

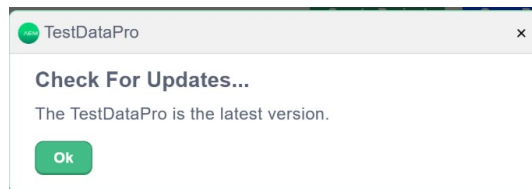
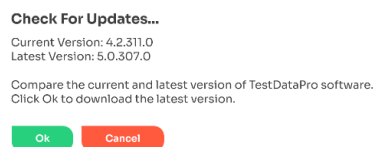
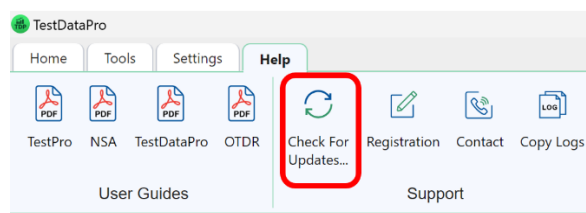


Updating TestPro/NSA Firmware and TestDataPro PC Software

This article describes the processes used to update the Firmware for your TestPro CV100 Multifunction Cable Certifier or Network Service Assistant (NSA) as well as TestDataPro PC Software for test records management. The software update is addressed first.

TestDataPro PC Software update:

- To check the version of your TestDataPro PC software, click on Help tab, then click Check For Updates. A dialog box will indicate your current version and whether or not there is an update available. If your version is 5.0.307.0 or higher, you can click the green Ok button and download a new version. If your current TestDataPro version is 4.2.xxx.x or lower, proceed to step 1 below for instructions on downloading from our website. TestDataPro may also be downloaded from the Microsoft Apps Store. *Special Note: Version 5.0 is compatible with Windows V.10 V 17633 and newer. If you have an older version of windows, please contact AEM technical support for a special version of TestDataPro that supports older Windows operating systems.*



If an update is available, and your current version is 5.0.307.0 or higher, click OK and a download window will open, navigate to a download location of your choosing on the PC and save the file.

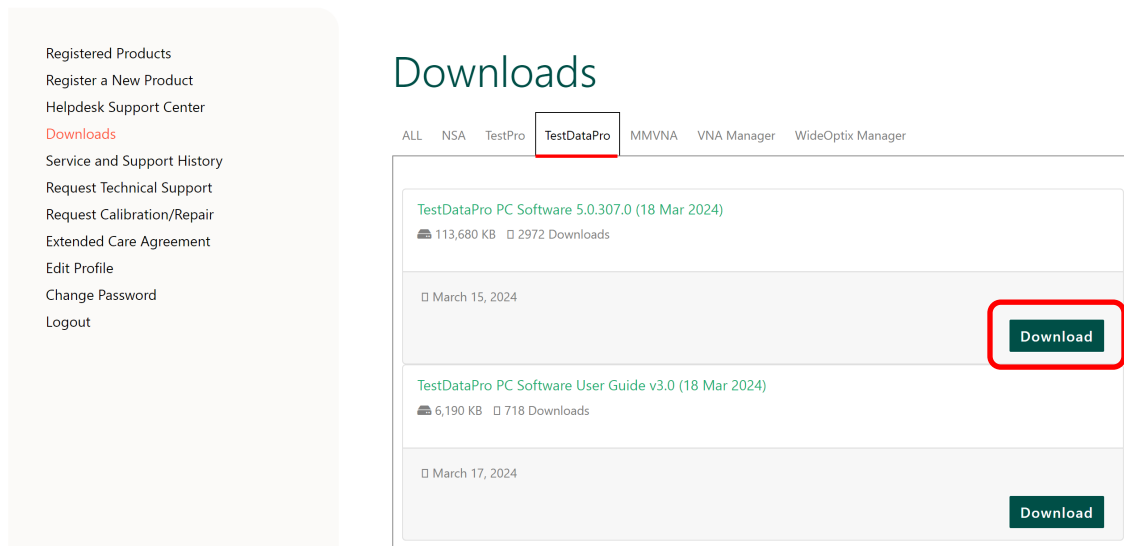
The installer file you will be downloading, as an example for the 5.0.307 release, is "TestDataPro_Installer_5.0.307.0_x64" file and is an MSIX file. Installation is as described below beginning with step number 8.

