The following instructions will guide you the process of downloading, ordering and installing the SLATE AX Tool. The SLATE AX Tool software provides module configuration, creation of logic and a web editor tool for creating state of the art display screens.

If you have a previous version of the Niagara AX software we ask that you uninstall it if you are taking a SLATE training class. This way you will have clean system for the training.

If you are attending a training session please install the new software before attending the class.

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System Requirements

Hardware requirements:

- Windows 7, Windows 8, or Windows 10
- 64 bit OS recommended, 32 bit OK
- 4GB RAM or more
- 2GB free disk space on drive C
- 1024 by 768 display or better
- RJ-45 Ethernet jack
- Recent, reasonably fast computer

Software requirements:

- Administrator privileges on your PC
- Current version of the Chrome web browser: 43.x.xxxx or newer
- Java run-time environment as-installed by the Slate Tools installer
- Niagara AX version as-installed by the Slate Tools installer
- Niagara AX license installed as-obtained from SLATE support

Step 1: Download the SLATE AX Tool Installer

1. Go to **https://combustion.honeywell.com/user/login**
2. Sign in at the top of the page with the Username: **slatecustomer**
   and the password: **combustion1**
3. Click **SLATE HOME** at the top of the page.
4. Click **RESOURCES** at the top of the page.
4. If you are downloading SLATE Niagara for the first time, click on **SLATE AX 1.26 download**. This will install Niagara AX for SLATE as well as the SLATE Tool utility.
   - Full installer, about 750 MB
5. If you already have the SLATE Tools installed and just want to update to the latest version while preserving your work, you can use the link **SLATE UPDATE 1.26**
   - Updater, about 36 MB

About Licensing:

As a SLATE trainee or customer you will receive a permanent license that is bound to your computer via a text string called a "Host ID". As you proceed through the install, there will be a place where the Host ID for your machine is displayed. The Host ID will be labeled as "Host ID" and the letters and numbers in your particular Host ID will be different, but it will resemble this example:

Win-ADAA-FB01-2378-FEB4

Note that when this host ID is shown you also will see instructions about how to obtain a license by filling out a form or sending some information to Tridium. IGNORE THOSE ON-SCREEN INSTRUCTIONS. They are for other types of AX installations.

Step 2: Install – SLATE Tool AX Installer Program

If you are scheduled to attend SLATE training, please complete this step as soon as possible since we need to get a Host ID from you, generate a license for your PC, send it to you, so that finally you can install the license and perform a final checkout to make sure your PC is ready for the class.

If you have any questions regarding the install process please contact Emil Costea. Emil can be reached via phone at 763-954-5127 or emil.costea@honeywell.com.

To install the SLATE AX tool please follow the instruction below.

Locate the "SLATE….Setup.exe" installer program that you downloaded above and run it by double-clicking on its icon or its name, as usual for running any Windows installer. It may take several seconds before the install program starts, or even several minutes if you have a virus scanner running that checks a program before allowing it to run. The full SLATE Tools installer is very large, and it takes a while to scan it.

The following screen is displayed that will begin the SLATE AX installation.

Press the Next button to begin the installation.

The following screen will be displayed and you will be asked if you agree to the terms of the Licensing Agreement and the Terms of Use. Please click the "I agree" button to both of these requests.

Slate Tools Setup
Terms of Use
Please read the following Terms of Use agreement carefully.
TERMS OF USE OF SLATE PRODUCT
By using the SLATE Product in any manner, you agree to be bound by these Terms of Use.
1. SAFETY.
Appropriate safety precautions must always be taken and experienced installers and operators must be utilized when installing, setting up, operating or maintaining the SLATE Product. You understand and agree that hazardous burner conditions can happen with improper operations that may result in property loss, physical injury, or death and that the SLATE Product presents a fire or explosion hazard. Honeywell assumes no responsibility or liability for any injury or damage to any persons or property resulting from the use of the SLATE Product. Further, You represent and warrant that You will take appropriate precautions, establish appropriate procedures and post appropriate notices to ensure that persons and property are not harmed
I agree to the terms of this Terms of Use agreement
I do not agree to the terms of this Terms of Use agreement
< Back
Next >
Cancel

Step 3: Install – SLATE Tool AX Installer Program – AX Workbench

The SLATE AX program will start installing. The following screen is displayed showing the progress of the installation:

When you see the following screen please press the Next button to continue installing the tool.

