



Release Notes

dataFEED Secure Integration Server

Version	Date	Release Notes
V1.22.0	14.05.2020	<p>New Features:</p> <ul style="list-style-type: none">• Notification E-Mail Alert feature, providing the possibility to configure the alerts (details of the email, messages, selection of triggers) and to automatically send alerts according to the configured rules• Filter Endpoint Descriptions based on the port the request is performed• OPC UA Timestamp normalization <p>Improvements:</p> <ul style="list-style-type: none">• Configurable Lifetime for Application Certificates• Edit a user direct from the endpoint user menu• Remove Admin User from OPC UA User Group <p>Open source components:</p> <ul style="list-style-type: none">• Nginx v1.14.0• cURL v7.69.0.0• xlib v1.2.11.0• OpenSSL Toolkit v1.1.1.4• Jsoncpp v1.20• libfcgi v2.4.1
V1.20.0	21.02.2020	<p>New Features:</p> <ul style="list-style-type: none">• Creation of Mapped/Companion Address Spaces (up to 55 address spaces, depending on the license context) based on the import of external Nodeset Xml2 files• Full integration of the Mapped/Companion Address Spaces with the exposing of the address space to the defined endpoints/users and filtering features• Support of OPC UA services for browsing, reading, writing and method calls targeting the Static Address Spaces nodes• Complex (structured) data types access• Added time-limited (72 hours) demo mode (no license required)• Added the possibility to activate Maintenance License <p>Improvements:</p> <ul style="list-style-type: none">• Better handling of the endpoints access protection feature• Certificates details present in various places in GUI are more detailed• OPC UA namespaces URI are now generated compliant to the standards• Relaxed address space export policy regarding the missing attributes on the remote servers• Changed the initialization of OPC UA packets sequence number to



		<p>overcome interoperability issues with certain servers</p> <p>Open source components:</p> <ul style="list-style-type: none">• Nginx v1.14.0• cURL v7.50.3.0• xlib v1.2.11.0• OpenSSL Toolkit v1.1.1.4• Jsoncpp v1.20• libfcgi v2.4.1
V1.12.0	05.06.2010	<p>New features:</p> <ul style="list-style-type: none">• Subscribe access right changes have immediate effect on existing Monitored Items (not only on future ones).• Monitored Items can be created on variables for an underlying server that is not currently available, and they will get connected when the server becomes available.• Possibility to configure performance parameters for the connections to the underlying servers, to allow interoperability with underlying servers that are very limited in performance. <p>Improvements:</p> <ul style="list-style-type: none">• Better notifications for Monitored Items when their connection to the underlying server changes state.• Possibility to control if monitored items created by distinct clients for the same variable are merged or not.• Integrated Toolkit 5.58, using UA node set of UA specs 1.04 and certified UA compliant.
V1.10.0	31.01.2019	<p>New features:</p> <ul style="list-style-type: none">• Address space filtering allows now to specify allowed UA services for each node.• Automatic configuration backup. <p>Improvements:</p> <ul style="list-style-type: none">• Better compatibility with some UA servers: allows to specify an alternate discovery URL, allows empty nonce if configured so.• GUI improvements.
V1.02.0	11.09.2018	<p>New features:</p> <ul style="list-style-type: none">• Certificate authentication token, both for incoming and outgoing UA connections.• Support for <i>Aes128Sha256RsaOaep</i>, and <i>Aes256Sha256RsaPss</i> security policies.• Users for outgoing UA connections (to underlying servers) are now in the unified user list.• Possibility to quickly create a test UA connection to a remote server and display diagnostic information about it.• Integrated on-line and off-line licensing against Softing licensing server.
V1.01.0	25.05.2018	<p>New features:</p> <ul style="list-style-type: none">• Added on-line help.



V1.00.0	13.04.2018	<p>First release of dataFEED Secure Integration Server (dataFEED SIS) for Windows.</p> <p>Features:</p> <ul style="list-style-type: none">• Aggregates up to 100 UA Servers.• Creates one or more address spaces containing the nodes from these servers.• Exposes the address spaces through up to 50 UA endpoints.• Allows to configure which nodes of which address space is available to each UA user on each endpoint, and which UA services are allowed.• Maintains a unified list of users, for administration and for UA authentication, both for incoming and outgoing UA connections.• Supports <i>opc.tcp</i> and <i>https</i> endpoints, non-secured, sign, and sign-and-encrypt security modes, <i>Basic128Rsa15</i>, <i>Basic256Sha</i>, <i>Basic256Sha256</i> security policies.• <i>Anonymous</i> and user + password authentication tokens• Browse, read, write, method call, and subscribe to data. Subscription support has some limitations derived from the way subscriptions from multiple UA clients for the same variable on an underlying server are merged.
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