



Honeywell

WEBs - N4  
Workbench

Help Documents

# **Honeywell WEBs-N4 Installation Guide**

**Version 4.9.1.30.2**

April 2021

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## About this Guide

This document is part of the WEBStation-N4 documentation library. The WEBStation-N4.9.1.30.2 software is distributed via the [Honeywell Buildings Forum](#). The platform requirements needed are mentioned in *Honeywell WEBs-N4 Software Release Bulletin*

For the latest product data, visit [customer.honeywell.com](http://customer.honeywell.com) or [Honeywell Building Controls](#).

**NOTE:** Does not Include Enterprise Security. There was not a Niagara 4.9u1 release for the Enterprise Security.

Each view/dialog is provided with a Help button. Click the Help button to open a help window, that explains the functionality of the displayed view. Alternatively, each view has a help page which can be opened by pressing the F1 key on the keyboard or navigate to Help tab in menu items and click **Help > On View**.

Refer to the [Honeywell Buildings Forum](#) for all latest WEBs-N4 product related documentation.

## System Requirement for WEBStation-N4

<b>Processor</b>	– Intel® Xeon® CPU E5-2640 x64 (or better), compatible with dual- and quad-core processors.
<b>Memory</b>	– 6 GB minimum, 8 GB or more recommend for larger systems.
<b>Hard Drive</b>	– 4 GB minimum, more recommended depending on archiving requirements. 10 GB recommended for any Supervisor.
<b>Network Support</b>	– Ethernet adapter (10/100 Mb with RJ-45 connector).
<b>Connectivity</b>	– Full-time high-speed ISP connection recommended for remote site access (i.e., T1, ADSL, cable modem) and IPv6 compliant.
<b>Display</b>	– Video card and monitor capable of displaying 1024 x 768 pixel resolution, 1080p (1920 x 1080) minimum resolution recommended.

### IMPORTANT NOTE

WEBs N4.9 supports only 64-bit installations. Installing WEBs-N4.9 would generate a new host ID, if you installed a 32-bit in the previous N4.8 versions.

It is recommended to use the Echelon OpenLDV 5 Network Driver for Windows. For details refer to, <https://www.echelon.com/software-downloads?ele=153-0411-01B>.

## 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 "Using Web Launcher with WEBs N4.9" for more details
<b>JRE Plug-in for Browsers - applicable for WBApplet Environment</b>	
JRE 8u5	
JRE8u60	Only a basic sanity check was performed with JRE8u60 EA build
<b>Mobile Browser</b>	
Safari on iOS Chrome on Android	
<b>Operating System</b>	
Windows 10 (64 bit) Windows Server 2016 Windows Server 2019 (64 bit) Red Hat Enterprise Linux 7.7, 8.1 (64bit)	WEBs-N4 tools (Spyder, Spyder Model 5, Stryker, Venom, BACnet, AX Wizards, CIPer Model 10, CIPer Model 30 and CIPer Model 50.) are qualified using these listed operating systems.
<b>Mobile OS</b>	
iOS 12 iOS13 Android 8 Oreo Android 9 Pie Android 10.0	
<b>Virtual Machines</b>	
VMWare - EXSi 6.7	
<b>Option Cards</b>	
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)	
<b>Drivers</b>	
BACnet (IP, Ethernet, MSTP), Lon (FTT-10, IP), Modbus (TCP, Async), oBIX, SNMP, CCN, OPC, NDIO (IO-16), NRIO, RDBMS Drivers listed in database	

## Using Web Launcher with WEBs N4.9

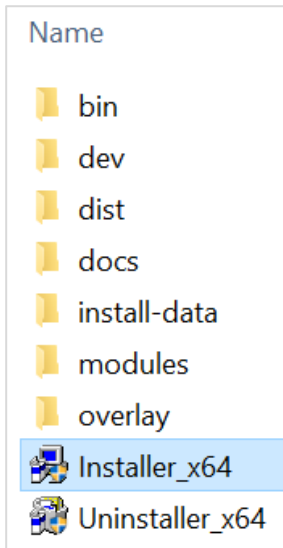
Web Launcher 20.1.3 was recently revamped for WEBs N4.9 to include essential software dependencies updates along with critical defect fixes. This version of Web Launcher has Java version 8 update 252 and certificate management has been updated to work with WEBs N4.9 along with any legacy or prospective release. Prior to using Web Launcher with WEBs N4.9, customer should update Web Launcher accordingly (see steps below).

