

Installation of MATLAB and Simulink

Contact: academicsupport@mathworks.com

IMPORTANT

Continue if you are 13 years or older.

(If below the age of 13, contact a teacher or mentor)

Make sure you have download permissions on the PC/Mac.

(If not, contact your parent/mentor/teacher for help)

Be prepared to spend 30-45 mins to complete MATLAB and Simulink install.

Note: If you are looking for instructions to install the **Simulink Library for VEX** (you need to install this library after installing MATLAB and Simulink), go [here](#).

System Requirements

Windows

Mac

Overview: Installation Steps

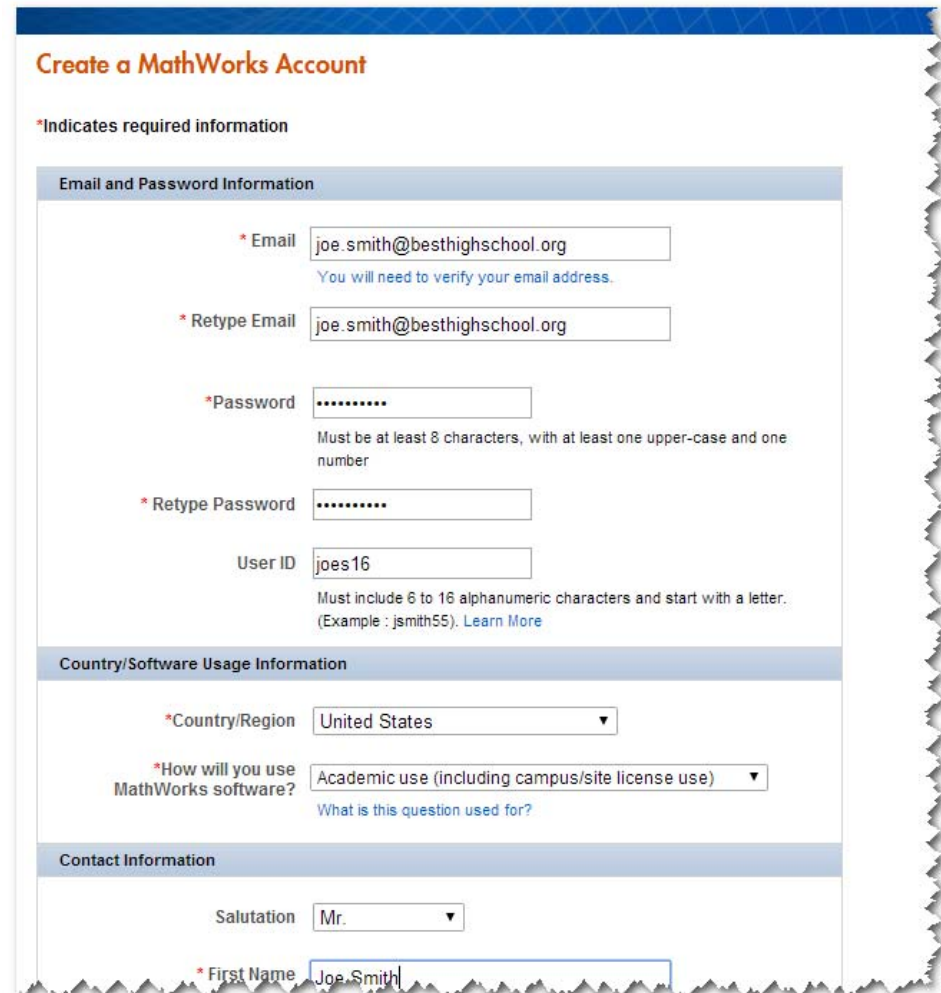
1. Create MathWorks account
2. Associate your MathWorks account to the license
3. Download the software
4. Install the software
5. Activate the software
6. Next Steps

Step 1: Create MathWorks Account

Go to <https://www.mathworks.com/accesslogin/createProfile.do>

NOTE:

- Remember your Email and Password information for later use
- For 'How will you use MathWorks software?', select "Academic use"



The screenshot shows the 'Create a MathWorks Account' web form. It is divided into three main sections: 'Email and Password Information', 'Country/Software Usage Information', and 'Contact Information'. The 'Email and Password Information' section includes fields for Email (joe.smith@besthighschool.org), Retype Email (joe.smith@besthighschool.org), Password (masked with dots), Retype Password (masked with dots), and User ID (joes16). The 'Country/Software Usage Information' section includes a dropdown for Country/Region (United States) and a dropdown for How will you use MathWorks software? (Academic use (including campus/site license use)). The 'Contact Information' section includes a dropdown for Salutation (Mr.) and a text field for First Name (Joe Smith). A note at the top indicates that asterisks (*) denote required information.

