
USER GUIDE
MAN0127 rev 4

ASPECT®-Studio Installation



Style conventions used in this document:

UI Text: Text that represents elements of the UI such as button names, menu options etc. is presented with a grey background and border, in Tahoma font which is traditionally used in Windows UIs. For example:

Ok

Standard Terms (Jargon): Text that is not English Language but instead refers to industry standard concepts such as Strategy, BACnet, or Analog Input is represents in slightly condensed font. For example:

BACnet

Code: Text that represents File paths, Code snippets or text file configuration settings is presented in fixed-width font, with a grey background and border. For example:

```
$config_file = c:\CYLON\settings\config.txt
```

Parameter values: Text that represents values to be entered into UI fields or displayed in dialogs is represented in fixed-width font with a shaded background. For example

10°C

Product Names: Text that represents a product name is represented in bold colored text. For example

INTEGRA™

Company Brand names: Brands that are not product names are represented by bold slightly compressed text:

ABB Active Energy

PC Keyboard keys: Text representing an instruction to press a particular key on the keyboard is enclosed in square brackets and in bold font. For example:

[Ctrl]+[1]

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This guide illustrates the steps required to install ASPECT-Studio onto your computer. Please review the following information prior to attempting an installation. All steps provided within this document should be followed to ensure error-free installation.

SYSTEM REQUIREMENTS

Before installing ASPECT-Studio, your PC must meet the following system requirements in order to efficiently install and execute ASPECT-Studio:

OPERATING SYSTEM (32 AND 64-BIT)

- Windows® 10
- Windows 8

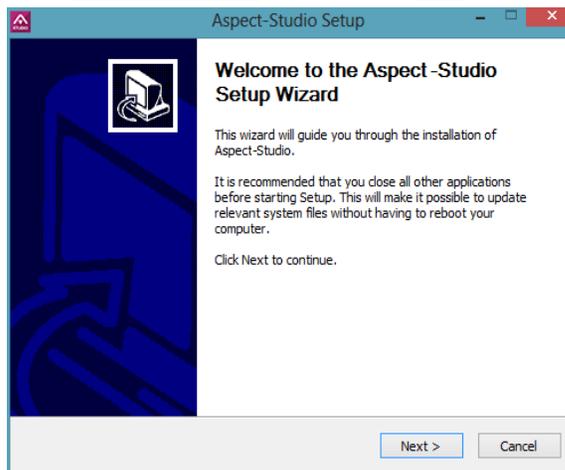
HARDWARE REQUIREMENTS

- Intel-based processor 2GHz or higher
- 2GB of RAM
- Ethernet Adapter
- USB Port - for software copy protection key

INSTALLING ASPECT-STUDIO

To install ASPECT-Studio onto your computer, perform the following steps:

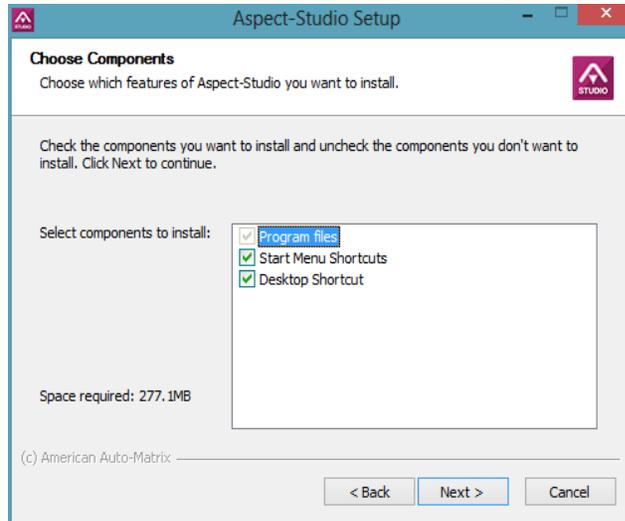
1. Exit any programs currently open or running of your computer.
2. Attach the ASPECT-Studio media to your computer. The ASPECT-Studio installation wizard should start automatically. If it does not, navigate to the CD and run the `AspectStudio.exe` program.
3. You will be welcomed to the Aspect-Studio Setup wizard. Click Next to continue.