### How to update Web Launcher?

Web Launcher has a feature to check for updates over the internet and prompts the user when a new version is available in the cloud. However, existing version of Web Launcher has a bug that prevents a smooth update. **Users will be required to perform a fresh install** by downloading the latest version from the cloud via the station web Login page. Click on the Niagara Web Launcher Installer link on the station's Web Launcher Web Page, which can be reached via the link on the Login page itself. Once the download is successful, click on the msi file and follow the installation wizard. You do not have to uninstall the older version. The new installation will automatically update to the latest version.

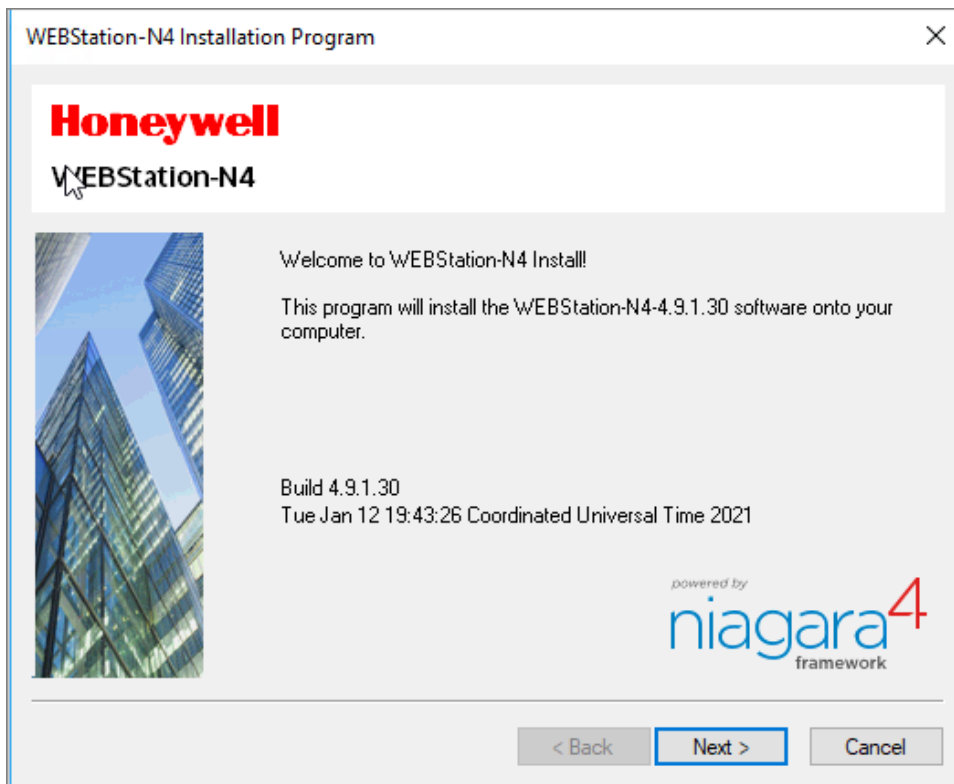
## WEBStation-N4 Installation Procedure

1. Double click the executable file (Installer\_x64.exe).



The WEBStation-N4 Installation Program window opens, showing information such as build version, date etc.