Create a MathWorks Account

*Indicates required information

Email and Password Information

* Email
You will need to verify your email address.

* Retype Email

* Password
Must be at least 8 characters, with at least one upper-case and one number

* Retype Password

User ID
Must include 6 to 16 alphanumeric characters and start with a letter.
(Example : jsmith55). [Learn More](#)

Country/Software Usage Information

*Country/Region

*How will you use MathWorks software?
What is this question used for?

Contact Information

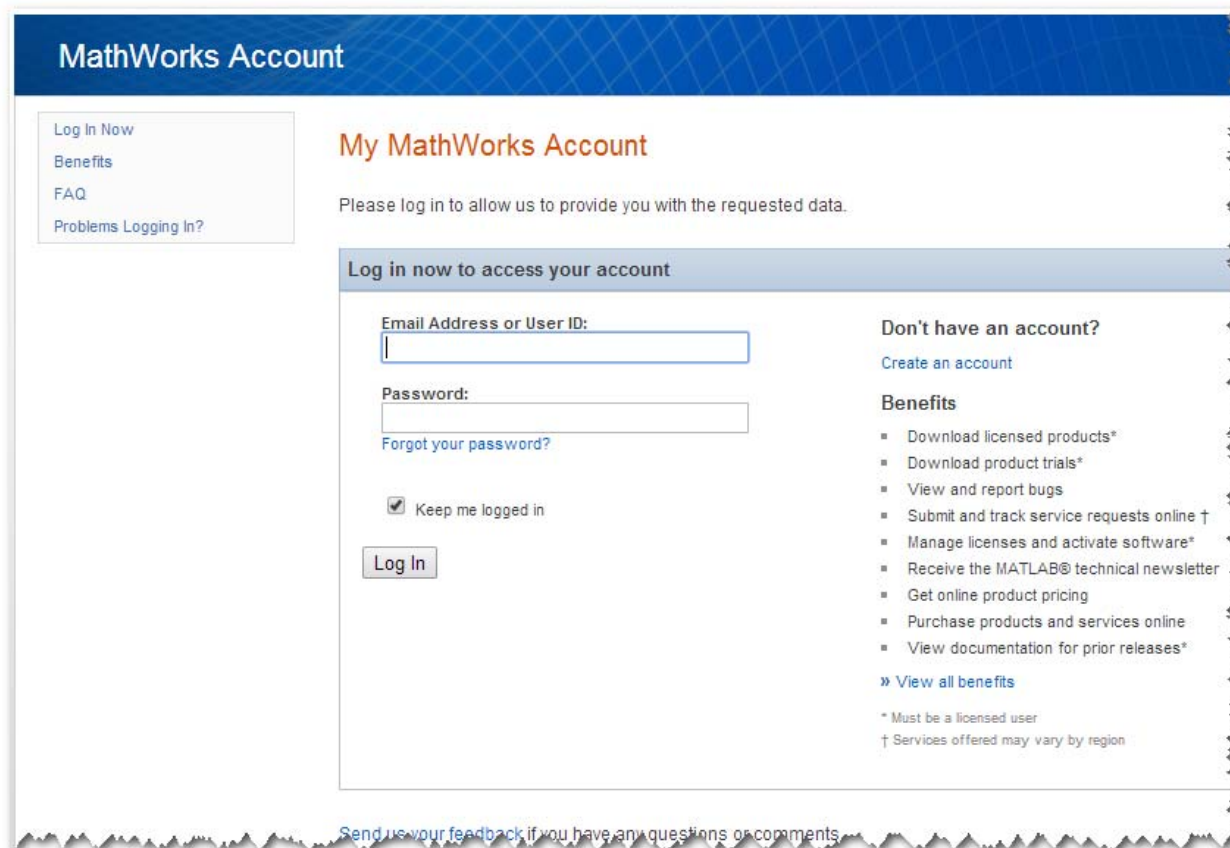
Salutation

* First Name

Step 2: Associate to a MathWorks License

1. Complete Step 1 (Create MathWorks Account)
2. Login to your MathWorks account here:

<https://www.mathworks.com/accesslogin/login.do>



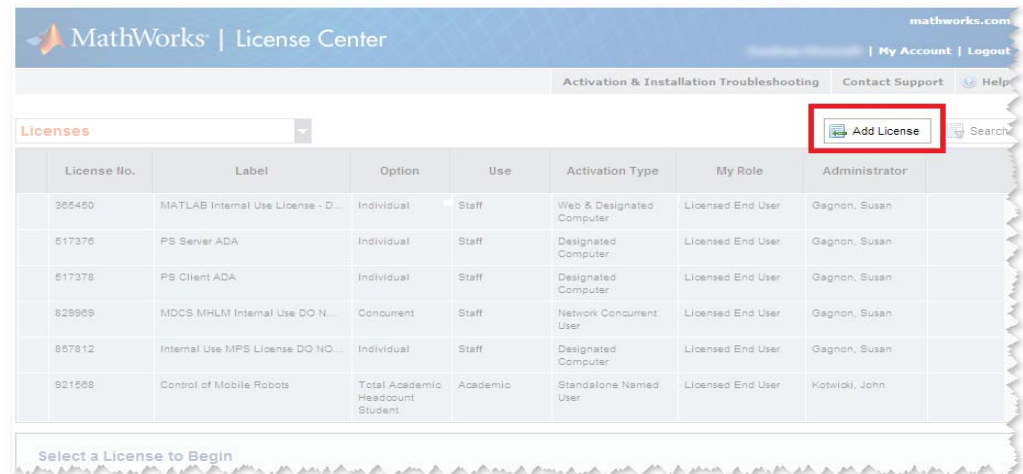
The screenshot shows the MathWorks Account login page. At the top, there's a blue header with the text "MathWorks Account". Below this, on the left, is a sidebar with links: "Log In Now", "Benefits", "FAQ", and "Problems Logging In?". The main content area is titled "My MathWorks Account" and includes a message: "Please log in to allow us to provide you with the requested data." Below this is a section titled "Log in now to access