

## Release Notes

# edgeAggregator

Version 2024.01

19/ April / 2024

Product	Deliverable	Version	Date
edgeAggregator	softingindustrial/edgeaggregator	V2024.01	19.04.24

## 1 Important Notes

**Due to a change in the license mechanism, previous licenses will not work. A new license called “edgeConnection” should be used starting from V2024.01.**

## 2 New or enhanced features

- Product versioning mechanism updated.
- Simplified new License Model based on OPC UA Client connections called “edgeConnections”.  
New Licenses are counted per Connection at the Softing Floating License Server. The edgeConnections variants are:
  - LRL-XX-161001 edgeConnection – Perpetual License
    - Includes 1 year of Software Upgrades.
  - LMA-XX-161001 edgeConnection – Software Upgrade License
    - Entitles 1 year of Software Upgrades for consecutive years.
- General GUI improvements
- HTTPs GUI webpage is used as default.
- HTTP GUI webpage only activated manually through an ENV variable.
  - ENABLE\_HTTP\_CONFIG = True
- Improvements of the MQTT Publisher Datasets.
- Added support for one dimension Array variables writing via MQTT (as part of subscriber functionality).
- Cache the MQTT trigger variable value if used in the payload and use it in the dataset creation.
- General bug fixes.

Product/Component	Image name	Tag	Date
edgeAggregator	softingindustrial/edgeaggregator	V3.80	19.01.24

## 1 New or enhanced features

- ARM32 bit support
- Running Platform Architecture shown in the GUI.
- Running Platform Architecture shown in the Log files at start-up.
- LM-X License Server updated to V5.5.

## 2 Bug Fixes

- ID 883:** SIS Starts in halted mode after rebooting the PC/Server.
- ID 970/987:** MQTT Module sending "NULL" values.
- ID 980:** License Server Configuration not confirming saved changes.

## 3 Known issues/limitation

- edgeAggregator V3.80 requires Softing License Server V4.63 to license the product. No backward compatibility with previous Softing License Server versions.

Product/Component	Image name	Tag	Date
edgeAggregator	softingindustrial/edgeaggregator	V3.70	17.10.23

## 4 New or enhanced features

- Implementation of Security Features implemented in SIS V1.30

## 5 Bug Fixes

- ID 677:** Rest interface stops responding on reads from multiple MQTT connections.
- ID 879:** Mismatch between OPC UA Common Name certificates and the edgeConnector version.
- ID 955:** MQTT Advanced Trigger break after a change in the settings.

## 6 Known issues/limitation

- None

Product/Component	Image name	Tag	Date
edgeAggregator	softingindustrial/edgeaggregator	V3.50	19.06.23

## 7 New or enhanced features

- ARM 64 bits support
- Automatic session logout: 15 minutes
- Admin password change request at first sign-in.

## 8 Bug Fixes

- ID 593:** LM-X server issue - REPLACE directive licenses not working properly.

## 9 Known issues/limitation

- ID 821:** PSIRT 2023-03 Session Theft due to XSS
- ID 822:** PSIRT 2023-04 Loading Remote Javascript Scripts

Product/Component	Image name	Tag	Date
edgeAggregator	softingindustrial/edgeaggregator	V3_40	09.02.23

## 10 New or enhanced features

- LDAP/LDAPS support for HTTP/HTTPS users validation
- Support for metric information providing data to Prometheus
- Logging for Kubernetes
- Support for MQTT V5
- Support for MQTT store and forward
- Support for MQTT trigger with logical operations (LUA editor)
- Support for MQTT Trigger with logical operations at bool items
- Extension of the MQTT Subscriber functionality to enable the target data point definition for the use of dynamic placeholders
- Extension of the MQTT Publisher functionality to enable the Source data point definition for the use of dynamic placeholders
- Extension of the MQTT Publisher/Subscriber functionality to use an incoming MQTT Message (Subscriber) as a Trigger for an outgoing MQTT Message (Publisher)
- Support for MQTT Authentication with Certificate Chain

## 11 Bug Fixes

- ID 164:** Deadlock when a publish request payload is modified
- ID 310:** Error message does not match on Confirm password input field
- ID 666:** GUI headers are shown as untranslated
- ID 671:** MQTT config file is not parsed correctly when a new subscribe request with an empty payload definition is created
- ID 672:** JSON validation fails with special characters
- ID 673:** Inconsistent address space tree information at MQTT publisher and subscriber
- ID 674:** Rest API allows configuration of Subscribe request with empty Key for the Key: Value pair is not working correctly
- ID 681:** GUI does not respond after trying to edit a connection which has "PersistanceInFS" enabled
- ID 682:** Exception when switching publish mode to "Data Point Triggered"
- ID 683:** Changing the triggering subscribe request for an MQTT publisher has no effect

- ID 685:** The information shown for selecting the MQTT Trigger source is NOT READABLE
- ID 686:** The default MQTT Trigger Request selection is a dummy option
- ID 687:** Error message on trying to save a publisher without selecting the MQTT Trigger request
- ID 693:** MQTT Message Triggered publish mode copies the payload from standard triggered mode
- ID 699:** Placeholder appears in the template, but not defined when copy/paste a valid payload in the payload definition
- ID 702:** Payload nodes are not in the same order as in the double-clicked/drag and dropped folder

## 12 Known issues/limitation

- ID 27:** Denial of Service on web interface by deleting the user's authentication token
- ID 29:** Navigation Button does not work, when already selected in navigation panel
- ID 89:** Unreachable license server blocks GUI for about two minutes
- ID 215:** MQTT - ActiveAlarmJson: Publish request is send multiple times with empty alarm array
- ID 241:** Endpoint Thumbprint is changing after backup/restore
- ID 248:** Endpoint URL showing host name after import configuration
- ID 542:** The sampling interval for the second monitored item on the same variable is not correctly handled
- ID 543:** Monitored items for MQTT publish requests are not deleted properly in specific circumstances
- ID 545:** Monitored items cannot be deleted after a user is removed from an UA endpoint
- ID 586:** MQTT Publisher is not publishing after backup restore until a restart of the application is made
- ID 636:** Application Certificates for Mqtt Connections are not displayed correctly
- ID 642:** generation of the automatic backup generation is not working correctly in a certain scenario
- ID 643:** OPC UA Monitored items are not handled correctly if the session closes while they are being created
- ID 644:** The audit log doesn't trace failed authentication attempts correctly
- ID 659:** Creation of a MQTT user, shows an exception at Certificate generation
- ID 800:** Additional authentication with the same user do not logout the first one
- ID 811:** The REST call for system restart should not return before the system restart is actually initiated