

Announcing the Release of INTEGRA 4.9

ABB Cylon is pleased to announce the release of **INTEGRA 4.9**.

This release incorporates important new features and functionality to support **INTEGRA IT-8000** with INTEGRA 4.9 with improvements in cybersecurity, visualization, rapid deployment, connectivity, certification, and IT compliance.

INTEGRA IT-8000 is an embedded Internet of Things (IoT), BTL-listed BACnet® Building Controller (B-BC) that connects to Cylon's **CB Line** of BACnet field controllers.

INTEGRA IT-8000 is capable of connection and network management of a variety of diverse devices and subsystems using various protocols including, but not limited to, Modbus™ and LonWorks™.

Niagara 4.9 releases the following:

- **Single Sign-On with Niagara as an Identity Provider:** Securely navigate Niagara Stations using Single Sign-On (SSO) with Niagara as the identity provider (IdP), instead of manually configuring and managing an external IdP. SSO allows users to login into one station and access all other connected stations via a browser without having to re-authenticate.
- **Enhanced Graphics with Tag-Based Visualization:** Create a graphical user interface (GUI) for your Niagara station based entirely on tags. Tag based PX bindings allow you to create graphics and assign them semantic tags from the dictionary of your choice once, and then reuse any number of times.
- **Niagara Proxy Service Enhancements:** The Niagara Proxy Service now supports HTTPS connections and a digest authentication scheme, facilitating improved IT compliance and enabling modern web services that utilize secure connectivity behind corporate IT proxy servers.
- **Niagara Security History Log:** The Security History Log provides users with an understanding of who, or what, is logging into or changing security related settings on
- **Third-Party Module Signing:** The security posture of any Niagara installation is stronger when all third-party modules are signed. Niagara now enforces this best practice and makes administrators aware of unsigned modules, automatically eliminating the risk that modules may have been tampered with or come from an untrustworthy source. To allow developers enough time to transition signing their code, this feature began its rollout in **INTEGRA 4.8**. In **INTEGRA 4.9**, all modules must be signed by valid, trusted certificate (may be self-signed)
 - Cylon **ProPack** Module is now signed to meet new signing requirements.

OS, Browser, Database	Version
Red Hat Enterprise Linux	8.1 (64 bit) , 7.7
Windows	Server 2019 (64 bit) , Windows 10 (64 bit)
VMWare	ESXi 6.7
Oracle Database	19.3, 18.3, ... 12.2/12.1
MySQL Database	8
MS SQL Database	2019, 2017 , 2016
Browsers	Chrome, Firefox, Microsoft Edge
Mobile Browsers	Safari (iOS 12, 13), Chrome (Android 8, 9, 10)

- Updated OS and Enterprise Applications: In **INTEGRA 4.9**, we have added support for several new operating systems and enterprise applications (new additions in bold type).
- As with all software products, we must also deprecate support for some operating systems and enterprise applications. Here is the list of deprecated products that will not be supported as of **INTEGRA 4.9**.

OS, Browser, Database	Version
Red Hat Enterprise Linux	7.5, 7.6
Windows	Windows 7 (32/64 bit), Windows 8.1, Server 2012
Oracle Database	11g
MySQL Database	5.7
MS SQL Database	2012
Browsers	Opera
Mobile Browsers	Safari (iOS 10, 11), Chrome (Android 6, 7)



Cylon Controls
is now **ABB**

- Cyber Security Update: **INTEGRA 4.9** includes a fix to a TLS timeout issue that could occur during a failed TLS handshake.

Get Started with INTEGRA IT-8000 with Niagara 4.9.

Download this Announcement, the New Features Overview, Release Notes, and “How to Buy INTEGRA” in the [ABB Cylon Toolbox](#). Learn more about **INTEGRA 4.9** in an [ABB Cylon INTEGRA Training Class](#). Download [INTEGRA IT-8000](#), and [INTEGRA-Supervisor Datasheets](#), or read more information on the benefits of [INTEGRA- ProPack](#).

For more information, contact your sales manager