Automated Test & Verification System ATV-25

Firmware Update



Allied Analogic, Inc.

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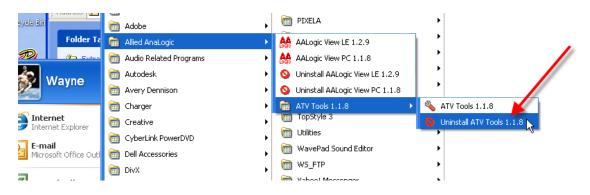
ATV-25 Firmware Update Overview

This document shows the steps to update an ATV-25 test set. The versions used in this example may change in future releases but the steps are the same.

You can use an existing version of ATV Tools or update to the latest version. To update your ATV Tools, first uninstall your current version.

Uninstall ATV-25 Tools (Optional)

Previous installations of ATV Tools must be uninstalled before a new version can be installed. Go to Start > All Programs > Allied Analogic and look for any versions of ATV Tools. Click on ATV Tools and then click the uninstall option as shown below.

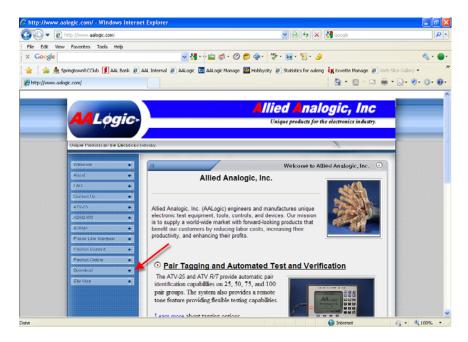


Click Yes when the confirmation dialog is displayed. The computer will now uninstall the existing program. You will not be prompted but it is a good idea to restart the computer when the uninstall is complete.

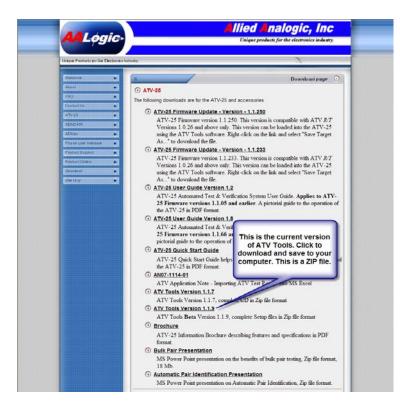
Windows Installer	\mathbf{X}
Are you sure you want to uninstall this product?	
Yes No	

Downloading the Latest ATV-25 Tools

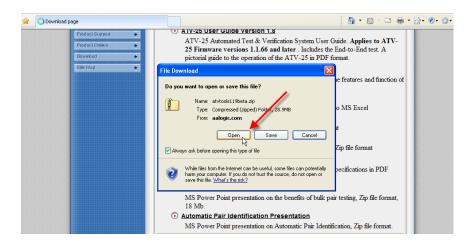
Download the latest version of ATV Tools from the Download page at <u>http://www.aalogic.com</u>. Click the Download page button after the homepage is loaded.



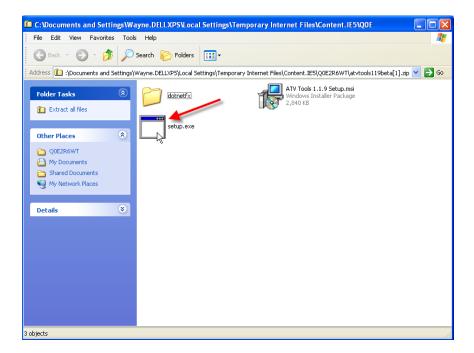
The Download page lists all the options available for our products. Scroll down the page and locate the latest version of ATV Tools, Version 1.1.9 Beta in this example.



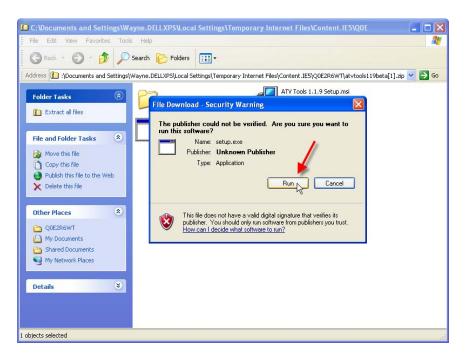
Click on the link and then click open. It is not necessary to save the file to your computer but you may if you prefer.



Wait for the link to open. Click on the Setup.exe file to start the installation process.



A download security warning may be displayed. Click Run to continue.



The installer program will start. You may not have removed a previous version if you see an error message. Click Next to continue the installation.