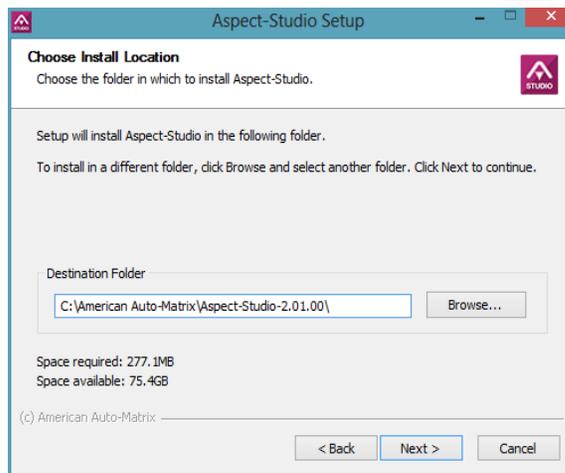
ASPECT®-Studio Installation | Installing ASPECT-Studio

- You will be prompted to select components for installation. You can choose whether or not to install a Start Menu shortcut, as well as a Desktop Shortcut. Click Next to continue.

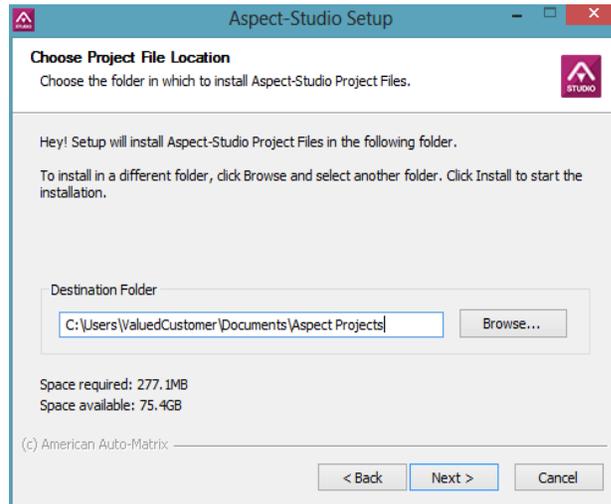
Note: The Program Files option is always checked to ensure ASPECT-Studio installs.



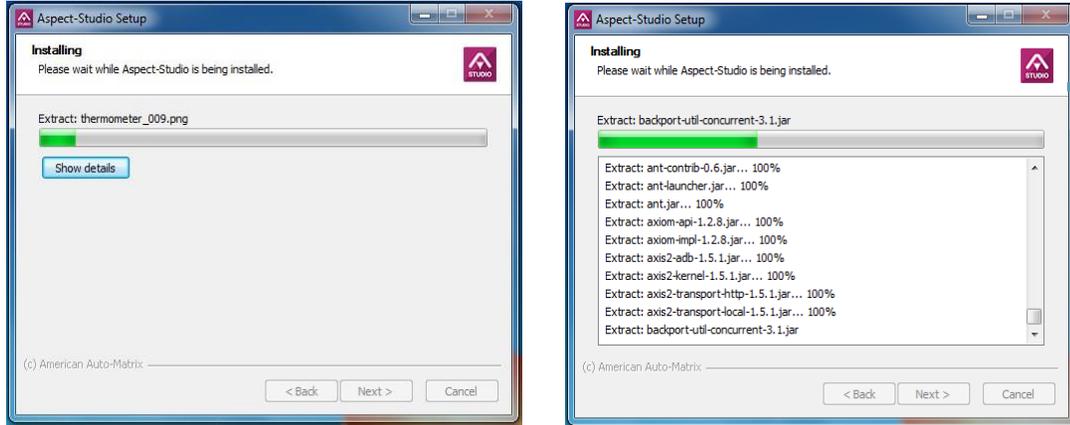
- The installer will prompt you to select an installation folder. The default installation folder is `C:\Cylon\Aspect-Studio-<version number>`. If you choose to change the default installation folder, click `Browse...` and select your desired file path. When finished, click Next.



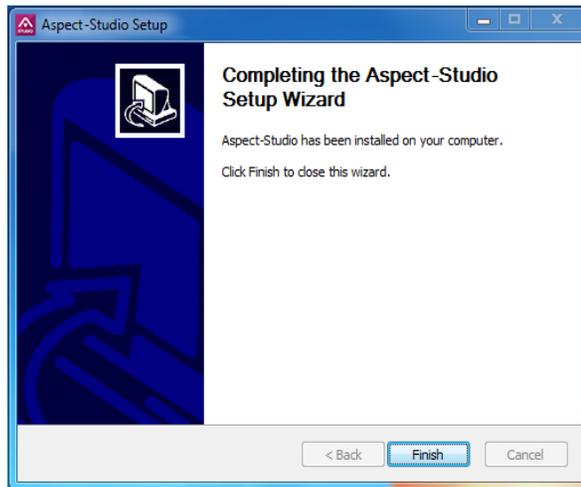
- The installer will prompt you to select a default location for where Project Files will be stored. Project Files are the working files used to create ASPECT projects, which are then later deployed to a target. By default, the installer defaults to your Windows user Documents folder, and will create a directory named `Aspect Projects`. If you choose to change the default folder, click `Browse...` and select your desired path. When finished, click `Install`.