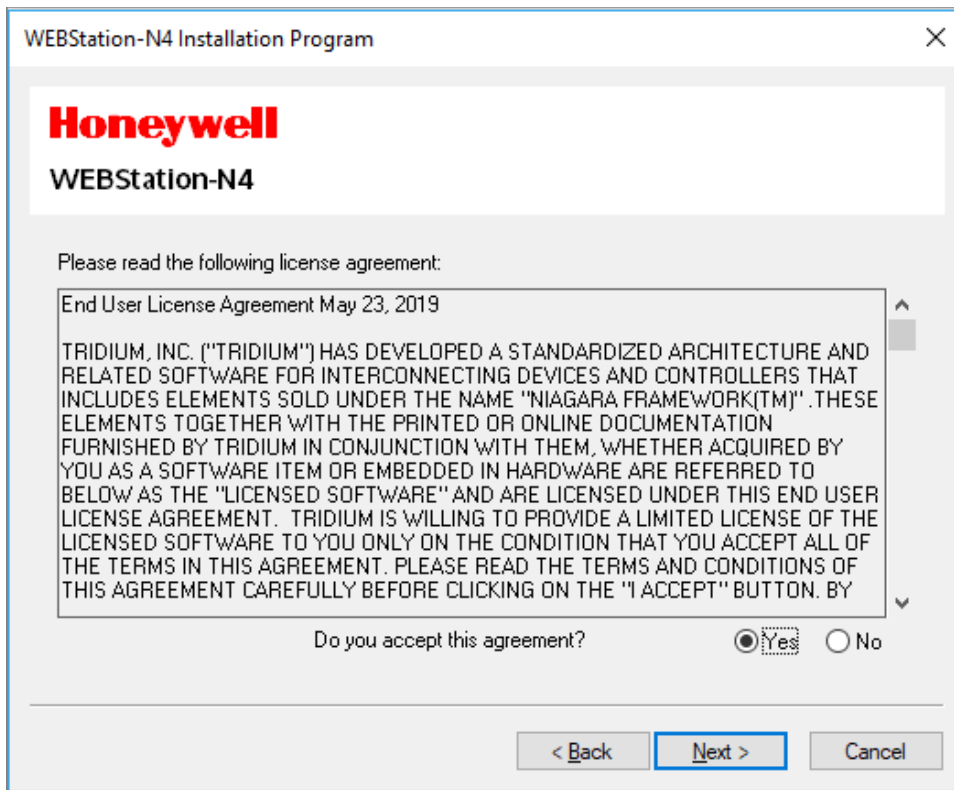
2. Click **Next** to proceed the installation.



3. In the End User License Agreement window, select **Yes** to agree with the End User License Agreement or **No** to disagree the End User License Agreement.

Without accepting End User License Agreement, user can't install the WEBStation-N4