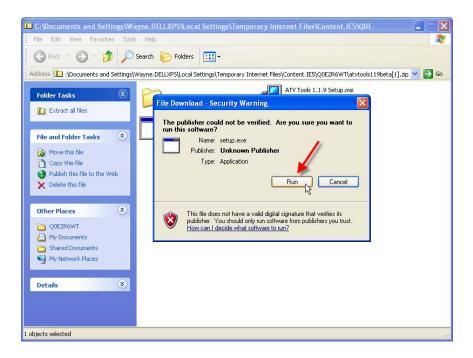
🛃 ATV Tools 1.1.9
The installer will guide you through the steps required to install ATV Tools 1.1.9 on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel < Back

Select a location to install ATV Tools. We recommend using the default location as that is helpful should you need additional support. Click the Everyone option to ensure anyone using the computer will also be able to use ATV Tools.

🛱 ATV Tools 1.1.9	
	AALøgic>
The installer will install ATV Tools 1.1.9 to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	low or click "Browse".
<u>F</u> older:	
C:\Program Files\AALogic\ATV Tools 1.1\	B <u>r</u> owse
	Disk Cost
Install ATV Tools 1.1.9 for yourself, or for anyone who uses this computer	:
⊖ Just <u>m</u> e	
Cancel< <u>B</u> ack	

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You may see a security warning. Click RUN to continue.



The installer is now ready to complete the installation. Click Next to Continue.

B ATV Tools 1.1.9	
	AALøgic-
The installer is ready to install ATV Tools 1.1.9 on your o	omputer.
Click "Next" to start the installation.	
Cancel	< <u>B</u> ack <u>Next</u> >

This installation will be completed and you will see an Installation Complete dialog. Click Close to finish the installation.

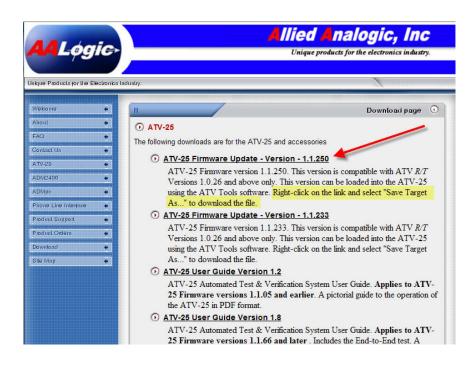
🛱 ATV Tools 1.1.9	
Installation Complete	AA Løgic
ATV Tools 1.1.9 has been successfully installed. Click "Close" to exit.	
Please use Windows Update to check for any critical updates to the .NET	
Cancel < <u>B</u> ack	

Your desktop will now have an ATV Tools Icon like the one in this picture.



ATV-25 Firmware File

The ATV-25 firmware update file can be downloaded from the Download page of the AALogic website or may be emailed to you. The file will have a .MOT file extension. The figure below shows the ATV-25 Update file for version 1.1.250. You must right-click and click Save As... to save the update file to a convenient location on your computer. We suggest you save it to the Desktop for convenience.

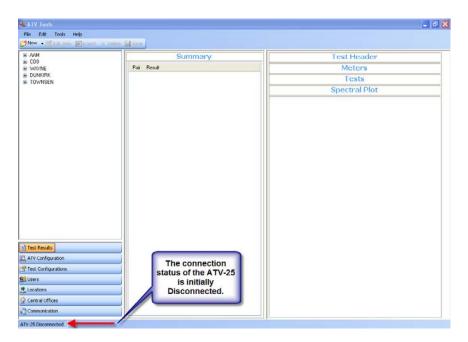


ATV-25 Firmware Update – ATV Tools Steps

Starting ATV Tools

Click the ATV Tools Icon to start the program. You can also go to Start > All Programs > Allied Analogic and select the program from there.

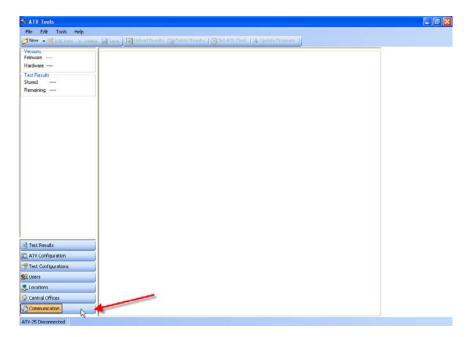
The ATV Tools program will load and display the main screen. The ATV-25 should not be connected at this time and the status will indicate Disconnected.



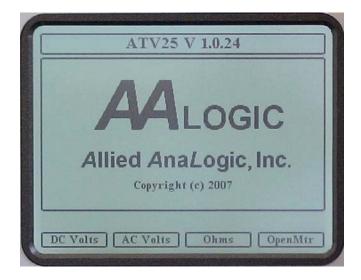
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Connecting to the ATV-25

Click the Communication button to see the Communication screen.