your account" which contains a login form. The form has two input fields: "Email Address or User ID:" and "Password:". Below the password field is a link "Forgot your password?". There is a checkbox labeled "Keep me logged in" and a "Log In" button. To the right of the login form, there's a section titled "Don't have an account?" with a link "Create an account". Below this is a "Benefits" section with a list of features: "Download licensed products*", "Download product trials*", "View and report bugs", "Submit and track service requests online †", "Manage licenses and activate software*", "Receive the MATLAB® technical newsletter", "Get online product pricing", "Purchase products and services online", and "View documentation for prior releases*". At the bottom of the benefits list is a link "» View all benefits". Below the benefits list are two footnotes: "* Must be a licensed user" and "† Services offered may vary by region". At the very bottom of the page, there is a link "Send us your feedback if you have any questions or comments".

Step 2: Associate to a MathWorks License

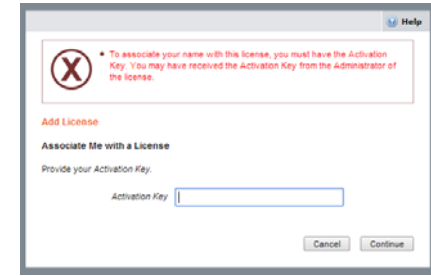
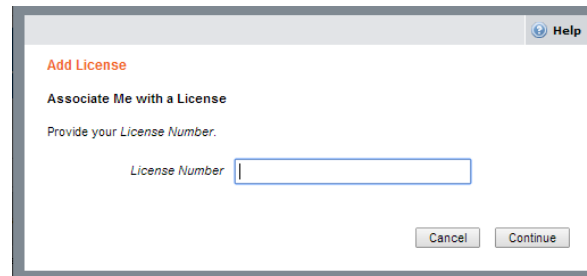
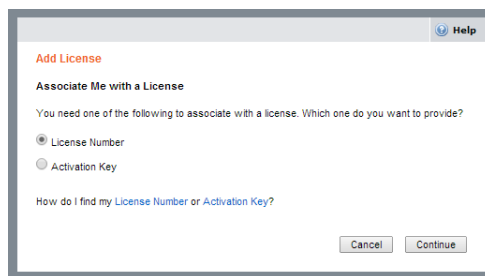
3. Access the License Center here:

<https://www.mathworks.com/licensecenter>

a) Click on 'Add License'



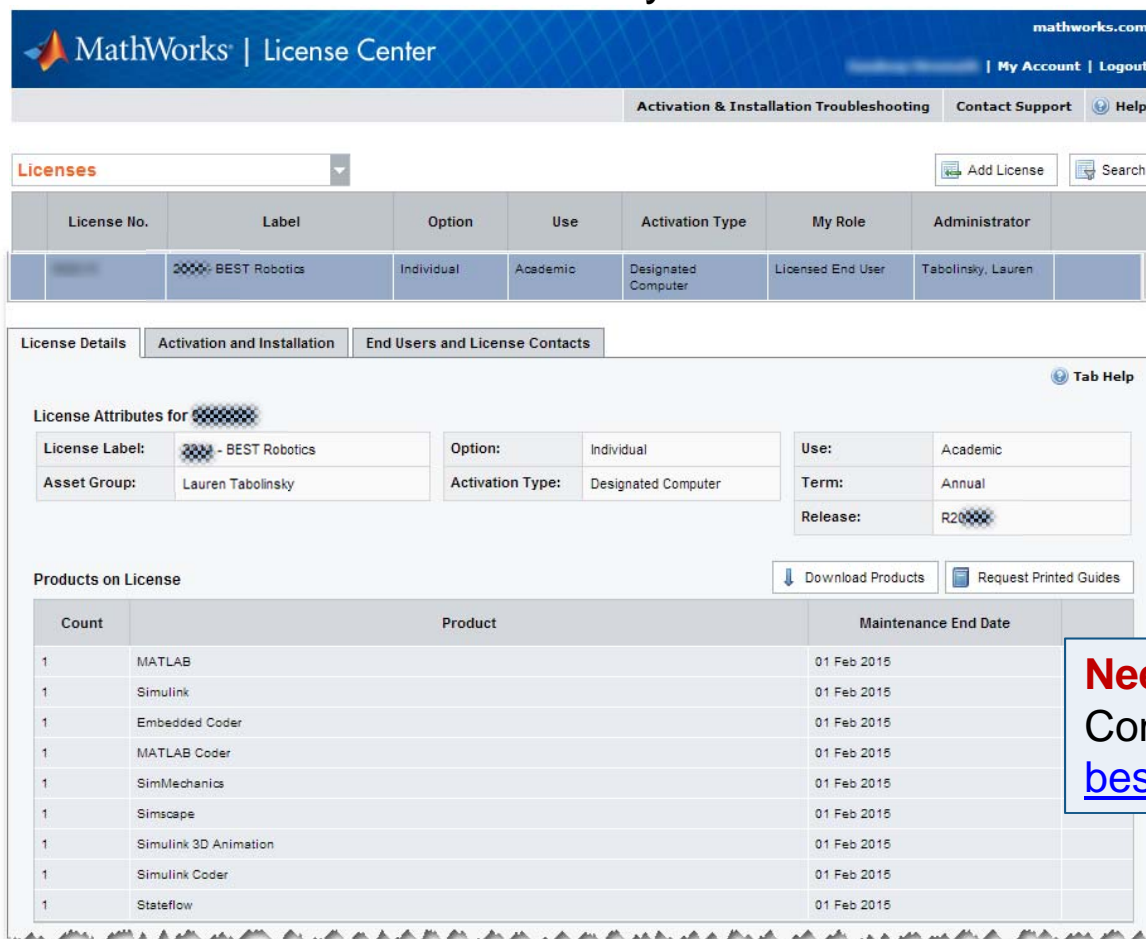
b) When prompted, provide the License # & Activation Key (they are available in the Email from MathWorks)



Step 2: Associate to a MathWorks License

4. Verify association in License Center

License Label should say '**2XXX- BEST Robotics**'. (2XXX = Current Year)