4. Click **Next** to continue the installation.

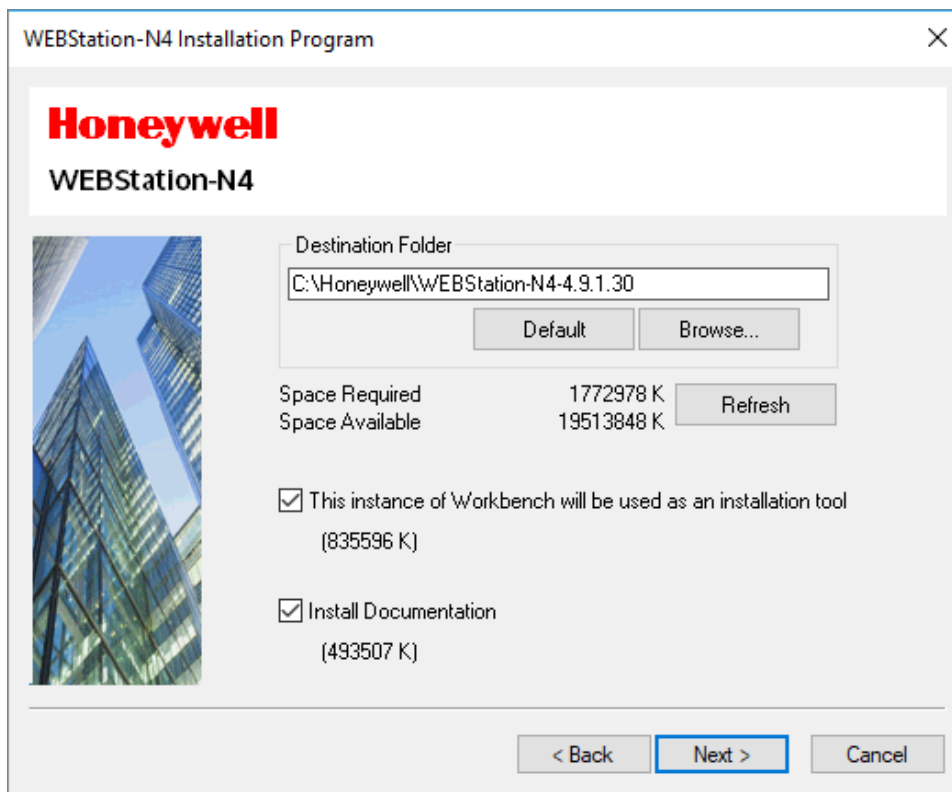


- The installer loads the WEBStation-N4 files in the default path i.e. *C:\Honeywell\WEBStation-N4-4.9.1.30.2*

If this path does not exist, the installer displays warning message, click **Yes** to create the folder.

Or

If you want to install the WEBStation-N4 in the other directory, click **Browse** to change the path,



6. Click **Next** to continue installation.

**NOTE:** If you are performing a new installation, the installer prompts you to set a system passphrase for encryption purposes.

The system passphrase is used to protect sensitive information stored on all WEBs N4 Stations, and on the SD card in the WEB-8000 controllers. The system passphrase is assigned as the file passphrase for “portable files, such as backups and station copies, and is used to encrypt those files. During operations in which you transfer encrypted files to a system (restoring backups, transferring a station, etc.) you are prompted to supply the file passphrase, if it doesn’t match the system passphrase. The system passphrase defaults to the factory default platform password.

During commissioning, you will be prompted to change the default system passphrase.

**NOTE:** It is important to remember the system passphrase and keep it safe. If you lose the system passphrase, you will lose access to encrypted data. To change the system passphrase, use the Platform Administration tool.

7. Niagara Daemon User Home directory is used to store Niagara Daemon user’s data and to run Niagara stations.

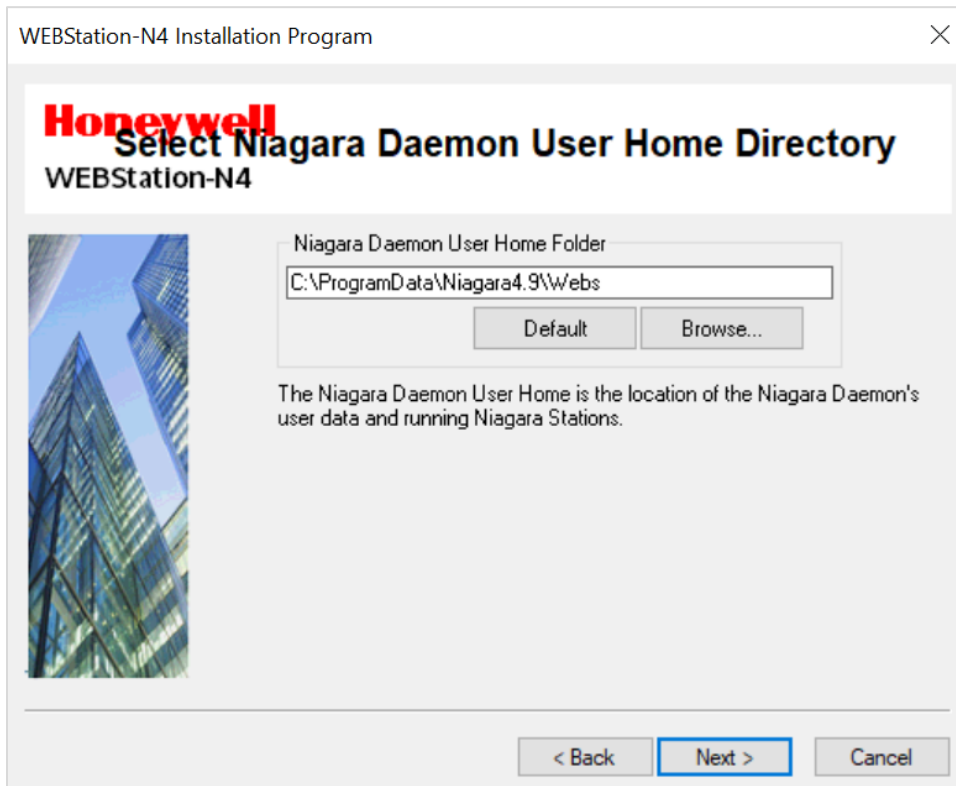
By default, the directory is created under *C:\ProgramData\Niagara4.9\Webs* as shown below.