- The installation process will begin to copy all the necessary files onto your computer. A progress bar displayed in the window will display progress. If you wish to see the status of files being copied and installed in real-time, click the Show Details button.



- When the installation process is complete, a 'Completed' message will appear in the window. Click Close.



LICENSING ASPECT-STUDIO

ASPECT can be licensed using either hardware-based (Dongle) protection, or software-based "Dongle Free" protection.

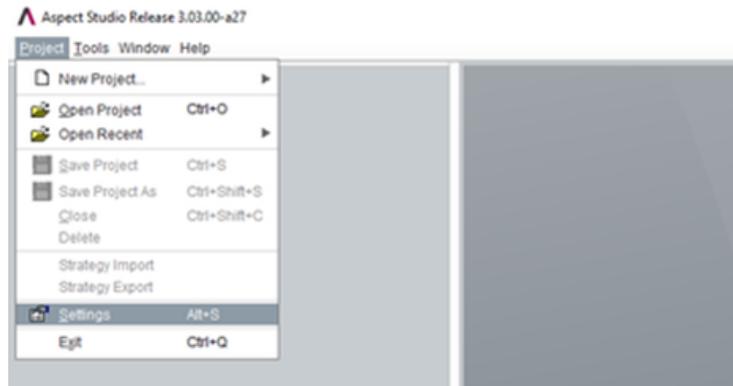
DONGLE-FREE LICENCING

If you would like to license ASPECT-Studio using a Dongle Free soft key, then you must request a license from Cylon.

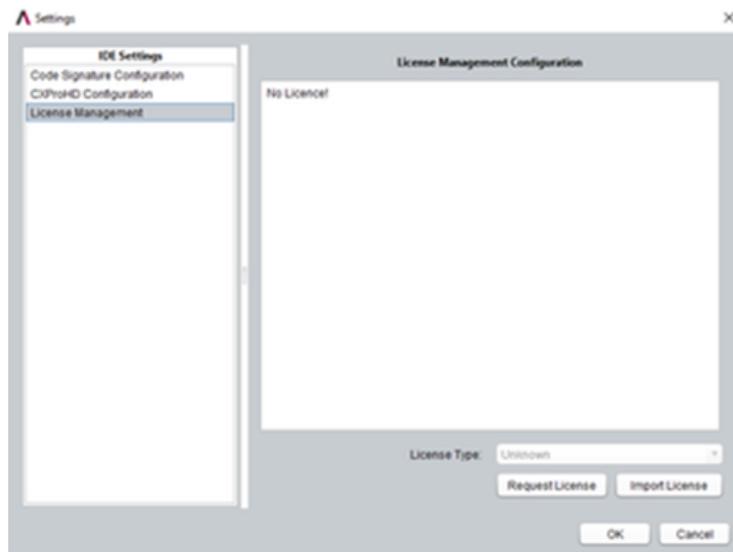
Request a Dongle Free License

In order to enable ASPECT-Studio's Dongle Free license you must create a license request file that contains a unique hardware ID from your machine and send it to Cylon. Cylon will in turn create a Dongle Free License file with the appropriate license tokens and expiry dates and return it to you for you to import into ASPECT-Studio.

