

Honeywell

WEBs - N4 Workbench

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Honeywell WEBs-N4 Software Release Bulletin

Version 4.8.0.110

January 2020

Table of Contents

RELEASE SUMMARY	2
PLATFORM UPDATES.....	2
BUILD CONTENTS & DISTRIBUTION	3
HONEYWELL SOFTWARE MODULES IN WEBS-N4.8.0.110.5.....	3
BRIEF DESCRIPTION OF HONEYWELL PRODUCTS.....	7
HARDWARE COMPATIBILITY – WEBS CONTROLLER.....	9
PLATFORM REQUIREMENTS FOR WEBS SUPERVISOR	9
OPERATING SYSTEM & SOFTWARE DEPENDENCIES.....	9
NIAGARA WEB LAUNCHER	11
KNOWN ISSUES & WORKAROUNDS.....	12
<i>Limitation</i>	12

Release Summary

Honeywell WEBs-N4.8.0.110.5 release consists of “WEBStation-N4” software builds and WEBs-N4 Alarm Portal software. This is an updated release of WEBStation-N4.7.110.32.

Product	Description
WEBStation-N4	N4 Supervisor software; includes Niagara Historical Database and Workplace N4. Includes oBIX client/server driver for connecting to Niagara based controllers only.
WEBs_N4_Alarm_Portal	WEBs-N4 alarm console client. No separate server is required to use this. This supports Niagara alarm monitoring.

Note: This version of Honeywell WEBs-N4.8.0.110.5 is compatible with Spyder Model 5, CIPer Model 10, CIPer Model 30, CIPer Model 50 and WEB-8000 controllers.

Platform Updates

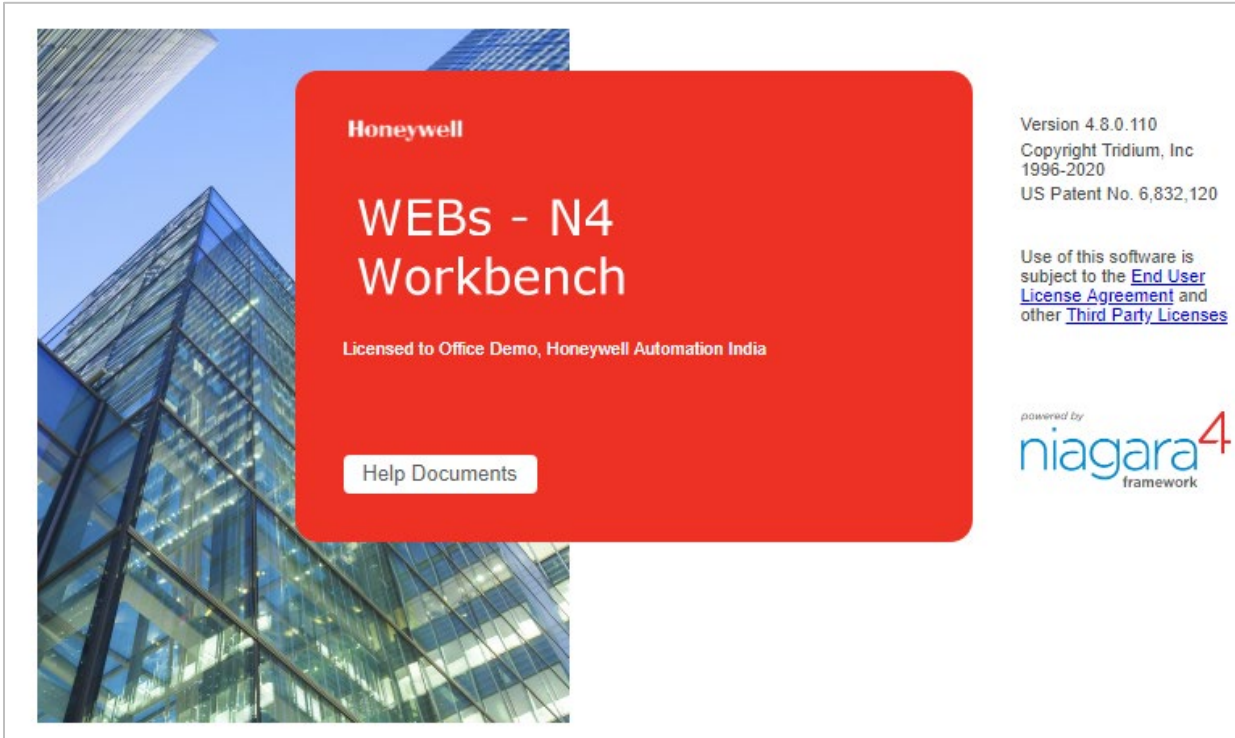
Following are the latest version of tools:

Tools	Version
Spyder Tool	4.8.0.7.2.20
Spyder Model 5 Tool	1.1.0.9
Stryker Tool	4.8.0.5.0.33
BACNetFF Tool	4.8.0.1.0.4
AXWizards Tool	4.8.0.4.154.0
Venom Tool	4.8.0.7.2.20
CIPer Model 10	4.8.0.110
CIPer Model 30	4.8.0.1.0.31
CIPer Model 50	4.4.93.40.30

The WEBs-N4 from 4.8.0.110.5 onwards includes a new feature **Point List View** (PLV) and supports Spyder Model 5. Refer to “WEBs-N4 Points List View Guide (31-00261-02)” document for details on how to use this new feature.

Note: Security WEB-6xx models are now scheduled for End of Life (EOL) July 1, 2021. This is consistent with WEBs AX EOL date for all WEB AX Honeywell products.

Build Contents & Distribution



Honeywell Software Modules in WEBs-N4.8.0.110.5

Module	Description	Version
CIPer Model 10		
edgelo-rt		4.8.0.110
edgelo-wb		4.8.0.110
CIPer Model 30		
ipcCommBus-rt		4.8.0.1.0.31
ipcCommBus-wb		4.8.0.1.0.31
ipcProgrammingTool-rt		4.8.0.1.0.31
honeywellSylkDevice-rt		4.8.0.1.0.31
honeywellSylkDevice-ux		4.8.0.1.0.31
honeywellFunctionBlocks-rt		4.8.0.1.0.31
honeywellFunctionBlocks-ux		4.8.0.1.0.31

Module	Description	Version
honeywellFunctionBlocks-wb		4.8.0.1.0.31
docHoneywellFunctionBlocks-doc		4.8.0.1.0.31
docHoneywellSylkDevice-doc		4.8.0.1.0.31
docIPCProgrammingTool-doc		4.8.0.1.0.31
ipcMigrator-wb (only in Supervisor)		4.8.0.1.0.31
ipcBaseDriver-rt		4.8.0.1.1.22
themeHoneywell-ux		4.8.0.1.1.11
honeywellVersionManager-rt		4.8.0.1.0.31
CIPer Model 50		
honEagleHawkHMI-rt honEagleHawkHMI-wb honEagleHawkHMI-ux		4.4.93.40.1.17
honTagDictionary-rt		4.4.92.2.1.2
clOnboardIO-rt clOnboardIO-wb		4.8.0.110.0.0
clPanelBus-rt clPanelBus-wb		4.8.0.110.0.0
platPanelbus-rt		4.8.0.110.0.0
Spyder		
airFlowBalancer		4.8.0.7
docHoneywellSpyder (PC Only)		4.8.0.7.2.20
genericUIFramework		4.8.0.91
honeywellBacnetSpyder		4.8.0.7.2.20
honeywellLonSpyder		4.8.0.7.2.20
honeywellSpyderTool		4.8.0.7.2.20
datasharing		4.8.0.17

