

# ETABS® 2013 Version 13.1.2

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**Notice Date: 2013-10-08**

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ETABS 2013 Version 13.1.2 is an intermediate update from Versions 13.0.0 to v13.1.1, and is distributed electronically by download from the internet using the CSI Installation Wizard.

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## **PLEASE READ THIS FILE!**

It contains important information that may be more current than what is in the Manuals.

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## **1. Installation Instructions for ETABS 2013**

ETABS 2013 Version 13.1.2 is available electronically as a full installation by download from the internet using the CSI Installation Wizard, or on DVD by request.

ETABS 2013 is available as a 32-bit or 64-bit application. On a 32-bit operating system you can only install the 32-bit application. On a 64-bit operating system you can install either the 32-bit or the 64-bit application, but not both. Normally the 64-bit application would be recommended unless you need connectivity to a 32-bit version of Microsoft Excel or Access.

Whether you are using a standalone license or a network license, the full 32-bit or 64-bit application must be installed on each workstation where ETABS 2013 will be used.

Using the Installation Wizard will guide you step-by-step through the process of installation and licensing. If you choose instead to use the DVD, follow the instructions provided in the installation browser that automatically starts up when the DVD is inserted into the drive on your computer.

Before installation, be sure you have your Activation Key available if you are using a Standalone license. You should have received this by email from CSI or your dealer. For Network licenses, it is necessary to have the licenses already activated on license server that is accessible to the workstation.

To begin the CSI Installation Wizard, click this link:

<http://www.csiamerica.com/go/installation-wizard>

The Wizard will start and guide you through the process. The actual files needed for installation will be downloaded as necessary. An active internet connection is required throughout the installation and licensing process.

The license activation server ports are 8080 and 8443. If either of these ports is blocked, they need to be opened. Otherwise license activation will not be possible.

### **When ETABS 2013 v13.0.0 is Already Installed**

If you have ETABS 2013 v13.0.0 installed on your system, it will be necessary to uninstall this first from the Windows Control Panel before installing v13.1.2. We recommend that you do this using the CSI Installation Wizard, which will guide you through the process.

If you have already installed v13.1.0 or v13.1.1, this will be automatically uninstalled when v13.1.2 is installed. Only v13.0.0 requires the use of Control Panel.

Installing ETABS 2013 will not uninstall older versions of ETABS prior to v13.0.0.

If you are using a Standalone license, your Activation Key will be provided to you when v13.0.0 through v13.1.1 is uninstalled so that you can use it to activate your license for v13.1.2. This is handled automatically if you are using the Installation Wizard.

### **Windows User Account Control (UAC)**

For recent versions of the Windows operating system (Windows 7, 8, Vista, and XP SP3), User Account Control (UAC) is enabled by default. When UAC is turned on, you must explicitly give permission to any program that wants to use "Administrative" privileges. Any program that tries to use Administrative privileges without your permission will be denied access.

The installation of the ETABS and the activation of the license require "Administrative" privileges to run. When installing ETABS with UAC enabled, you should expect to be prompted to allow the installer access to system folders and Windows registry. Please allow it to continue so that the installation can complete.

## 2. Installation Instructions for License Manager 8.5

The information in this section does not apply if you are using Standalone licenses.

**Important:** If you are using a network license and you have already installed the Sentinel RMS License Manager 8.5 Utilities described below, please re-install them now as these Utilities have been updated.

If you will be using a network license to run ETABS 2013, the License Manager and Utilities should be installed on a license server, which is usually not one of the client workstations. The Installation Wizard (and DVD) provide the following installations:

### Sentinel RMS License Manager 8.5

- If you have an earlier version of Sentinel RMS License v8.x.x running, uninstall it after making sure no licenses are currently in use and no commuter licenses are checked out. Make a backup of the license file “lserverc”, and then proceed with the installation of License Manager 8.5.
- If you are already running the Sentinel RMS License Manager 8.5 or a later version, you can skip this installation.
- If you have an earlier version of Sentinel RMS License v7.x.x running, you will need to leave this installed as v8.5 does not recognize v7.x.x licenses. Install the Sentinel RMS License Manager 8.5 on a different server.

