HyperWorks® is a comprehensive simulation platform for rapid design exploration and decision-making. HyperWorks provides a tightly integrated suite of best-in-class tools for all facets of the simulation process: modeling, analysis, optimization, visualization, reporting and collaborative simulation management. Leveraging a revolutionary pay-per-usage licensing model, HyperWorks delivers maximum value and flexibility for customers worldwide.

The 14.0 version of the HyperWorks suite offers many new functionalities in such areas as lightweight design, composites structures analysis, efficient modeling and meshing, multiphysics and multi-disciplinary analysis, structural optimization and design exploration.

HyperWorks comprises a suite of applications that includes HyperMesh®, HyperCrash®, OptiStruct®, RADIOSS®, HyperView®, HyperView Player®, HyperStudy®, HyperGraph®, MotionView®, MotionSolve®, HyperForm®, HyperXtrude®, Process Manager™, Templex™, MediaView™, BatchMesher™, TextView™, TableView™, HyperMath®, Manufacturing Solutions™, HyperWeld®, HyperMold®, solidThinking Evolve®, solidThinking Inspire®, Durability Director™, Suspension Director™, AcuSolve®, and AcuConsole®, SimLab®, and Virtual Wind Tunnel™, providing modeling and assembly, robust design and optimization, design analysis, visualization and reporting, virtual manufacturing, and automation and data management.

The Student Edition comprises a suite of applications that includes HyperMesh®, HyperCrash®, OptiStruct®, RADIOSS®, HyperView®, HyperView Player®, HyperStudy®, HyperGraph®, MotionView®, MotionSolve®, MediaView™, TextView™, TableView™, Process Manager™, HyperMath®, solidThinking Evolve®, solidThinking Inspire®, AcuSolve®, AcuConsole®, and FEKO® providing modeling and assembly, robust design and optimization, design analysis and visualization and reporting.

This section summarizes the items needed to install and run HyperWorks 2017 Student Edition successfully. It includes a list of required items, access to the HyperWorks package, hardware and operating system considerations, and system requirements.

To invoke HyperWorks 2017 Student Edition applications, after completing the software installation, you need to point to a valid node-locked license by setting the proper environment variable.

What you need:

• Access to a HyperWorks 2017 Student Edition compatible license. To invoke HyperWorks applications, after completing the software installation, you need to point to a valid node-locked license for the machine where the software is installed by setting the proper environment variable.

• Sufficient disk space for install: Installing all packages requires about 18 GB of disk space. The temp space used by the installer will be freed after successful completion of an installation.

• A valid browser (Firefox or Internet Explorer 8 or higher) for accessing the HyperWorks 2017 online Help.

Installing HyperWorks 2017 Student Edition

This section provides instructions for the basic installation of HyperWorks 2017 Student Edition software on the supported platforms. The HyperWorks installer uses InstallAnywhere as its installation tool.

Complete the following steps to install the software:

Login to the machine on which the software is to be installed then place the downloaded files in a temporary directory.

**IMPORTANT:** Please make sure that the downloaded files have “read + execute” permissions before continuing with an installation. On Windows, use Windows Explorer file properties to change the permissions.

1. Start the installer by:
   
   Double click the installer executable file to start the installer

   If UAC (User Account Control) is enabled, then a prompt will be displayed for elevated permissions. Click Yes to continue with installer.

2. The multi-language selector prompt will be displayed. Select the proper locale and click OK to continue. The default locale setting is specific to the install machine regional settings.

   The language selection only corresponds to the installer settings not to the HyperWorks product language settings. Altair HyperWorks products are in English.
3. The License Agreement panel is displayed. Check the “I accept the terms of the License Agreement” and click Next to continue.

4. The Student Edition Description panel is displayed. Click Next to continue.

5. The Choose Install Folder panel is displayed. Choose the HyperWorks 2017 Student Edition install directory and click Next. The default location is “C:\Program Files\Altair\2017-edu”

Note: The installer does not allow the use of characters # and ;
Note: Installing to a root drive is not permitted, for example C:\

6. The Install Desktop Shortcuts panel is displayed. Select your preferred option and click Next to continue.
7. The **Pre-Installation Summary** panel is displayed which includes the Product Features list, Install Folder and disk space requirements. Review panel information and click **Install** to continue.

![Pre-Installation Summary Panel](image)

Install times are machine hardware dependent. Anti-Virus software may lengthen the install times. The HyperWorks sub-installer and Master installer may need to be allowed through any third party firewalls or virus scanning software in order to not be prompted during install time to allow them access to be installed.

8. Once the installation completes, click **Done** to exit the installer.

### Installing solidThinking Design 2017.1 Student Edition

1. Start the installer using the procedure as described above.
2. Make sure point the installation location the same as the HyperWorks 2017 installation folder referencing step 4 above. For example, the default location is "**C:\Program Files\Altair\2017-edu**"
Setting up Licensing

For HyperWorks Student Edition applications to work, a valid node-locked license (a license that is locked to a local machine where the software is installed) is required. Set the environment variable, ALTAIR_LICENSE_PATH, to point to the appropriate location where the license file resides. The Environment variable can be set via the Control Panel/System and Security/System/Advanced settings. The default name that Altair products use for this license file is altair_lic.dat.

Invoking products

Once software is installed successfully and License environment variable is set, you can start the application via the Start Menu. The following image lists all the products that are available for HyperWorks 2017 Student Edition. The HyperWorks 2017 online help can be accessed via products once they are invoked.

Uninstalling HyperWorks 2017 Student Edition

The HyperWorks uninstaller will Remove All files from the install. Please note that any modified files or added files, like the altair_lic.dat file, will also be removed from within that particular install location. Backup any and all files you wish to save prior to running the uninstaller.

Following one of the following steps to uninstall:

- b. The Add/Remove panel and launch the HyperWorks uninstaller. E.g. Altair HyperWorks Student Edition 2017 (Local 64-bit) and click Uninstall

3. Select the Removal option, for example:
Select Uninstall Type

Remove All
Completely remove all files and folders in the Altair HyperWorks install directory ‘C:\Program Files\Altair 2017-edu’

*IMPORTANT: Please close any HyperWorks Desktop or Solver applications and processes, including FrontSolve, before continuing with an uninstall.*