Module	Description	Version
Spyder Model 5 / IRM N4		
honIrmConfig-wb		1.1.0.9
honIrmConfig-rt		1.1.0.9
honIrmAppl-rt		1.0.1.6
honIrmControl-ux		1.0.0.0
honIrmControl-rt		1.0.0.0
honIrmControl-doc		1.0.0.0
Stryker		
ascCommon		4.8.0.5.0.33
ascLon		4.8.0.5.0.33
ascBacnet		4.8.0.5.0.33
airFlowBalancer		4.8.0.7
genericUIFramework		4.8.0.91
honeywellASC		4.8.0.5.0.33
honeywellAXPlatinum		4.8.0.6
datasharing		4.8.0.17
Venom		
honeywellVenomBacnetApps		4.8.0.7.2.20
honeywellVenomBacnet-rt		4.8.0.7.2.20
honeywellVenomBacnet-wb		4.8.0.7.2.20
honeywellVenomGraphics		4.8.0.7.2.20
honeywellVenomLonApps		4.8.0.7.2.20
honeywellVenomLon-rt		4.8.0.7.2.20
honeywellVenomLon-wb		4.8.0.7.2.20
honeywellVenomTools-rt		4.8.0.7.2.20
honeywellVenomTools-wb		4.8.0.7.2.20

Module	Description	Version
BACnet FF		
honeywellTB3026BWizard	Module for Honeywell BACnet FF configuration wizard	4.8.0.1.0.4
AXWizards		
docHoneywell	Help Files for AXWizards	4.8.0.4.154.0
lonhoneywellAXWizards	Module for wizard based configuration of Honeywell devices	4.8.0.4.154.0
AXPlatinum		
honeywellAXPlatinum	Honeywell AX Platinum Graphics Library	4.8.0.6
honeywellAXPlatinumHR	Honeywell AX Platinum Hi-Res Graphics Library	4.8.0.5
themeHoneywell-ux		4.8.0.1.1.11

Brief description of Honeywell products

<p>Spyder</p>	<p>The Spyder Family of controllers are for use in VAV (Variable Air Volume) and Unitary HVAC control applications. Each controller communicates via either LONWORKS® or BACnet MS/TP network communications. Each controller provides flexible, universal inputs (UI) for external sensors, digital inputs (DI), and a combination of analog outputs (AO) and digital Triac outputs (DO). The Syk Bus is included in each controller which enables connection to other Syk enabled devices. These controllers provide many options and advanced system features that allow state-of-the-art commercial building control. Each controller is programmable and configurable using the NIAGARA AX FRAMEWORK® software.</p> <p>To download, click the link: Spyder tool and technical documents</p>
<p>Stryker</p>	<p>Stryker LON VAV, Stryker BACnet VAV and Stryker LON CVAHU configuration tool provide many options and advanced system features that allow state-of-the-art commercial building control. Each controller is configurable using the NIAGARA FRAMEWORK® software.</p> <ul style="list-style-type: none"> • CVB4022AS-VAV1, and CVB4024NSVAV1 controllers are BACnet MS/TP network devices designed to control HVAC equipment. • CUL6438SR-CV1, CVL4022AS-VAV1, and CVL4024NS-VAV1 controllers are Free Topology Transceiver (FTT) LONMARK®-certified devices designed to control HVAC equipment. <p>To download, click the link: Stryker tool and technical documents</p>
<p>Venom</p>	<p>The Honeywell Venom Tool is provided in an effort to increase usability of the Spyder tool</p> <p>To download, click the link: Venom tool and technical documents</p>
<p>CIPer Model 10</p>	<p>Honeywell CIPer Model 10 is an IP-based field equipment controller powered by the Niagara Framework®. CIPer Model 10 controllers drive applications such as zone temperature control, and the operation of fan coil units, single-stage air handling units, water-source heat pumps and more. CIPer Model 10 controllers run the full Niagara stack, with 10 points of on-board IO and IO-R-34 expansion capability. CIPer Model 10 licensing supports three devices and 50 total points.</p> <p>To download, click the link: CIPer Model 10 tool and technical documents</p>
<p>CIPer Model 30</p>	<p>Honeywell CIPer MODEL 30 controllers are available in two models WEB-C3036EPUBNH and WEBC3036EPVBNH. These are Internet Protocol (IP) based “edge” controllers that can be used for VAV, Unitary, equipment and Plant applications. Each is programmable and configurable using the open Niagara 4 Framework.</p> <p>To download, click the link: CIPer Model 30 tool and technical documents</p>