Select **Settings** from the **Project** Menu

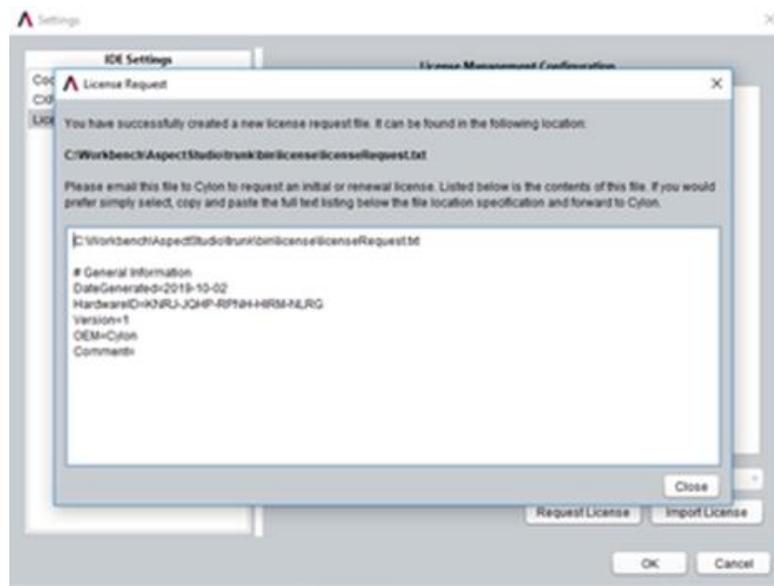


In the **Settings** dialog, select **License Management** and click the **Request License** button:



You will be prompted to choose a name and location for the license request file. By default, the file location is the `\license` folder in your ASPECT-Studio installation folder.

Send the License Request File to Cylon



After your license request file has been created, it will be displayed in a dialog window with the text location of the file printed in the first line of the display window, which can be cut & pasted to locate the file.

If you already have a dongle free license file, the current file will be included in the request.

If this is the first request for a dongle free license, the file will simply contain the information included in the **General Information** section of the file with the most important piece of information being the **hardware id**.

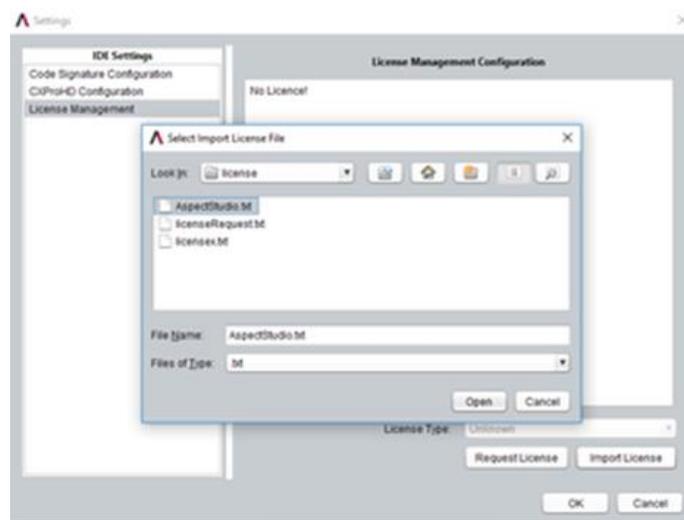
Import a Dongle Free License

When your request is processed by **Cylon**, you will receive a Dongle-Free License file by email. To apply this license file to your copy of **ASPECT-Studio**,

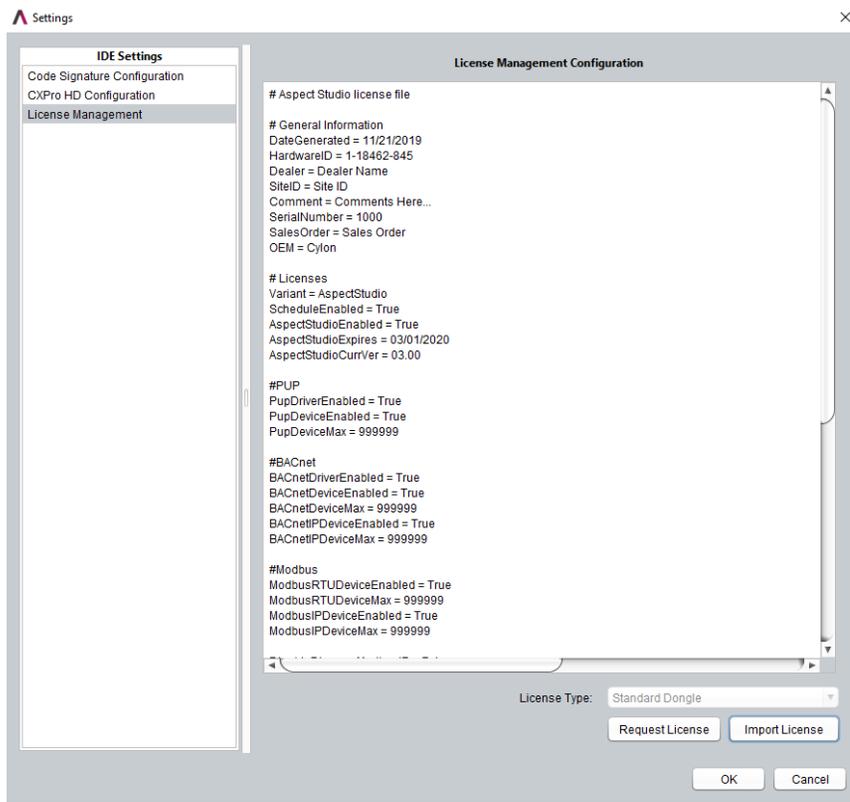
Save the license file to your local disc,

Select **Settings** from the **Project Menu** to open the **Settings** dialog and click the **Import License** button.

