

## Niagara 4.4U1 Release Notes

### Description

#### Issues fixed in Niagara 4.4u1 Release

#### Release Notes not assigned to module

<b>HAREMB- 673</b>	IT-8000 WIFI in client mode causes Wi-Fi modem to fail with firmware version 8.9.0.0.76
Niagara 4.4.73.10 introduced new firmware for the Wilink8 Wi-Fi modem what had a bug that would cause the modem to stop working in station mode after a few hours of runtime. Updated firmware is included in this release which addresses this failure. This only affected station (client) mode of operation of the Wi-Fi modem.	

<b>NCCB-32718</b>	Export PDF does not paint to full aspect ratio in case of PX View -> Fill Display is selected
From Niagara 4.4.73.26, Niagara 4.5.74.10 and Niagara 4.6 onwards, Web Widgets with the layout defined as a percentage value will render when exported to a PDF document. From Niagara 4.6 onwards, support for Web Widgets in grid and constrained pane has also been added.	

<b>NCCB-33304</b>	Engine Watchdog thread not restarted if timeout policy was triggered
Previous versions of the Niagara Daemon may have failed to enforce the assigned Engine Watchdog Policy if the Niagara Station had already been restarted once, but not rebooted, by that same policy. This behavior applies only to 4.4 and has now been corrected.	

#### Release Notes assigned to one or more modules

<b>NCCB- 32648</b>	alarm	UxAlarmConsole fails to resolve BFormat in alarm message text fields
The HTML5 Alarm Console would resolve lexicons against the alarm source when displaying the msgText alarm data. The Workbench version would resolve the lexicons against the alarm record itself. This has been fixed so that the HTML5 Alarm Console behaves like Workbench and resolves msgText lexicons against the AlarmRecord, not the source.		

<b>NCCB- 32716</b>	alarm, bajaux	Hyperlinks to other stations not working in Alarm Console
<p>From Niagara 4.4.73.26, Niagara 4.5.74.10 and Niagara 4.6 onwards hyperlinking in the UX alarm console will work when using the HTTP(S) ORD scheme. The IP and fox ord schemes should be translated to http(s) ord schemes and this should work as long as you are using the default web ports. The hyperlink will not create a new tab when invoked.</p>		

<b>NCCB- 32792</b>	alarm	Unable to navigate through the records using Scrollbar in Bajaux Alarm Database View
<p>From Niagara 4.4.73.26, Niagara 4.5.74.10 and Niagara 4.6 onwards, the alarm database view should render its content with scroll bars.</p>		

<b>NCCB- 32965</b>	alarm	HTML5 alarm database maintenance view - add notes broken.
<p>Adding notes to an alarm using the HTML5 Alarm database maintenance view now works.</p>		

<b>NCCB- 32772</b>	baja, lexicon	Baja Lexicon keys are not localized for any language unless they are customized in lexicon
<p>When setting the locale option in Workbench and using a lexicon module, translations for lexicon keys from the baja module would only display in English. This has been resolved. As a workaround in earlier versions, you can either extract your custom module lexicon's baja.lexicon file into !lexicon//baja.lexicon or don't set the locale option and start Workbench using the -locale: command line argument.</p>		

<b>NCCB- 32760</b>	bajaScript, box	Niagara language tags with underscores not usable in browser
<p>User language codes in Niagara format that contained both a language and a location (e.g. de_CH) were not correctly applied in the browser and sometimes would fall back to the default system language. This has been fixed. baja.getLanguage() should now return a code in standard IETF format. Field editors in the HTML5 Hx Profile should now respect these language codes.</p>		

<b>NCCB- 32124</b>	bajoui, workbench	4.4+ workbench connecting to a 4.3- station does not load WebChart due to WebProperty version incompatibility
<p>4.4.73.24 Workbench cannot load a webChart when connecting to a 4.3 station. This has been corrected with the 4.4.73.24.4 bajoui-wb and workbench-wb patches. Since this is due to a problem with the WebProperties, users may experience other problems when attempting to use WebProperties on WebWidgets when connecting to a 4.3 station. To work around the problem, just use the same niagara version for client and server.</p>		
<b>NCCB- 32978</b>	bajoux	Station cannot support multiple users from web at the same time without station restart
<p>In earlier versions of Niagara, a station configured with users that had multiple languages assigned could display the wrong language in Web Widgets to the user. This has been resolved.</p>		
<b>NCCB- 31649</b>	fox	Numerous implied tags/relations on an Entity can fail remote neql/bql query
<p>Prior to this fix, over a fox connection (Workbench to station or station to station), certain remote neql queries would fail if the payload of the result contained a very large String value. This could happen due to numerous implied tags/relations on a component in the result set. The station side would print out a vague java.io.UTFDataFormatException in such a scenario. This problem has now been fixed.</p>		
<b>NCCB- 31461</b>	hx	Modal property of popups not respected in browser views
<p>In Niagara 4.4.73.26 or higher, when you have a PopupBinding with modal=true, the current hpx page will now prevent a second modal dialog from opening to same url as long as the first dialog is still open.</p>		
<b>NCCB- 31619</b>	hx, kitPx	Pop-up binding issue resolving URL
<p>In Niagara 4.3.58.18 or higher, if you have a Popup Binding to an external site like <a href="https://www.google.com">https://www.google.com</a>, hx would incorrectly add niagara-specific information to url and make the url invalid. For http and https ords, this has been corrected Niagara 4.4.73.26 or higher. If you have a https to another station, you can append "external=true" as a view parameter to ensure that fullscreen=true is still used to prevent the Profile Chrome from showing up.</p>		

<b>NCCB- 33168</b>	hx	Hx throws a 500 error if PxIncludes have absent variables. Empty variables are fine
Px pages that have PxIncludes with invalid ORD variables shouldn't cause problems when loading in HxPx.		

<b>NCCB- 32847</b>	platDataRecovery	Backport to 4.4: Data Recovery Service FINE log level is too busy to find cause of frequent station save
Previous versions of the Data Recovery Service logged too much information at the FINE level to be able to detect significant events while the service was running. Most detailed information has been moved from FINE to FINEST.		

<b>NCCB- 15301</b>	webEditors	Content Error in property sheet when precision value is greater than 20
When a slot was configured with a precision facet less than 0 or greater than 20, the HTML5 Property Sheet may have failed to display. It will now correctly display with the precision facet corrected to be in the 0-20 range.		

<b>NCCB- 23391</b>	webEditors	HTML5 property sheet does not perform unit conversion on range errors
Unit conversion is now properly performed on range checks on numeric field editors in the HTML5 property sheet. For instance, if a numeric slot has units of C, a min of 0, and the user is configured to show English units, the range will be converted and displayed as \[32F - +inf\].		