1. Go to www.aem-test.com and click the “hamburger button” in upper right, then click My Account in upper right of the window that appears.
2. Login to your account or create one and you will be logged in.
3. Once logged in, click on Downloads on the left side of the page.
4. In the Downloads section, click the tab for TestDataPro.

Downloads



5. Click the Download button for TestDataPro PC Software version “x”, where “x” represents the current version, for example “5.0.307.0”.



6. Download to a location of your choosing on the PC.
7. After downloading, run the installer file and follow the on-screen instructions. If your computer asks you to allow the installer to proceed, grant the permission.
8. There should be a new desktop shortcut icon for TestDataPro (green AEM logo) on your desktop.

TestPro Firmware Update:

Downloading TestPro Firmware

Before performing the TestPro/NSA firmware update, make sure to export any test results you wish to save to a thumb drive. Also, remove any previously downloaded versions of the firmware update file (OSUpgrade.zip) from your PC download destination before downloading update.

The simplest method to update your TestPro/NSA is via a new feature implemented in TestDataPro PC software release v5.4.303.0, where TestDataPro detects that your TestPro/NSA has older firmware, then downloads and installs the update. Connect your TestPro/NSA handset to your computer using the included USB cable and follow the instructions in the short video at this [link](#). If updating a TestPro, be certain to update both the Main and Remote units separately.

The firmware update file can also be downloaded via the TestDataPro PC software (v3.4.303.0 and higher) by selecting the Tools tab and then clicking Download TestPro/NSA Firmware. This will download the OSUpgrade.zip file to your computer in the directory of your choosing.

The latest version of TestPro/NSA firmware may also be downloaded from our website, you will find it in the Downloads section of My Account in the TestPro or NSA tab. The information there will indicate a version and release revision number, for example "5.0.307" (version 5.0, rev 307) and have a download button.

After downloading, if the downloaded file shows a numeric suffix, for example: "OSUpgrade (1)", this indicates a previous firmware download file was in the download location. Find the older file(s) and delete it/them and rename the downloaded file to eliminate the numeric suffix and brackets so the file shows as OSUpgrade.zip before proceeding.

To install the firmware update, make sure your TestPro/NSA units are connected to AC charging adapter and powered on with the home screen displayed. Either of the following two methods may be used to update:

Firmware Installation Method 1 – using TestDataPro PC software with TestPro/NSA connected to PC via USB cable

1. Connect TestPro/NSA to PC using USB cable.
2. Open TestDataPro PC software and click on the Tools tab
3. Click on Upgrade Firmware, when the navigation window appears, navigate to the "OSUpgrade.zip" file on your computer, select the file and click the Open button in the navigation window.
4. A dialog box will appear advising to offload test results, if you've already done so or have no tests you need to save, click OK to proceed, a progress window will appear advising the upgrade process will take approximately 15 minutes
5. After a couple of minutes, a new notification window will appear advising the unit will reboot several times and not to power off the unit during the process. Once this notification appears in the TestDataPro software window, you will also notice the unit in the reboot process, at which point you may disconnect the USB cable from the handset.
6. ***For TestPro, the firmware update must be performed on both Main and Remote units, as each contains its own operating system.***

Firmware Installation Method 2 – using USB flash drive (aka thumb drive)

1. Place the OSUpgrade.zip file directly onto a FAT32 formatted USB flash drive. We recommend not having other files on the drive (if you exported test results to the thumb drive, those are ok). The file should be in its zipped state, not extracted to a folder.
2. With the TestPro powered on, insert the USB flash drive into the TestPro.
3. When the USB menu appears on the display, select the Upgrade Firmware option and follow the onscreen instructions. Leave the USB drive in the TestPro/NSA until the installation has completed, this will take approximately 15 minutes and the unit will reboot several times.
4. The update is complete when you see the main display again, either on the Home screen or again on the USB menu.
5. Remove the USB drive from the handset.
6. ***For TestPro, the firmware update must be performed on both Main and Remote units, as each contains its own operating system.***