### Sentinel RMS License Manager 8.5 Utilities

- The Sentinel Utilities for License Manager 8.5 needs to be installed even if you are running a later version of the License manager. The Utilities are to be installed on the same license server as License Manager. During the installation you will be prompted for a Network Activation Key. You should have received this by email from CSI or your dealer. Enter the key and click on Activate; a Network license will then be generated and copied to the server location or appended to an existing license at the server location. Note that the License Manager 8.5 needs to be running to activate the license.

### On the client workstations

To speed up finding a network license when ETABS is launched, you can do either or both of the following:

- Create a text file, LEVEL.TXT, and enter the *ProgramLevel* in a single line. The *ProgramLevel* should be one of the following:

PLUS / NONLINEAR / ULTIMATE / PLUSC / PLUSCD / PLUSCC / PLUSCS /  
NONLINEARC / ULTIMATEC / PLUSI / NONLINEARI / ULTIMATEI

Save this file to the folder where ETABS 2013 is installed. This file will cause the program to find the license faster.

- Create a text file, LMHOST.INI, and enter the network name or IP address of the machine that is running the License Manager. If you are serving licenses on more than one machine, enter each name or IP address on a separate line of text. Save this file to the folder where ETABS 2013 is installed.
- Either the LEVEL.TXT file or the LMHOST.INI file can also be placed in the user settings folder, which can be found by entering “%LocalAppData%\Computers and Structures\ETABS 2013” (without quotes) in Windows Explorer. Accessing this folder does not require administrative permissions like the installation folder does. Files located in the user settings folder will take precedence over those in the installation folder.

As an alternative to using the LEVEL.TXT file, you can specify the program level as a command-line option. To do this, use the Windows Run command or create a shortcut pointing to ETABS.exe in the installation folder. Add the following text to the command line after “ETABS.exe”

*/L ProgramLevel*

where *ProgramLevel* is one of the values listed above for the LEVEL.TXT file. Specifying *ProgramLevel* on the command line will supersede the value in the LEVEL.TXT file.

### **3. New Features for ETABS 2013 Version 13.0.0**

ETABS 2013 is a major new release, and significant new features have been added or enhanced since Version 9.7.4.

For a full list of features and capabilities, please visit the ETABS 2013 news page at <http://www.csiamerica.com/etabs2013/news>.

### **4. File Compatibility with Older Versions**

ETABS 2013 Version 13.1.2 can open model files (\*.EDB) from older versions of ETABS, as well as import older ETABS text files (\*.E2K and \*.\$ET.) Note that once you save or run these models in Version 13.1.2, they will not be usable by older versions of the program, so you should save them under a new name after opening or importing them in v13.1.2. By default, this is done automatically for model files from v9.7.4 and older.

## 5. Significant Changes from Version 13.1.1

For a complete list of all changes, please see the separate file ReleaseNotes.PDF in the Manuals subfolder of the ETABS 2013 installation and available by using the *Help > Documentation* command in ETABS 2013. Note that most incidents do not affect most users.

### ***Significant Changes from v13.1.1 (2013-07-22)***

#### **Modeling**

##### ***Incidents Resolved***

<b>Incident</b>	<b>Description</b>
56153	An incident was resolved where replication of frames would sometimes generate duplicate frames in the same location. Models that have been affected by this error will automatically delete the duplicated frames when the model is opened in the new version, and the user will be notified of this correction. Also, the speed of replication has been improved.

#### **Frame Design**

##### ***Incidents Resolved***

<b>Incident</b>	<b>Description</b>
55777 55844	An incident was resolved where duplicated frame members could cause internal errors during frame design that would generate runtime error messages or produce incorrect results. Model files opened in the new version will remove the duplicated members and issue a warning message that this correction has been made. When this occurs, all frame designs for such models should be re-run and re-verified. This does not affect most models.
56568	An incident was resolved for steel frame design using the CSA S16-09 code where the special seismic check was not being performed for braced frame systems when $RD > 1.5$ . Model with braced frames with $RD > 1.5$ should be redesigned with the new version to perform these checks.

#### **External Import/Export**

##### ***Incidents Resolved***

<b>*</b>	<b>Incident</b>	<b>Description</b>
*	33649 52947 54178 54998 55686 56775 56919	An incident was resolved where force and displacement results from load cases, including response-spectrum cases, were not being correctly exported to SAFE. The error existed in ETABS 2013 versions v13.0.0 to v13.1.1. Models previously exported to SAFE from these versions of ETABS 2013 should be re-verified or re-exported.