The screenshot shows the MathWorks License Center interface. At the top, there's a navigation bar with 'mathworks.com', 'My Account', and 'Logout'. Below this, there are tabs for 'Activation & Installation Troubleshooting', 'Contact Support', and 'Help'. The main content area is titled 'Licenses' and includes a search bar and an 'Add License' button. A table lists licenses, with one entry selected: '2014- BEST Robotics'. Below the table, there are tabs for 'License Details', 'Activation and Installation', and 'End Users and License Contacts'. The 'License Details' tab is active, showing 'License Attributes for 2014- BEST Robotics'. The attributes include: License Label: 2014- BEST Robotics, Asset Group: Lauren Tabolinsky, Option: Individual, Activation Type: Designated Computer, Use: Academic, Term: Annual, and Release: R2014a. Below this, there's a section for 'Products on License' with a table listing products and their maintenance end dates.

| Count | Product | Maintenance End Date |
|-------|-----------------------|----------------------|
| 1 | MATLAB | 01 Feb 2015 |
| 1 | Simulink | 01 Feb 2015 |
| 1 | Embedded Coder | 01 Feb 2015 |
| 1 | MATLAB Coder | 01 Feb 2015 |
| 1 | SimMechanics | 01 Feb 2015 |
| 1 | Simscape | 01 Feb 2015 |
| 1 | Simulink 3D Animation | 01 Feb 2015 |
| 1 | Simulink Coder | 01 Feb 2015 |
| 1 | Stateflow | 01 Feb 2015 |

Need Help?

Contact us:

bestrobotics@mathworks.com

Step 3: Download the Software

Before you start: Make sure you have admin privileges on your computer.

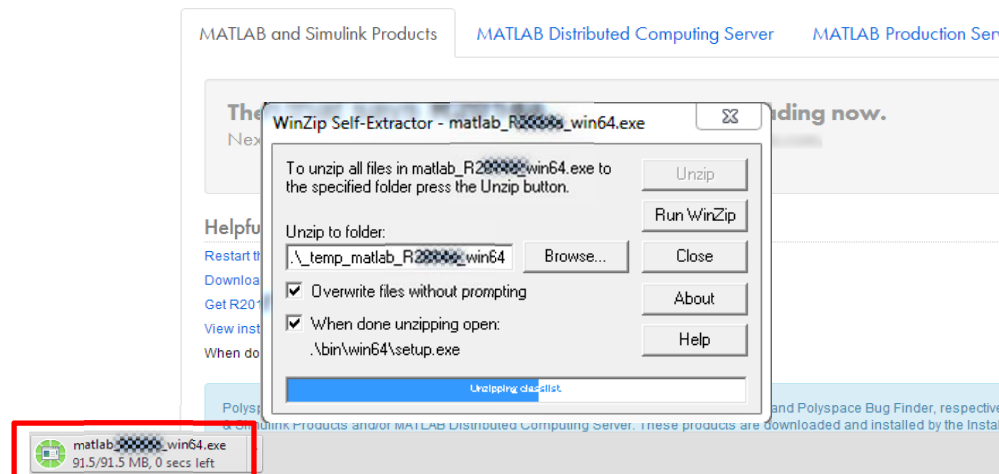
1. Go to http://www.mathworks.com/downloads/web_downloads/
2. Click on the >> Download link
3. Click the blue button that says R2XXXx.