CIPer Model 50	<p>Honeywell CIPer Model 50 is a BACnet-compliant heating, ventilation, air conditioning (HVAC) building controller.</p> <p>It runs the WEBs-N4 framework, integrating all trades in a building.</p> <p>CIPer Model 50 enables uniform graphical operation, control, data logging, alarming, scheduling, and network management functions for HVAC and non-HVAC applications.</p> <p>To download, click the link: CIPer Model 50 tool and technical documents</p>
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Distribution

The WEBs-N4 Software can be downloaded from Honeywell Buildings Forum, from the link below. A license is required to use this software, which can be obtained by providing the Host ID of the PC.

<https://honeywellprod.sharepoint.com/teams/ecc-TheBuildingsForum/HoneywellWEBs/WEBsN4?view-path=%2Fteams%2Fecc-TheBuildingsForum%2FHoneywellWEBs%2FWEBsN4>

For N4.8

[https://honeywellprod.sharepoint.com/:f:/r/teams/ecc-TheBuildingsForum/HoneywellWEBs/WEBsN4/WEBs-N4.8.0.110.5 Software?csf=1&e=jX1PXi](https://honeywellprod.sharepoint.com/:f:/r/teams/ecc-TheBuildingsForum/HoneywellWEBs/WEBsN4/WEBs-N4.8.0.110.5%20Software?csf=1&e=jX1PXi)

Hardware Compatibility – WEBs Controller

- WEBs-N4 Release 4.8.XXX software supports WEB-8000, CIPer Model 10, CIPer Model 30, CIPer Model 50 Honeywell controllers, and Spyder Model 5.

Note: Live mode and Engineering mode feature (which was part of PLV) is not supported for WEBs controller.

Platform Requirements for WEBs Supervisor

Processor	– Intel® Xeon® CPU E5-2640 x64 (or better), compatible with dual- and quad-core processors.
Memory	– 6 GB minimum, 8 GB or more recommend for larger systems.
Hard Drive	– 4 GB minimum, more recommended depending on archiving requirements. 10 GB recommended for any Supervisor.
Network Support	– Ethernet adapter (10/100 Mb with RJ-45 connector).
Connectivity	– Full-time high-speed ISP connection recommended for remote site access (i.e., T1, ADSL, cable modem) and IPv6 compliant.

Operating System & Software Dependencies

WEBs-N4 is supported on the following listed Microsoft Windows operating systems. The application installation includes Oracle’s Java Runtime Environment (JRE) and does not depend on any other software to run.

Browser	Remarks
The “Niagara Web Launcher” need to be used for browser related activities	Refer below Niagara Web Launcher for more details
JRE Plug-in for Browsers - applicable for WBApplet Environment	
JRE 8u5	
JRE8u60	Only a basic sanity check was performed with JRE8u60 EA build
Mobile OS	
iOS 8.4	Browser tested with Mobile: Google Chrome 44, Safari, Android Stock browser
Android 5.0.2	
Blackberry Playbook 2.0	
Virtual Machines	
VMWare - EXSi (4.1, 5.1)	

Option Cards
Dual RS-485 option card
LON option card
SRAM Option card
IO-R-16 (NRIO Module)
IO-R-34 (NRIO Module)
IO-16 (NDIO Module)
IO-16-485 (NRIO Module)
Drivers
BACnet (IP, Ethernet, MSTP)
Lon (FTT-10, IP)
Modbus (TCP, Async)
oBIX
SNMP
CCN
OPC
NDIO (IO-16)
NRIO
RDBMS Drivers listed in database
Windows OS
Windows 7 Enterprise/Professional/Ultimate x86 & 64
Windows 8.1 Professional/ Enterprise/Ultimate x86 & 64
Windows 10 x86 & x64
Windows Server 2012 R2 (SP2) Standard/Enterprise 64
Windows Server 2016
Red Hat Enterprise Linux 7.4 (64-bit)

WEBS-N4 tools (Spyder, Stryker, Venom, BACnet, AX Wizards etc.) are qualified using the following operating systems.