For the next screen please also press Next to continue

Next a license agreement page for AX may appear. If so, accept the agreement and click Next.

You will then see the following screen:

Do not change the destination folder location or uncheck any items. Please click Next

Again, do not change anything on the screen (you will not need a desktop shortcut for this program) and press Next

The setup program will being installing the SLATE AX software.

When you see this screen do not do anything yet. Please simply read ahead now for a couple of pages so that you know what to expect, then come back to here and click “Finish” without changing anything in the dialog box above.

Click Finish which will be the final step of the installer for the AX (“Workbench”) program. Two things will have occurred:

1. Because the “Launch Workbench” checkbox is checked, the AX program will start up. This step will provide a host ID that will be used for licensing.

2. The SLATE Tool installer will continue with the next step, which is to install Java if needed.

As part of item 1 above, you will see some small gray dialog boxes appear and then close to be replaced by others and finally your web browser will launch and open a form. For item 2 it is simpler: you will see a Java install screen that appears. We’ll deal with item 1 first, so ignore the Java install screen as shown below for a moment.

Ignore this for now:

As AX launches for the first time, you will see a series (typically 3) of small dialog boxes informing you (if you are a fast reader) of progress as the AX program starts up for the first time. The first two will appear momentarily and disappear. The final one is misleading in a harmless way …

… because actually no request has been submitted yet.

Your web browser will open a form that would allow you to do that, but DON'T. **DO NOT FILL IT OUT OR SUBMIT IT.** You need this form because it tells you what your Host ID is, but you will get your license in another way:

The form that opens will look like this assuming that Chrome is your web browser – another browser will look slightly different, of course:

Again, this is a form that you **<u>should not submit</u>, but instead:**

Drag through the Host ID to select all of the text ("Win-5AEE-BCA5-CA15-0E42" in the example above) and then copy it. Please refer to Steps 6 and 7 to learn how to order and license the software.

Step 4: Installation – SLATE Tool AX Installer Program – Java

If your computer doesn't have Java or it has an older version the installation program will put a new version onto your computer. Please now press the Next button to install. [Note: if by chance you did this earlier that's fine. The only reason to do the final step of getting your Host ID and then doing the Java install in that order is to make the instructions easier to follow along with.]

When this screen appears, do not change any settings and press Install to continue

The Java installation screens are as follows:

When installation is complete, please press Close to continue.

This completes the installation provided by the SLATE Tool Installer program.
Please press Finish to close the installation program.

Step 5 (if needed) Installation – Chrome browser

The SLATE AX Tool uses the Chrome browser. If you don't have Chrome, you can obtain it through Google and install it. Open your web browser and type the following address:

www.google.com/chrome

When the web page load, locate the "Download now" button and follow the instructions.

While trying to download Chrome, you may see the following screen. Please press Run to continue to installing the browser.

The Chrome installer should be displayed indicating that the installation progress.

Once Chrome is installed the following screen will be displayed. You can close this window without entering any information if you prefer. For SLATE you just need the browser itself, you do not have to sign up for any Google services.

At this point you have successfully installed all of the software components required for the SLATE AX Tool.

Step 6: Initial Checkout

Before attending a SLATE training session or for general use please ensure that you can launch the tool successfully. If you encounter any issues please contact Emil Costea for additional assistance via phone at 763-954-5127 or emil.costea@honeywell.com

You should see the following icon on your desktop after the SLATE Tool installer is done. Please always use this icon to start the SLATE Tool in the future. You can also put it into your task bar or start menu of course. This is simply a shortcut to a standard Windows .exe program, like any other program on your PC. [If you do not see this icon, or you delete it accidentally, or something like that: it is simply a shortcut to the program that is here on your computer: C:\SlateTools\bin\SlateTool.exe]

Please double click on the SLATE Tool icon to start the program. You should see the following screen.

