

BUILDING AUTOMATION HVAC TECHNICAL BULLETIN NO. 562

Issue Date: 19 February 2026

INTEGRA 4.15u3

Summary

Niagara Framework® 4.15 has been updated to v 4.15u3

Detail

NIAGARA 4.15U3 RELEASE NOTES

Release Date: January 2026

Issue Key	Module	Release Note
NCCB-73698	bacnet	In 4.15U3, the dynamic properties of BBacnetNetwork.java like UPLOAD_ON_START, WRITE_ON_FACET_CHANGE, SHOULD_SUPPORT_FAULTS_MULTI_STATE, PRIVATE_TRANSFER_RESULT_BLOCK have been marked as deprecated and is removed in Niagara 5. In Niagara 5.0, the class BBacnetNetwork.java contains a new frozen property "uploadOnStart" replacing the dynamic slot.
NCCB-74143	bacnet	During discovery of BACnet proxy points, associate String Point to those that have AsnType as CONSTRUCTED_DATA.
NCCB-72987	fox	Starting in Niagara 4.15u3, Niagara APIs that allowed for establishing insecure non-TLS ("fox") Fox client connections to remote Niagara stations has been marked deprecated. Tridium always recommends using secure TLS ("foxs" or "foxwss") Fox client connections. Secure TLS Fox client connections have been supported since Niagara AX (for "foxs") and later ("foxwss" support was added in Niagara 4.15), and they will continue to be supported in future Niagara versions. In a future Niagara 5 release, only the insecure non-TLS ("fox") Fox client connection APIs will be removed, so this deprecation of those APIs in Niagara 4.15u3 is intended to provide a warning of that anticipated future removal to give developers ample time to make adjustments. The following code in the public API of Niagara 4.15u3 has been marked @Deprecated, and it is recommended to adjust affected code that calls these APIs to use other existing APIs for establishing a secure TLS ("foxs" or "foxwss") Fox client connection instead. If you must temporarily continue to support insecure non-TLS ("fox") connections to remote Niagara stations in your code, then you can consider adding @SuppressWarnings("deprecation") annotations to the places where you use such APIs, but you should also have a plan to replace such code in a future Niagara 5 version. Refer to the breaking change documentation for further details. From javax.baja.fox.FoxConnectionTypeEnum, the following enum values are now deprecated: - FOX - FOX_OR_FOXWSS From javax.baja.fox.BFoxProxySession, the following is now deprecated: - make() methods that default to or allow a non-TLS fox connection via a useFoxy boolean parameter From com.tridium.fox.sys.BFoxSession, the following is now deprecated: - make() methods that default to or allow a non-TLS fox connection via a useFoxy boolean parameter - getUseFoxy() - setUseFoxy()
NCCB-71762	opcUaCore	OPCUA SDK Upgraded to 5.4.0-201. Added SDK version number to spy page.
NCCB-72935	rdbHsqlDb	Corrected license type of HSQL to "BSD-3-Clause"
NCCB-61380	bacnet, webChart	For BACnet trend log extension, toggling delta button work for chart, history chart and history table.
NCCB-64022	bacnet	When a descriptor with blank or empty ORD is added into the Export Table of the Local BACnet Device, the page refreshes correctly.

NCCB-68988	bacnet	The actual BACnet poll interval now matches the Poll Frequency rate. If users configured their poll frequencies to twice the desired values as a workaround, they may want to re-configure them to the actual desired values. For example, if the desired frequency is 5 sec but has been configured to 2.5 sec because of this defect, it can now be configured to 5 sec.
NCCB-70565	bacnet	BACnet trend log objects shall not duplicate anymore in export manager after a station restart.
NCCB-71037	bacnet	BACnet alarm event notification is sent when a change of value to +inf, -inf and nan.
NCCB-73002	bacnet	Previously, if the BACnetNetwork Worker queue was full, an exception would be logged every time a poll and poll statistics update was attempted. Now, the exception is being properly caught, not logged except at a fine level, and the next poll statistics update time is incremented so another update will not be attempted immediately. This defect may interrupt BACnet polling. If updating to Niagara 4.14u3 or 4.15u2 is not possible, the system property "niagara.bacnet.poll.statistics" can be set to false to disable poll statistics gathering but prevent polling interruptions.
NCCB-73073	bacnet	Previously, when the Event Detection Enable property of a BACnet object was set to false, event information was cleared. When Event Detection Enable was set back to true, the object would return un-acked transitions but those events could not be acknowledged. Now, the event information is preserved and updated so acknowledgement through BACnet continues to work as expected.
NCCB-73364	bacnet	Event enrollment config objects now support reading and writing of multiple alarm values for Change_Of_CharacterString event_parameter type. Local Device contains a new property saveStationOnRestartRecipientsChange that enables an automatic station save if the restartNotificationRecipients property changes. The inAlarm statusFlags of a descriptor matches with the intrinsic alarm extension alarm state value, and not point status value.
NCCB-73372	bacnet	Incorrect BACnet/SC proprietary header data lengths will no longer cause a connection failure.
NCCB-73545	bacnet	The BACnet alarms can be acknowledged successfully when on the server side the related alarm class property "ackToNormal" is disabled.
NCCB-73634	bacnet	The BACnet Event Enable property used to incorrectly map to the Niagara Alarm Enable property on an Alarm Source Ext. The Event Enable property should determine whether notifications are sent and is not relevant to the operation of alarm algorithms. The BACnet Event Detection Enable property now correctly maps to the Alarm Enable property and the existing Event Detection Enable property on export descriptors has been deprecated. The Event Enable property is now read-only and always has the value TTT.
NCCB-73917	bacnet	BACnet EDE exports of the local export table now write a blank cell instead of omitting the present-value-default column when a plain point is exported as an input or non-commandable value object. This column will also be blank and the settable column set to false even when a writable point is exported as these object types. String points and non-point objects (schedule, calendar, file, etc.) are no longer skipped by the EDE export.
NCCB-74227	bacnet	For a BACnet TrendLog descriptor object, when Event_Detection_Enable property is set to false, Event_State shall be NORMAL, and the properties Acked_Transitions, Event_Time_Stamps, and Event_Message_Texts shall be equal to their respective initial conditions
NCCB-74905	baja	Prior to this fix, if you were using NiagaraNetwork user synchronization from some Niagara 4.9+ and all Niagara 4.15+ supervisors to an AX subordinate station, then the user synchronization could fail. This defect has now been resolved in Niagara 4.15u3 and later, restoring the ability to perform NiagaraNetwork user synchronization to AX subordinate stations.
NCCB-73615	bajaScript	The "Always Log In To Home Screen" setting has been added to the Web Service. When true, the user will always be redirected to the home screen after logging in, rather than being redirected to the URL they first tried to access. This setting defaults to false.
NCCB-73707	fox, niagaraDriver	Prior to this fix, on rare occasions (due to a race condition of a quick connect/disconnect/reconnect of a NiagaraStation in the NiagaraNetwork) some subscribed NiagaraNetwork proxy points and/or Niagara virtuals could stop updating with current values read from the remote station. When this occurred, if manually detected, the workaround on the client station (typically a supervisor) was to invoke the 'Manual Disconnect' action for the corresponding NiagaraStation's Client Connection to re-establish the Fox connection and re-subscribe to any proxy points or virtuals that had previously stopped updating. This defect has now been resolved, so that subscribed NiagaraNetwork proxy points and/or Niagara virtuals should continue updating, and the workaround should no longer be necessary. The fix for this issue must be applied on the server station of the NiagaraNetwork (Fox) connection, so this typically means updating the software on the remote JACEs and not just on the client (supervisor) station. However, it is good practice to keep software up-to-date in all places whenever possible.

