

Software Installation: AASPI Windows Installation

AASPI Windows Installation



This guide shows a step-by-step installation, running, and uninstallation of AASPI software on Windows machine.

Compatibility

Currently we support 64-bit Windows XP, 7, 8, 8.1, and 10, with Intel processors.

Prerequisites

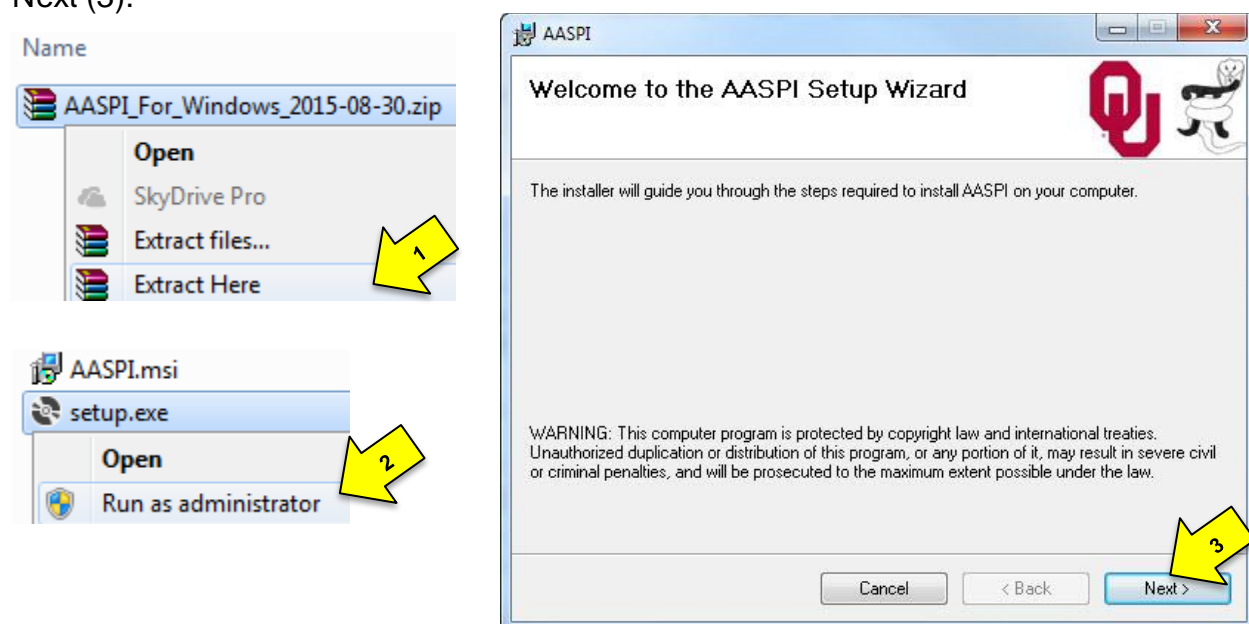
AASPI software has the following prerequisites:

1. Visual C++ 2010 Redistributable Package x64
2. Visual C++ 2012 Redistributable Package x64
3. Visual C++ 2013 Redistributable Package x64
4. Python 2.7.5 x64 or higher (only required for windows XP x64)

The prerequisite setup files are located in “Prerequisites” folder in the same location with the installation zip package. If your machine did not have the above prerequisites, please install them before setting up AASPI software.

Installation

First, download and extract AASPI_For_Windows_yyyy-mm-dd.zip (1) (yyyy-mm-dd stands for the release date). Go to the extracted directory. Right click on setup.exe and choose “Run as administrator”. You need administrative credential to continue. Click Next (3).



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Specify where to install AASPI software (4). The default location is C:\Program Files\AASPI.

