



Niagara 4.3

Features overview

Release summary

Building upon improvements offered by Niagara 4.2u1, **Niagara 4.3** will offer enhancements that make it easier to manage and deploy templates, and a new Abstract Manager Framework for creating custom manager views.

This release will fix the issues with Windows 10 service pack updates changing Host IDs.

The second Niagara Analytics 2.0 update will be released with Niagara 4.3. Niagara Analytics 2.0u2 offers even more potential for systems integrators to differentiate themselves and build a trusted partnership with their customers by engaging in analytics as a continual process.

Notable features of Niagara 4.3

Feature	Benefit	Notes
Abstract Manager Framework	<p>Introducing our Abstract Manager Framework. This framework can be leveraged in the creation of custom manager views.</p> <p>Manager views that are now available:</p> <ul style="list-style-type: none">▪ Email Account Manager▪ History Group Manager▪ BACnet Device Manager (3 versions – Basic, AWS, OWS)▪ BACnet Point Manager	<p>The API for this framework will be an open API that is currently incubating and is offered as a “development” stability designation (i.e. subject to change).</p> <p><i>Reference:</i> module://docDeveloper/doc/apiInfo.html</p>
Template Enhancements	<p>Templates are enhanced for easier management and deployment. New in 4.3 is the ability to:</p> <ul style="list-style-type: none">▪ Update/edit a template that is already saved and deployed▪ Name templates (create unique identifier)▪ Template versioning▪ Sub-template creation▪ Template states (Draft & Final)	

Notable features of Niagara 4.3

Feature	Benefit	Notes
Tag Rule Index (new in 4.3)	This feature allows tags to be implied by any smart tag dictionary, instead of only the dictionary with the same namespace, without incurring a performance hit	<ul style="list-style-type: none">▪ Feature enabled by default▪ Will be cleared when anything new, with a few exceptions, in the tag dictionary service changes
Implied Tag Index (new in 4.3)	Increases the responsiveness of the hierarchy and search when they rely on implied tags	Requires additional memory. Amount is directly proportional to the size of station.
Baja UX Field Editors	<p>Continued progression toward converting all field editors to HTML5</p> <p>The following editors have been added in 4.3:</p> <ul style="list-style-type: none">▪ TriggerModeEditor▪ BACnet field editors▪ Baja UX editors as field editors now available within HxPx and other Hx views	
HxPx Improvements	New browser preview button to quickly discover layout issues in HxPx and various bug fixes	

Notable features of Niagara 4.3 (if applicable)

Feature	Benefit	Notes
Fallback for Master Kerberos Server	For customers with redundant Kerberos servers, we've added the ability to fallback to secondary servers.	Not applicable to all users
LDAP Enhancements Niagara AX – Niagara 4	For customers with mixed systems of Niagara AX and Niagara 4, enhancements have been made to allow Niagara 4 stations to make Niagara network connections to Niagara AX stations that are configured for LDAP authentication.	Not applicable to all users