The number pointed to by the red arrow below tells you which version of the SLATE AX Tool is installed. If you had already sent your Host ID and obtained a license in response, and installed it then the "Open SLATE AX Tool" button would launch AX normally. But for your initial checkout of the program you won't have your license yet. In this case the button will again launch AX in the mode where you could apply to Tridium for a license- once again do not obtain the license through the Niagara Central website. Please proceed as highlighted in this document.

Click the "Open SLATE AX Tool" button as shown above.

You will next see a "wait" dialog for a while:

And then, if you do not yet have your license you will see several small gray dialog boxes that report the startup status and finally a browser form to apply for a license from Tridium. DO NOT SUBMIT IT. If you

didn't already request a license you could do that now by following the steps highlighted below. The installation is complete.
… this has proven that AX will (try to) launch from the SLATE Tools button. Close the browser and click Exit in the gray dialog box that says "Request submitted".

Next check the Web editor. Normally when used with a SLATE project the editor is launched via the button that is gray and barely visible in the bottom left corner of the image below. It turns dark after you select a project. However for initial checkout you do not have a project yet and there is another button named "Open SLATE Web Editor (Standalone)" that can be used to launch the editor independent from any particular SLATE development project.

Click the "Open SLATE Web Editor (Standalone)" button:

You should see this dialog box for a few seconds:

And then the Chrome browser should open (you must have already installed it, of course) and show you this page:

If you see that page you have a good installation of the web editor and you're all done with that part, until the training session, when use of the editor will be covered. Close the browser window.

Close the SLATE Tool window too. Until you get your license, you're done with installation and initial checkout.

Step 7: Ordering the Software

At this point you can order the software. If you are a distributor or OEM you will need to place an order for the software on Customer.Honeywell.com. If you do not have access to the Honeywell ordering system you will need to place your order through your local distributor. The part number to order is SLATEAXTOOL with a purchase price of $275. If you have any trouble with this process please contact Amy Davidson at amy.davidson@honeywell.com or at 763-954-5428.

When placing the order through the website, you will need to refer to host ID and reference an email address so the license can be sent to you. You can use shipping instructions text field to highlight those items.

Step 8: License Installation

Once you have received your license in your e-mail, save the zip file attachment onto your desktop. It will have a name that is your Host ID with .zip at the end. Here's an example:

It is a compressed folder that can be open by double-clicking, the same as any other folder on your PC (Windows knows how to open compressed/zipFile folders and show you the contents).

Inside of that folder will be one or two license files:

These files must be copied to this location:

C:\Slate Tools\Niagara\Niagara-3.8.38\licenses

Select the two license files and copy them. Then open a Windows Explorer view (click your Computer icon) and navigate to this destination folder:

And paste the two file into there. Of course you can also drag-and-drop them from the source window into the destination window. Whatever is easiest.

Once the licenses are copied in the correct location, the SLATE AX software is ready to run.

Final Checkout

Once again, double click the big blue S icon to start the SLATETool program (or launch it from wherever you set it up, such as your task bar).

The SLATE Tool software will show the startup screen below. And as you did before during Initial Checkout, use the "Open SLATE AX Tool" button to start the AX program:

The very first time that the SLATE AX Tool is started you will need to accept the End User Software Agreement. This agreement is always available for viewing by pressing the About in the SLATE Tool Program start page.

After accepting the agreement you should see this view, or something very similar:

If you see the above screen with the “Honeywell SLATE Tool” title in the large pane on the right side, then you have successfully installed all the components needed to use the SLATE AX Tool to create a design for your SLATE device.

If you did not check to make sure the editor would launch, you should do that now. See the steps about the editor starting on page 21 in the Initial Checkout section.

Done!

Once you have seen both the AX program’s startup screen and also the Editor’s stand-alone startup screen, you have proven that your PC is ready for the training session.