By default, the setup will install a shortcut for every user (5). Click Next (6)

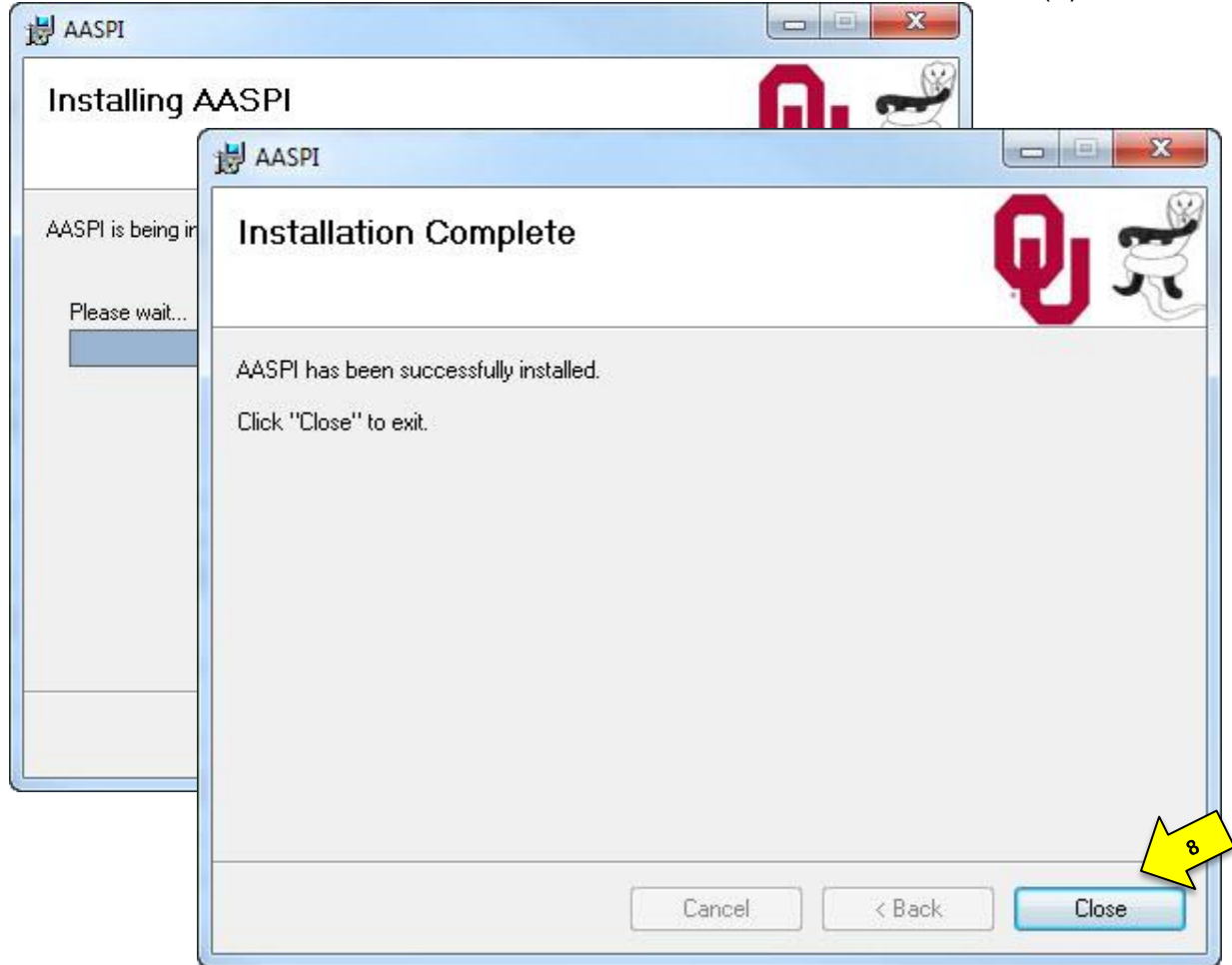


Click Next to start the installation (7).



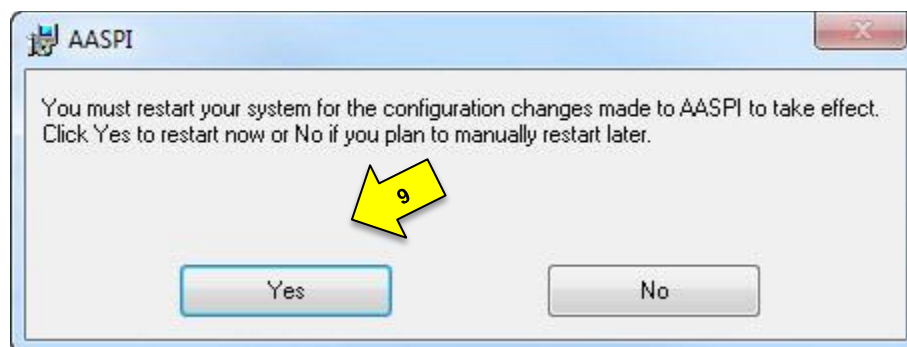
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Please wait several minutes for AASPI installation. After that, click Close (8).