NCCB-74472	help	We've corrected the 4.15 issue where Help pages were not loading on the first click. The newer JxBrowser version that fixes the problem is included in both 4.14u4 and 4.15u3.
NCCB-72787	opcUaClient	OPCUA Client and Server now log the application URI error clearly. OPCUA Server now returns the correct reject reason and status code if the client has a bad certificate.
NCCB-72899	opcUaServer	Customers using OPCUA Server driver will now see the status of their server proxy points be propagated as follows: - Niagara status {ok} -> OPCUA status 00 GOOD - Niagara status {down}, {fault}, {stale} -> OPCUA status 10 BAD
NCCB-73125	opcUaServer	Niagara Opcua server now follows the following policy to transmit data: - OPCUA server point status flags will be updated as they change status (no manual subscription or polling required). - Introducing a new property on the OPCUA device (namespace) level called "nullOnBadStatus" (false by default). If the OPCUA proxy point receives a down or inFault status then: - - If the nullOnBadStatus on OpcUaNamespace is set to false- then the last known value with a badOutOfService status is transmitted to clients. - - If the nullOnBadStatus on OpcUaNamespace is set to true - then a null value with a badOutOfService status is transmitted to clients. - If the OPCUA proxy point doesn't receive any value or has the default value of null then a null value with Good_NoData status is transmitted to clients. The nullOnBadStatus property must be set before adding points to the server. Changing this property will cause the server to restart.
NCCB-74341	platform	The Niagara Daemon FileServlet will no longer enforce free file space and free file count protection on filesystem types that do not support metrics.
NCCB-74664	provisioningNiagara	Starting in Niagara 4.14, if a supervisor attempted to run the 'Update Licenses' provisioning job via NiagaraNetwork against an older versioned subordinate Niagara station, it could fail with a message similar to the following (indicating an unnecessary software dependency check): Cannot find software to meet dependency: nre-core-* (>=4.14.X.X) Starting in Niagara 4.15u3 (and later), this defect has been resolved so that the 'Update Licenses' provisioning job will process without needing to check software dependencies (unless the job is paired with an 'Upgrade Out-of-date Software' provisioning job step, the presence of which will cause the software dependency check to occur).
NCCB-74245	rdbSqlServer	We have fixed an issue that could occur during history processing after migration from AX to N4 and subsequent upgrade to version 4.15 as the database schema doesn't match. This update ensures accurate handling of history config meta data(HISTORY_CONFIG TABLE) for all migrated environments. We also suggest to update HISTORY_CONFIG database schema as mentioned below if your existing schema doesn't match. COLUMN_NAME, DATA_TYPE, SIZE ID int NULL ID_ varchar 500 HISTORYNAME varchar 500 SOURCE varchar 500 SOURCEHANDLE varchar 500 TIMEZONE varchar 500 INTERVAL_ varchar 500 SYSTEMTAGS varchar 500 VALUEFACETS varchar 500 TABLE_NAME varchar 500 DB_TIMEZONE varchar 500
NCCB-73365	webChart	In previous releases, if you didn't have operatorRead in "Category 1" (which is often referred to as the "User" Category), then you could not load a chart file, even if you had permissions to the chart file itself. This problem has been corrected, so you only need permissions on the chart file itself (or to the directory that you are about to save a new chart file to).
NCCB-74935	workbench	In previous releases, if you load a WebChart or another BICollectionWidget with multiple WbViewBindings in the PxEditor or a WbView and then navigate to a fullscreen WebWidget like an individual History webChart, you may get more than 1 history showing due to improper WebWidget caching. This has been fixed.
NCCB-75315	analytics-ux	Updated billboard.js

Customer Impact

Customers should upgrade their sites to use these new features at their earliest convenience.