4. Click the blue button that says **R2XXXx Installer**.
- this will download the installed file (*.exe)

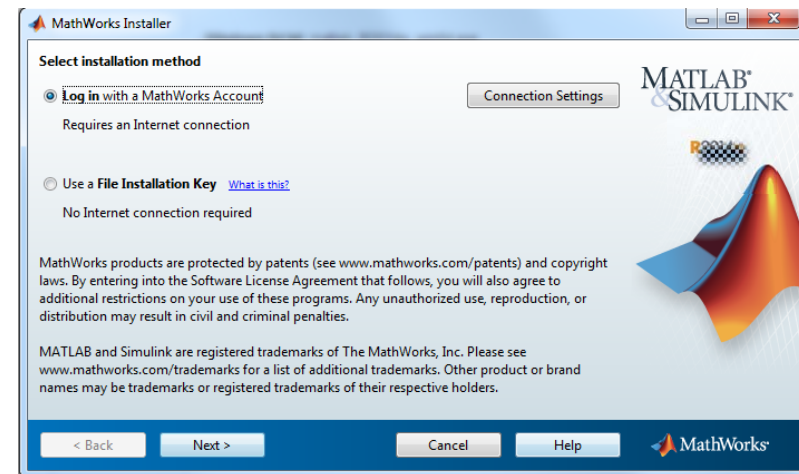


4. Open the installer file (*.exe) to extract and launch the installer.



Step 4: Install the Software

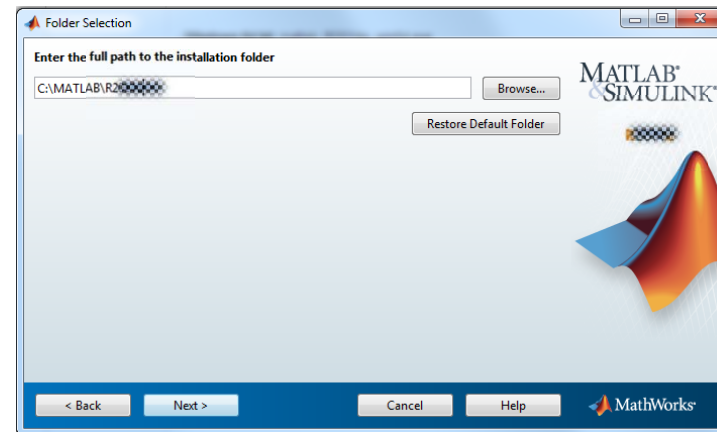
1. When **MathWorks Installer** is launched, select **Log in with a MathWorks Account** and continue through the Installer



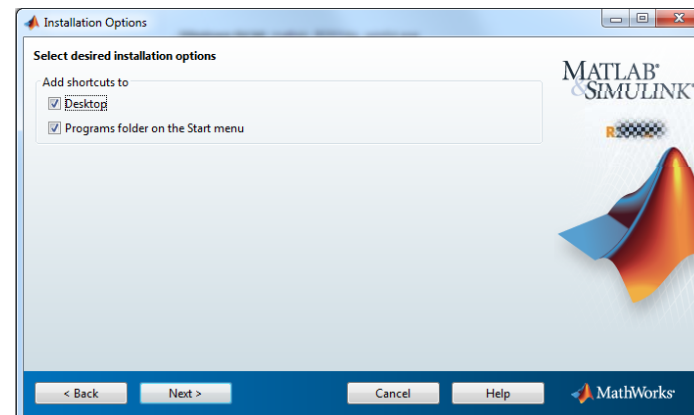
2. At the **License Agreement**, select **Yes** and continue
3. When prompted to **Log In**, use your MathWorks Account info
4. At **License Selection** dialog, choose 'Select a license:' and choose the one with the **Label: 2XXX – BEST Robotics** and continue

Step 4: Install the Software

5. Next, it will prompt you select an **Installation Folder**
 - use C:\MATLAB\R2XXXx, it will create this folder if doesn't exist

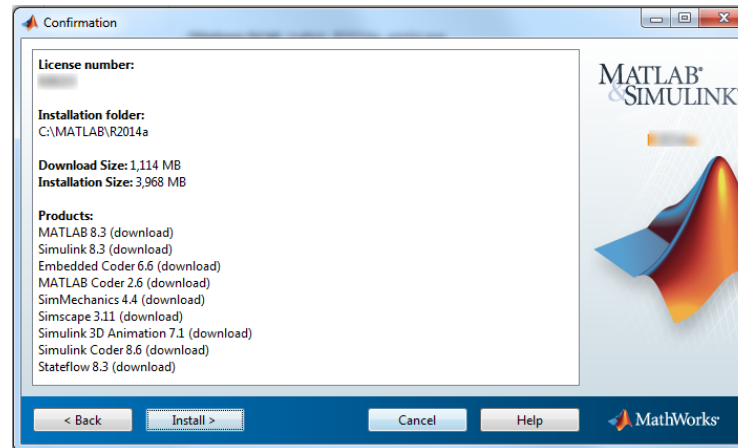


5. At **Product Selection** window, don't change anything and click Next
6. At Installation Options window, check both **Desktop** and **Program folder on the Start menu** and continue