Note: “Niagara Web Launcher” needs to be used for browser related activities.

Compatible Operating Systems
Windows 7 Enterprise x86 x64
Windows 8.1 x86 x64
Windows 10 x86 x64

Niagara Web Launcher

IMPORTANT: As Java SE 8 reached end-of-life, free public updates for commercial users are no longer available. Users who use Java Web Start to access WEBS JACE controller or local host remotely for their legacy systems, need to use the Niagara Web Launcher application now.

How to install and use the Niagara Web Launcher

1. Connect the JACE or local host via browser.
2. Pre-login page appears and provides a link under the login dialog that reads: "To connect using Niagara Web Launcher click here".

Click this link to download and auto-run The *NiagaraWebLauncher.msi* installer file.

If the file download does not begin automatically, click the following link: [For 64-bit systems ; For 32-bit \(x86\) systems.](#)

3. Once the installer file *NiagaraWebLauncher.msi* is downloaded, it installs the Niagara Web Launcher application on your device.

If the installation does not begin automatically, access the *NiagaraWebLauncher.msi* file in your browser’s downloads location and double-click the file to run the setup wizard.

4. Once the application has started, you may close this browser window and log in from the Niagara Web Launcher application.

You may notice another file, <stationName>.nwl is downloaded to the same location. This is a text file containing information that tells Web Launcher how to connect to that particular station. So on subsequent connections, there is no need to download and run the *.msi installer file again. Instead you could double-click the *.nwl file which launches webLauncher.exe.

Tip: If user wants to run station discovery under Niagara network of N4.8 supervisor, user need to add udp 1911 inbound to the firewall of their system.

For more details, refer **Discover (Fox) uses UDP multicasting** in *Niagara Drivers Guide* or follow the Niagara Help content link – [local!module://docDrivers/doc/aStationDiscoverUdpMulticastPorts.html#aStationDiscoverUdpMulticastPorts](#)

For more details on the Niagara Web Launcher application usage & limitations, refer to below links on the Niagara Community. If you do not have Niagara Community access, please contact your WEBs support to download these files:

- [Web Launcher limitations](#)
- [Downloading the installer](#)
- [Installing Web Launcher](#)

Notes before installing:

1. Before installing WEBs image delete the Environmental variable NIAGARA_HOME and NIAGARA_USER_HOME (if already available).
2. Use only "supervisor station" while creating a new station in Soft JACE.

Known Issues & Workarounds

Issue	Workaround, if any
Sometimes Program Compatibility Assistant dialog pops up with the message "This program might not have installed correctly" after installation of any WEB-Station-N4 image.	<ol style="list-style-type: none"> 1. Microsoft has some patches related Program Compatibility Assistant for Windows 7. It is recommended that the PC has all the OS updates installed to ensure that this issue is not seen during installation. 2. If the issue is still seen, then click on "The program installed correctly" option in the Program Compatibility Assistant dialog.
HTML5 HX web profile is not supported for Spyder Tool and Stryker Tool.	To use Spyder Tool and Stryker Tool using browser, change the user web profile to default WB web profile.
When multiple images of same version are installed on same PC, only one entry will be seen in "Add/Remove Programs". This can also trigger the Program Compatibility Assistant.	It is not recommended to install multiple images of same version on the same PC simultaneously. This would result in only one entry in the "Add/Remove Programs".
After uninstalling Webs Image following folders are present in the WEBs home directory <ol style="list-style-type: none"> 1. Spyder EULA 2. Spyder Apps 	These folders have to be deleted manually.

Limitation

- When user creates a new station on WEBs-N4.8, the EaglehawkNX.ntpl template vendor name displayed as "Centraline" instead of "Honeywell". This limitation does not impact the functionality or operation on WEBs-N4 workbench.