

vNode v1.21.10

Release Notes

Fixes, changes and features in vNode.

Released July 10, 2024

Bootstrap (v.1.42.1)

Change	Description
Improv.	Added Delta aggregation method for historical data.
Improv.	Added a new "Hosts" field to include the Subject Alternative Names (SANs) in the CSR form.
Improv.	LDAP connection error is shown after an incorrect password is entered and the LDAP server is not reachable.
Fix	Fixed an issue while getting username on servers not actively notifying it.
Fix	Fixed an issue where LDAP users were skipped when there was an LDAP group configured in the User/Group configuration.
Fix	Solved an issue where the configuration files between two redundant nodes may stop synchronizing.
Fix	Fixed historization method has been deprecated.

BACnet Client (v.1.1.3)

Change	Description
Improv.	"Create" button now appears disabled when no device is selected.
Improv.	In the browser view, now a device is re-browsed every time is chosen in the drop down menu.
Improv.	Browser view now hides properties not returned by the container object.

Data Exporter (v1.8.0)

Change	Description
Improv.	Added the option to choose the format of the tag values in the output file.
Improv.	Removed external dependencies.

Derived Tags (v1.6.0)

Change	Description
Improv.	Information from remote links is now available in node tags.
Improv.	Added Standard Deviation to Aggregated tags.
Improv.	Added Custom Aggregation to Aggregated tags.
Improv.	Added write operations to Redundant tags.
Improv.	Added write operations to Alias tags.
Improv.	Removed decimals limit for Good aggregation method.
Improv.	Removed external dependencies.
Fix	Expression option included in all missing inputs.
Fix	The average function now excludes bad-quality intervals from its calculations.
Fix	A dropdown menu has been added to the cron expression editor with default values.

DLMS Client (v1.2.4)

Change	Description
Improv.	Improved received data blocks management.
Improv.	Invalid data objects are presented as unknown instead of stopping the Association view retrieval.
Fix	Handle incorrect values reading clock objects.

Fleet Manager Client (v.1.1.3)

Change	Description
Improv.	Improved mutual TLS connection to FleetManager.

Hisotiran (v1.18.1)

Change	Description
Improv.	Added "Delta" mode in data retrieval.
Improv.	Added "Standard Deviation" mode in data retrieval.
Improv.	Data values improved for aggregated data retrieval.
Improv.	Increased performance when inserting new tags.
Improv.	Increased performance when inserting samples.
Improv.	Backup tags collection when renaming tags.
Improv.	Allow concurrent Historians pointing to the same database.
Fix	Removed deprecated information from help.
Fix	Removed invalid value in "First" aggregation mode when sample timestamp matches the init of the interval.
Fix	Allow expressions in the enable authentication input.

Modbus Client (v.1.21.6)

Change	Description
Fix	Fixed tag configuration error when masked by another error.

MQTT Client (v.1.11.0)

Change	Description
Improv.	Added file path option for digital certificates.
Improv.	Improved Store&Forward data synchronization between redundant nodes.
Improv.	Removed external dependencies.

Notifier (v.1.2.0)

Change	Description
Improv.	Added support to provide a specific CA certificate.
Improv.	Added the option to accept unauthorized certificates.
Improv.	Removed external dependencies.

OPC UA Client (v.1.15.5)

Change	Description
Improv.	Allow multiselection in the OPC browser.
Fix	Solved an issue where monitored items may not be created after publishing engine timeout.

OPC UA Server (v.1.12.0)

Change	Description
Improv.	Removed external dependencies.
Fix	Fixed error when retrieving historical data (HA) in float 32 format.
Fix	Fixed an issue when retrieving historical data (HA) with timeout hint equal to 0.
Fix	Added the validator to prevent empty Scripting instance names in the methods configuration.

Rest API Server (v.1.8.0)

Change	Description
Improv.	Add remoteNode to history and link calls.
Improv.	Added passphrase for encrypted certificate keys.
Improv.	Added support for standard deviation aggregation method in historical data retrieval.

Siemens Client (v.1.5.3)

Change	Description
Improv.	Changed default value for block size to 512.
Fix	Fixed a problem when reading strings.

SNMP Client (v.1.2.4)

Change	Description
Improv.	Rebrowse buttons now rewalks devices.
Improv.	Opening dropdown in browse view now auto reloads the devices list.
Improv.	Browser logs improved.

SQL Client (v.1.6.2)

Change	Description
Fix	Fixed an issue where the tags group parameters may not be applied properly in Standard and History transactions.

WebUI (v1.20.0)

Change	Description
Improv.	Added passphrase for encrypted certificate keys.
Improv.	Added "delta" aggregation method in historical view.
Improv.	Added "standard deviation" aggregation method in historical view.
Improv.	Allow to hide "This node" in DerivedTags link picker.
Improv.	Wait for group childs to load before loading parents.
Improv.	Added hostnames to certify to the certificate generation helper form.
Improv.	Improved algorithm from sha1 to sha256.
Improv.	Improved certificate generation helper form tooltips.
Improv.	Model tree was improved to support more than 65000 nested groups.
Improv.	Updated aggregation drop-down input with more explicit labels.
Fix	Solved an issue where the timestamp of the alarms may not update dynamically after changing the client timezone.

WebVision (v1.7.0)

Change	Description
Improv.	Added "delta" aggregation method in historical view.
Improv.	Added "standard deviation" aggregation method in historical view.
Improv.	Allow to select link nodes in Historical mode.
Improv.	Added passphrase for encrypted certificate keys.
Improv.	Updated aggregation drop-down input with more explicit labels.
Fix	Solved an issue when calculating scrollbars properly on component instances when updating the template.
Fix	Solved an issue not calculating horizontal drag properly on stretched components.
Fix	Fixed an issue to permit using custom scrollbars instead of default ones.
Fix	Allow to scroll containers inside containers with scroll/zoom activated.
Fix	Avoid double submit when pressing enter.
Fix	Improve input tree stability.
Fix	Able to copy values from the context menu in specific tables.



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