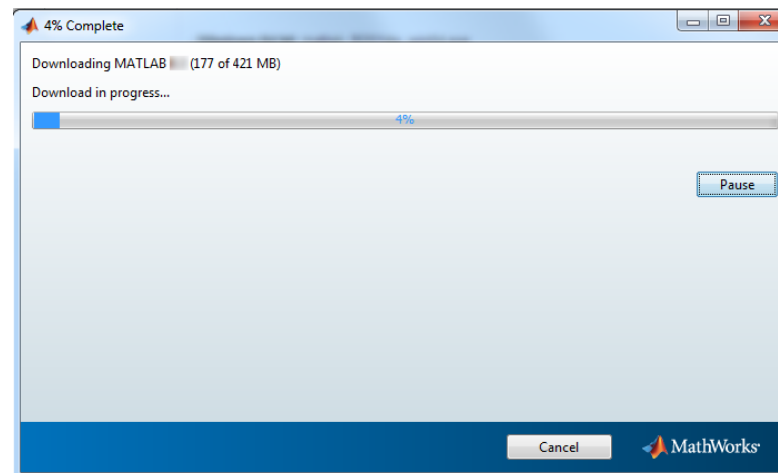


Step 4: Install the Software

7. At **Confirmation** dialog, verify the Installation folder and click **Install**>

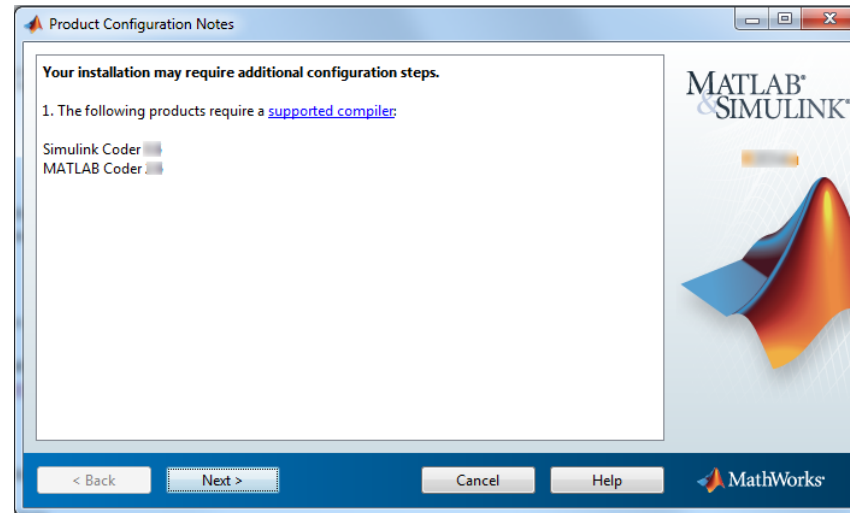


The installation process will begin. It takes **about 20-30 mins to complete this step**, so now is the time to take a quick break!