IMPORTANT

Please restart the computer after finishing installation (9) for the environment variables to load.



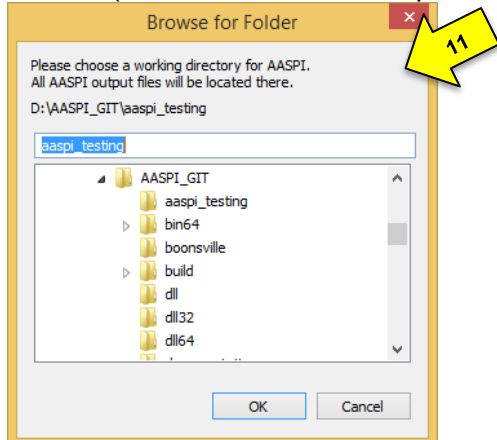
Running AASPI

To start AASPI, simply double-click AASPI shortcut on desktop (10).

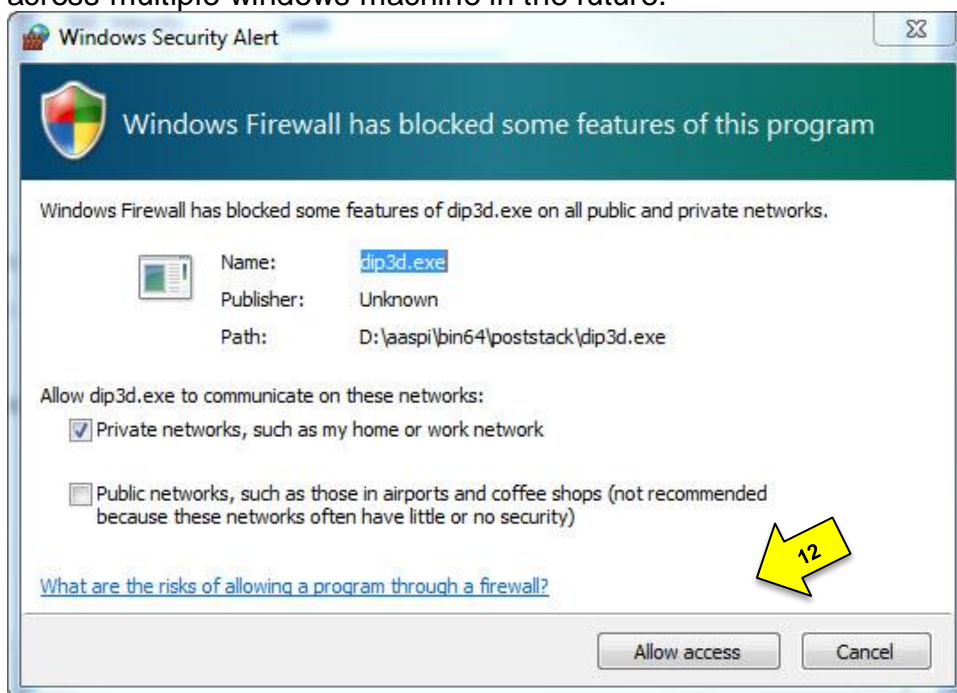


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A directory browser will pop up (11), allowing you to change the working directory of AASPI (i.e. where AASPI output files to). Navigate to the desired directory and click OK.



While running MPI-related programs (such as dip3d, image_filt_3d, etc...), the following window may pop up. Please click Allow access (12). This is Windows Firewall Notice. By allowing network access for MPI-related programs, AASPI could be able to run across multiple windows machine in the future.



AASPI File Locations

By default, AASPI software is located in C:\Program Files\AASPI. This is defined as AASPIHOME environment variable.