Locate the license file and click the **Open** button



Once the Dongle Free License has been successfully imported it will be displayed in the **License Management Configuration** console as shown below, with the License Type set to "Dongle Free".



Note: If you have used dongle licenses in the past and you have a valid dongle license file and a Sentinel dongle connected, then ASPECT-Studio will show the License Type as "Dongle" instead of "Dongle Free". In this case you must disconnect the Dongle to enable the Dongle Free license.

HARDWARE DONGLE BASED LICENCING

ASPECT-Studio continues to support the Dongle License model using the **Sentinel SafeNet** dongle. If you have a valid Dongle License file and a working dongle it will continue to function as it did for earlier (pre-Dongle Free) versions of ASPECT-Studio.

How to install a Dongle-based License

If you have purchased a Dongle-based version of **ASPECT-Studio**, you will require a software license file (available on your **ASPECT-Studio** CD), to be present on your PC along with the physical USB License Key supplied in the **ASPECT-Studio** CD case. You must install both the license file and software drivers for the USB License Key prior to using **ASPECT-Studio**.

Note: The supplied software license file and physical USB License Key reference one another. Using a mismatched license file and USB License Key will prevent **ASPECT-Studio** from launching.

Installing the Software License File

ASPECT provides a product licensing interface for enabling products and features. The license file itself is a plain-text, human readable file that contains information on enabled features, product, and other items.

```
# Aspect Studio license file

# General Information
DateGenerated = 11/21/2019
HardwareID = 1-18462-845
Dealer = Dealer Name
SiteID = Site ID
Comment = Comments Here...
SerialNumber = 1000
SalesOrder = Sales Order
OEM = Cylon

# Licenses
Variant = AspectStudio
ScheduleEnabled = True
AspectStudioEnabled = True
AspectStudioExpires = 03/01/2020
AspectStudioCurrVer = 03.00

#PUP
PupDriverEnabled = True
PupDeviceEnabled = True
PupDeviceMax = 999999

#BACnet
BACnetDriverEnabled = True
```

The software license file required by **ASPECT-Studio** can be found on the installation CD for **ASPECT-Studio**. The file, when opened with a text editor or viewer will look similar to the one displayed in the image above.

Navigate to your computer's optical media drive and find the license folder. Within the license folder, locate a file named license.txt. You must copy this file into the \bin\license directory of your Aspect-Studio installation (e.g. C:\Cylon \Aspect-Studio 3.00.00\bin\license)

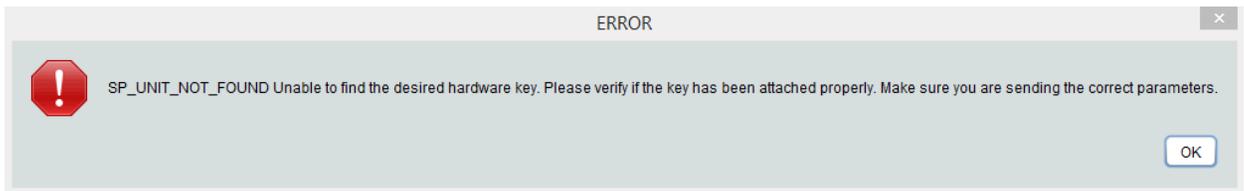
This same process should be used for license updates generated and sent to you by Cylon Inside Sales.

Note: The `license.txt` file used by **ASPECT-Studio** contains an encryption signature to ensure your license is protected. Do not attempt to edit or make changes to this file, as this will damage the file and invalidate your **ASPECT-Studio** license. If you wish to enable features not included with your license, please contact **Cylon** Inside Sales for additional assistance.

Installing the USB License Key Drivers

To install the USB License Key driver, run the `setup.exe` file located in `C:\Cylon`

Once the driver has been successfully loaded, insert your USB License Key. The USB License Key, included with your copy of **ASPECT-Studio**, must be inserted into an available USB port in order for **ASPECT-Studio** to execute. If you attempt to start **ASPECT-Studio** without the key present, or without installing the driver **ASPECT-Studio** will display a warning message and exit.





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