If this path does not exist, the installer displays warning message, click **Yes** to create the folder.

Or

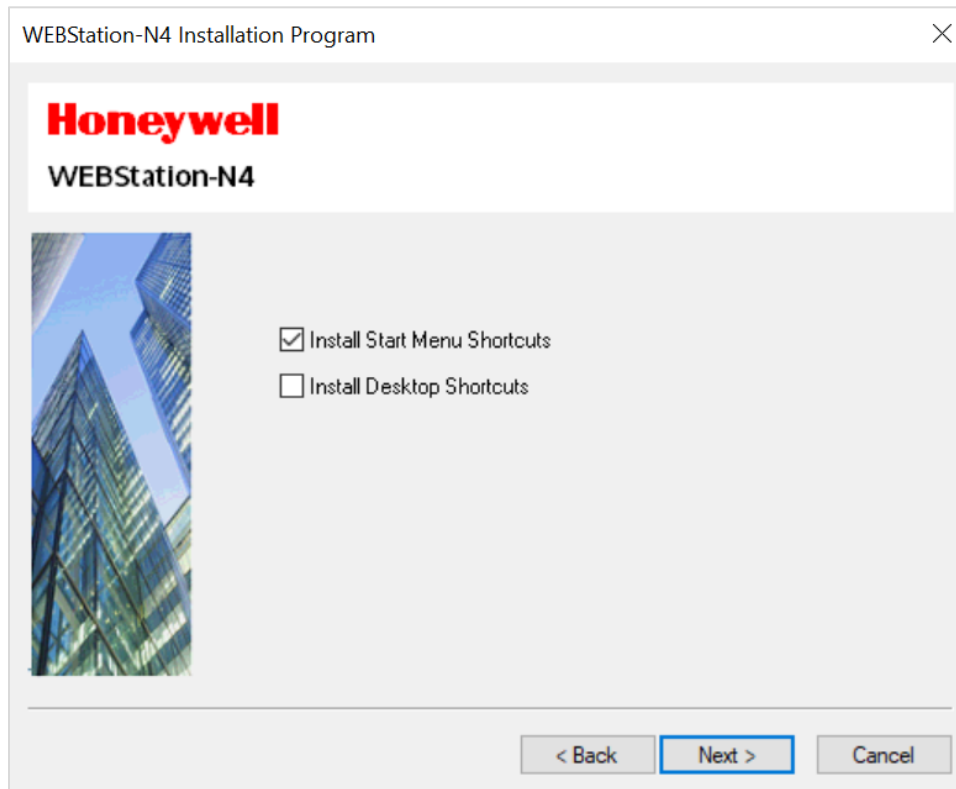
If you want to install the WEBStation-N4 in the other directory, click **Browse** to change the path,