After the first run of AASPI software, AASPI user folder is created under C:\Users\<username> (Windows 7) or

C:\Documents and Settings\<username> (Windows XP).

For example: AASPI folder for user "Thang" in Windows 7 is C:\Users\Thang\AASPI.

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This is the default place where AASPI output files (*.H, *.parms, *.out, *.err, etc.) would be located. Each user has his/her own AASPI folder.

You could choose a different location for AASPI to output files whenever you start running AASPI from the desktop shortcut.

Run AASPI from current folder

By running AASPI from the desktop shortcut, you can change AASPI working directory every time you start AASPI. However, if you wish to skip the directory-browsing step, there is another way to run AASPI from your desired location:

1. Go to %AASPIHOME%\main (i.e. C:\Program Files\AASPI\main).
2. Copy "aaspi_run_from_current_folder.bat" to wherever you want AASPI output files to be.
3. Run "aaspi_run_from_current_folder.bat" from the place you just copied it to. You might want to make a different shortcut to this file on desktop for convenience.

Note: in this manner, AASPI will output its files to the same place for all users. Please make sure all users have write permission to that place.

Uninstall AASPI

Go to Start → Control Panel.

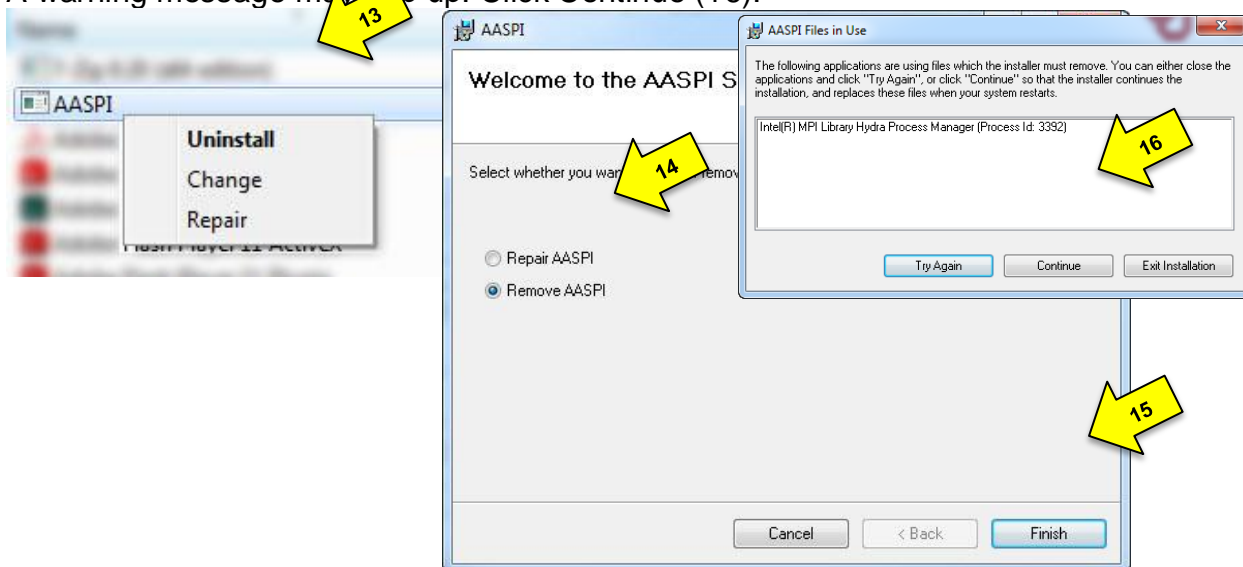
For Windows 7 or higher: under "Programs", click "Uninstall a program".

For Windows XP: double-click "Add/Remove a program".

Right click on AASPI and choose Uninstall (13).

Choose Remove AASPI (14) and click Finish (15).

A warning message may pop up. Click Continue (16).



It is recommended, but not required, to restart the computer after the uninstallation.

For complete removal, please delete all AASPI users' folders:

C:\Users\<username>\AASPI (for Windows 7) or

C:\Documents and Settings\<username>\AASPI (for Windows XP)

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If you already run AASPI from a different folder (mentioned in the section above), please also remove it.