFEED Tunnel communication
- ❒ **ID 2319** Crash on rebrowsing Zenon OPC Server.

- **ID 2322** DataFEED tunnel crash on accessing Schneider Electric OPC Serve factory.
- **ID 2328** Memory leaks discovered on validate service call for "invalid" items
- **ID 2330** String values contain special characters (German) are not handler correctly
- **ID 2331** Not all tags are imported from a TIA project file.
- **ID 2341** Configurator tool crash on Windows 8.1 x64 - when changing items properties on MQTT connections
- **ID 2344** The HASP driver fails to install and deinstall while dongle is plugged in
- **ID 2362** Exception when stop run-time with Exchange actions are activated
- **ID 2363** Exception when stop run-time when Exchange and ToFile are activated
- **ID 2364** The 2File action writes in the file even though the item trigger is static
- **ID 2392** Retry mechanism for items validation does not work properly on UA Server connections
- **ID 2406** Parameter SEPARATOR_SEMICOLON can’t be backup and restored
- **ID 2408** Performance issues on accessing CLX devices
- **ID 2410** Application crash on using item ids longer than 256 characters for UA connections
- **ID 2454** Crashes if syntax item is longer than 256 characters (Demo Client)