8. Click **Next** to continue.



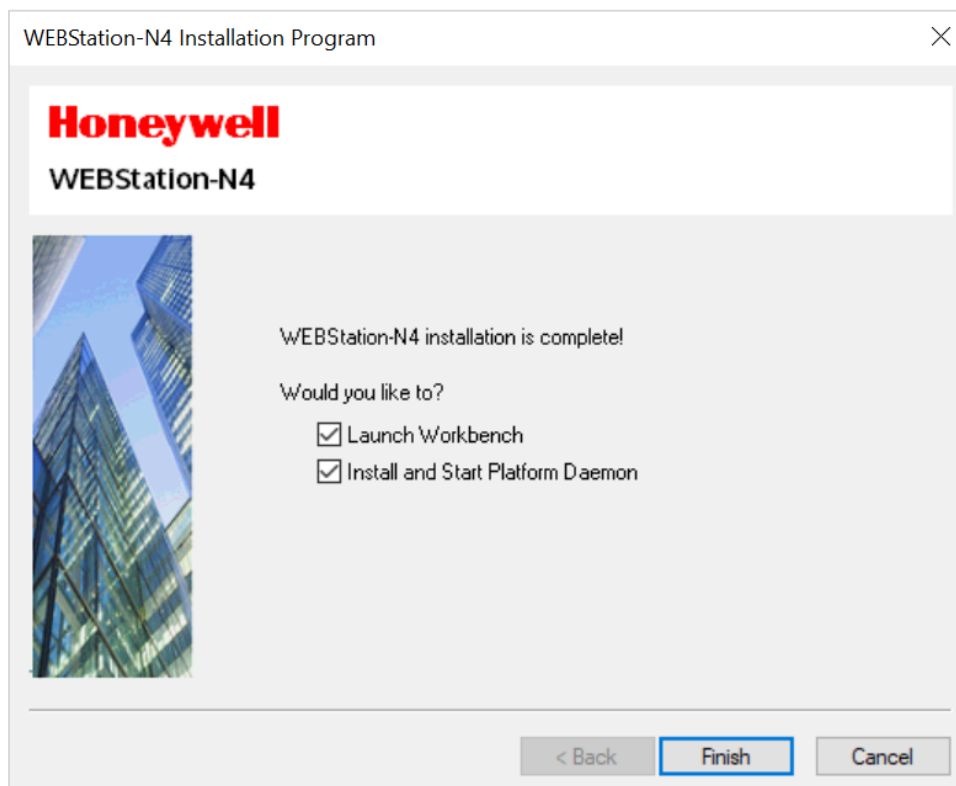


9. If user want to create Start Menu or Desktop shortcuts, select the shortcuts options.
10. Click **Next** to run the installation.



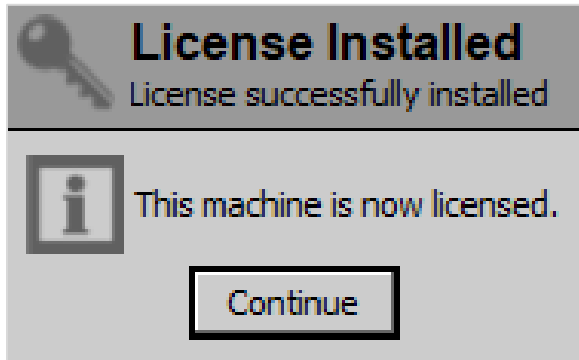
After completing of the installation, the installer displays message “WEBStation-N4 installation is complete”.

11. Select the required options and click **Finish** to complete the installation process.



Once the installation completes. The WEBStation-N4 launch the workbench and the machine installs license automatically.

12. Click **Continue** to run WEBStation-N4 workbench.



WEBs-N4 Workbench opens as shown below.