Turn on the power for the ATV-25 to be updated. Connect the power supply if needed. The ATV-25 displays the idle screen. It is not necessary to press any buttons on the ATV-25.



Connect a USB A-B cable from the PC to the ATV-25. A cable was provided with the ATV-25 for your convenience.



The ATV-25 automatically detects the USB connection and displays the USB Remote Mode Screen. The ATV Tools program will automatically connect to the ATV-25 and display the version and serial number. It will also display the Update Firmware button on the tool bar.

Updating the Firmware

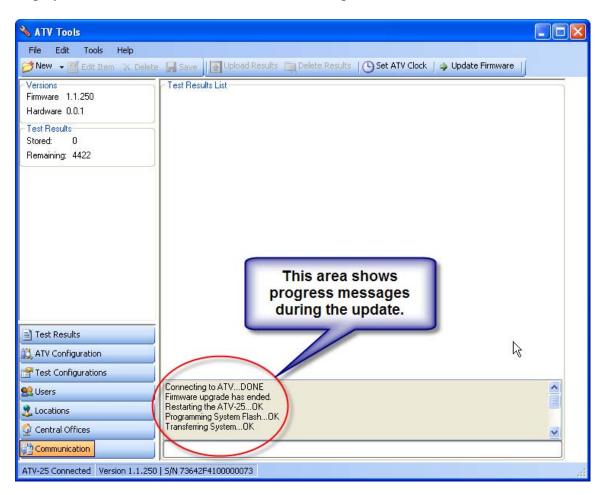
Click on the Update Firmware button on the toolbar. The Open file dialog is displayed. Navigate to the MOT file you received in email or downloaded from the website. The Desktop is used in this example. Click on the file, ATV25v11250.mot in this example, and click Open.

Open		? 🗙
Look in:	🞯 Desktop 🛛 🕑 🎓 📂 🛄 -	
My Recent Documents	 My Documents My Computer My Network Places ImageMixer destination folder AALogic OpenOffice.org 2.4 (en-US) Installation Files Test Results tp DivX Movies Fling - ATT ATU25v11250.mqt 	
My Documents	Type: MOT File Date Modified: 12/4/2009 12:30 PM Size: 545 KB	
My Network)pen ancel

The Upgrade Confirmation dialog is displayed. I shows the current version and the new version. Click OK to continue the update.

🔌 ATV Tools	
<u>File E</u> dit <u>T</u> ools <u>H</u> elp	
Versions Firmware 1.1.249 Hardware 0.0.1 Test Results Stored: 0 Remaining: 4422	tete
Test Results	
Test Configurations	
😫 Users	Checking M0T file for compatibility0K
2 Locations	Opening MOT fileOK
Central Offices	
Communication	
ATV-25 Connected Version 1.1.2	49 5/N 73642F4100000073

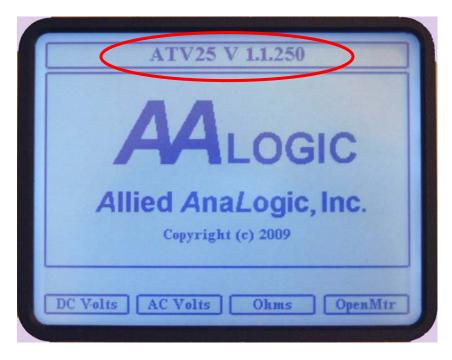
ATV Tools will communicate with the ATV-25 and update the firmware. Progress messages are displayed. The ATV-25 will reset at the end of the process. This is normal.



The new firmware version is now displayed in the ATV Tools program. A problem occurred if the version number does not match the new version and the update must be repeated.

🔦 ATV Tools	
File Edit Tools Help	
📂 New 👻 🗹 Edit Item 🕆 I	Delete 🔚 Save 🛛 🔂 Upload Results 🚞 Delete Results 🛛 🕒 Set ATV Clock 🛛 🤿 Update Firmwa
- Versions Firmware 1.1.250 Hardware 0.0.1	- Test Results List
Test Results	
Stored: 0 Remaining: 4422	
Test Results	The new ATV-25 firmware version is displayed.
ATV Configuration	
Test Configurations	
👥 Users	Connecting to A DONE Similar t
a Locations	Programmy System FlashOK
🔮 Central Offices	Transfeing SystemOK
Communication	
ATV-25 Connected Version 1.1	1.250 S/N 73642F4100000073

Unplug the USB cord from the ATV-25. The ATV-25 will reset and display the idle screen. The current firmware version is displayed at the top of the screen. This must match the version that was just loaded. Repeat the update if the version number is incorrect.



This completes the firmware update.