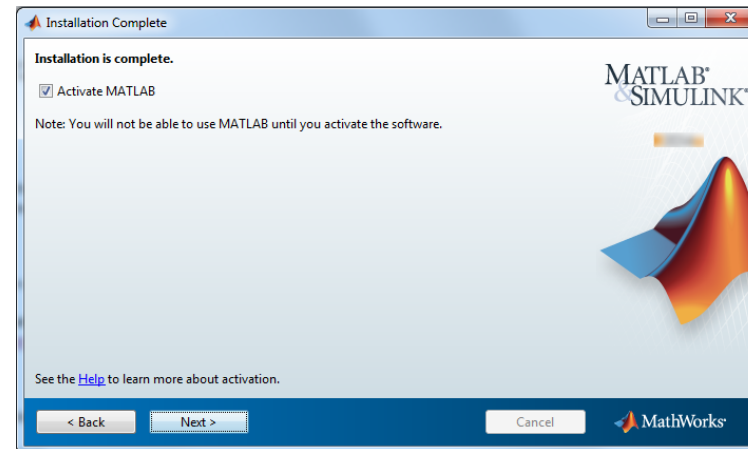
Step 4: Install the Software

8. At **Product Configuration Notes** dialog, just click **Next** to continue

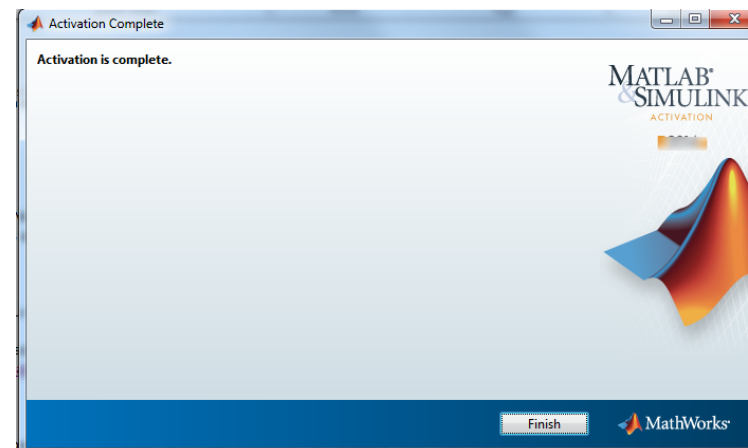


Step 5: Activate the Software

1. At the **Installation Complete** prompt, ensure to check **Activate MATLAB** (default is checked) and continue



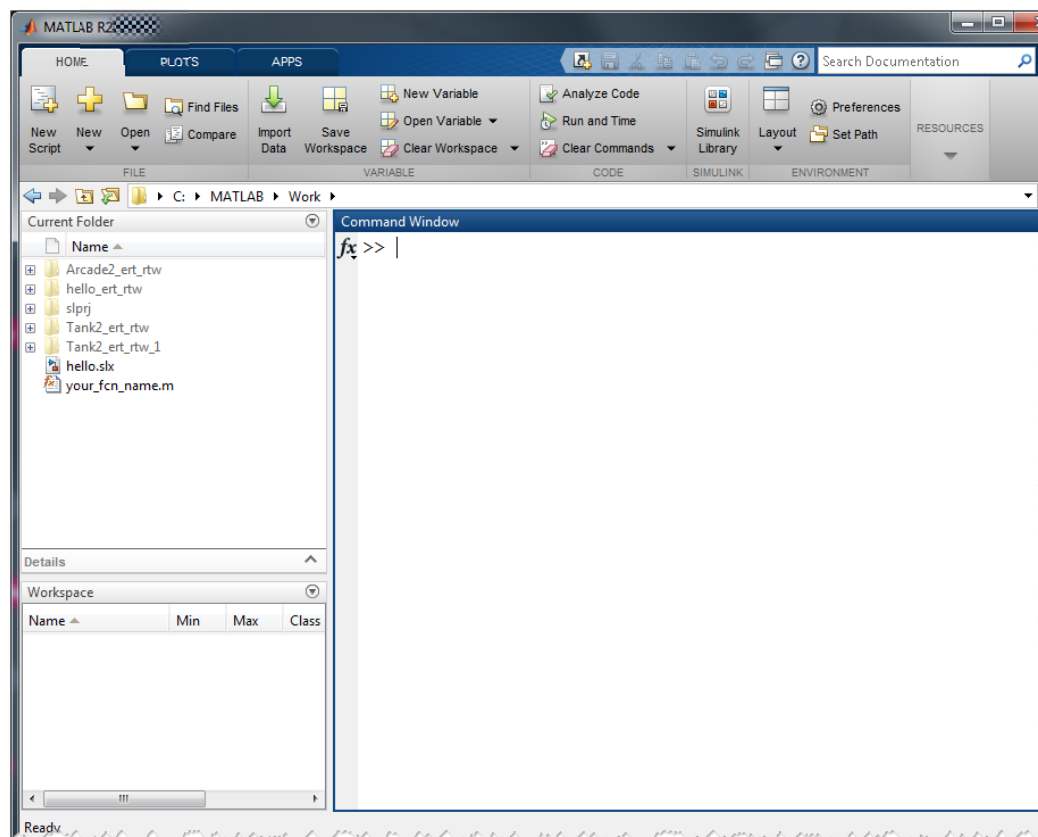
2. At the **Confirmation** dialog, click **Confirm**.
3. Activation has been completed. Click **Finish**.



Almost done...

Last step is to quickly verify that the installation was successful by launching MATLAB.

1. Go to the computer's desktop
2. Find the **MATLAB R2XXXx** icon and double-click to open.
3. This should launch the MATLAB Desktop Window (it will take a few mins when you launch it the first time)



Done!

Next Steps

- Install **Simulink Library for VEX**
 - For the current release please go to the link below:
<http://www.mathworks.com/academia/vex/downloads/license-agreement.html>

Contact us:
academicsupport@mathworks.com