

**EDSL**

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Environmental Design Solutions Limited

# Installation Guide for Tas

ENVIRONMENTAL DESIGN SOLUTIONS LIMITED

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# Preface and Advisory Notes

## Upgrading from Tas version 9.1.x

You **must** be using the latest version of Tas in order to lodge EPC certificates. If you began an assessment for Part L2/EPC in an earlier version, you **must** remove the existing internal conditions and replace them with internal conditions from the latest NCM Activities Database (currently *NCMActivity\_v3.5a*). Also, if the default calendar has been used in the Part L2/EPC source model then it must be replaced with *NCM Standard* from the calendars database.

From Tas 9.1.3a onwards, the *Part L EPC Building Generator* will need access to the 3D model (T3D) referred to by your source building TBD. To ensure that this is correct: open the TBD, select Tools->Options, set the 3D Model path and save before using the *Part L EPC Building Generator*.

## Upgrading from Tas version 9.0.8 or earlier

If you are upgrading from Tas 9.0.8, you must first upgrade to 9.0.9e and open, evolve and save your T3D, TBD and TSD files to the 9.0.9 format. You may then upgrade to Tas version 9.1.1 as noted above and evolve your files again before finally upgrading to the latest version.

If you do not have a copy of Tas 9.0.9e, you should contact support to obtain a copy. **You should not attempt to upgrade directly to the latest version.**

## Installing Tas on a PC for multiple users

When multiple users will be using Tas on the same PC, it is recommended to move the Tas Data folder to a shared location accessible by all users. Otherwise, users will only be able to access projects they have created themselves and not the sample projects or projects created by other users. You should also ensure that every step in **Section 3b** is followed for each additional user.

# Checking the Hardware and Operating System

## Section 1a: Hardware Requirements

Tas 9.x will run on most PCs that will comfortably run Microsoft Windows XP. The recommended system requirements are:

- 300 MHz processor or higher
- 128 MB RAM or higher
- Super VGA (1024 x 768 or higher) video adapter
- 200 MB free hard drive space

Larger projects will require more RAM and will take longer to export and simulate on machines with low RAM and/or slow processor speeds.

## Section 1b: Software Requirements

- Tas requires Microsoft Windows XP or Microsoft Windows Vista. Tas is not supported on 64bit operating systems, but customers have reported that it works on these platforms.
- Tas requires Microsoft Office 2002 or a more recent version.

***Note:** To insure that Tas installs and runs reliably, you should install all current service packs and updates for Microsoft Windows and Microsoft Office.*

## Uninstalling a Previous Version of Tas

*Note: you should refer to the Preface and Advisory Notes for details on evolving your projects for use with the latest version of Tas. You may need to install more than one version at a time and progressively evolve your project files through multiple versions until they are in the latest format.*

### Section 2a: Backing up the databases

Tas comes complete with a selection of databases including sample Weather, Calendars, Constructions and Internal Conditions. If you have purchased additional Weather files, or made changes to a database, you must backup the files before uninstalling Tas or your changes may be lost. It is recommended to always make a backup of the databases before uninstalling any version of Tas.

Navigate to the **Databases** folder (in **My Documents\Tas Data** by default) and make a backup copy of the files in the **Databases** folder.

### Section 2b: Uninstalling the Tas Software

*Note: If you are using Tas 9.0.9d (or an earlier version) and are using the Part L2/Plant Sizing macro, you **must** backup all subfolders in "C:\Program Files\Tas\Building Designer\Macros" except for the BRUKL folder. Once you have finished reinstalling Tas, copy this folder back to their original location.*

To remove the software and data files, start the uninstall program by selecting *Start->Settings->Control Panel* then double click the *Add/Remove Programs* icon. Select *Tas* in the lower window then click the *Remove*. Confirm that you do wish to remove the program and its files, and allow the uninstaller to proceed.

Check that the folder **C:\Program Files\Tas** has been removed. If it still exists, delete it.

Check that the folder **C:\Program Files\EDSL** has been removed. If it still exists, delete it.

Check that the folder **C:\Program Files\Environmental Design Solutions Ltd** has been removed. If it still exists, delete it

## Installing the Latest Version

### Section 3a: Downloading and Running the Setup File

Before following the procedure outlined below, it is important that you are logged on to Windows using the same account that will be using Tas. If multiple users will be running Tas, you should refer to **Section 3b** after completing this section.

1. Go to <http://www.edsl.net/main/Software/Downloads.aspx>
2. Click on the latest available version.
3. When given the option to **Run/Save/Cancel** (or Open/Save/Cancel), choose the **Run** (or Open) option.



4. You may be presented with a security warning window, such as the example shown on the next page. Click **Run** to allow the setup file to launch.



5. Continue to click the **Run** or **Allow** option in any subsequent security windows until you see the *Welcome Screen*.



6. Click on **Next** to continue to the *End User License Agreement (EULA)* page, click **Yes** to accept the agreement and continue the next page, which allows you to decide the setup type.
7. The default setup type (**Complete**) should be used. Click **Next** to confirm the selection and select **Install** on the following screen. Finally, the installation progress bars will appear and track the file copying.
8. When you are presented with the *Installation Complete* screen, click **Finish** to terminate the Tas setup.
9. To run the software click *Start->Programs->Tas* then select **Tas Manager**.
10. Read the *Release Notes*, which outline any changes or updates from previous versions of Tas. See **Section 5** for details of where to find the *Release Notes*, user manuals and related support and documentation for Tas.

## Section 3b: Installing Tas on a PC for multiple users

**Note:** When multiple users will be using Tas on the same PC, it is recommended to move the Tas Data folder to a shared location accessible by all users. Otherwise, users will only be able to access projects they have created themselves and not the sample projects or projects created by other users.

Two pre-requisite setup files are installed as part of the main Tas installation. These are **extensibilityMSM.msi** and **lockbackRegKey.msi**. However, these files do not have an option to install for All Users – they will only function correctly for the user that was logged-on during the Tas installation. Each additional user should log on and install the pre-requisite files, as outlined below, to be able to use Tas.

1. Go to <http://www.edsl.myzen.co.uk/downloads/install/KB908002/>
2. Click on ‘**extensibilityMSM.msi**’.
3. When given the option to **Run/Save/Cancel**, choose the **Run** option.



4. Continue to click the **Run, Open** or **Allow** option if any subsequent windows appear.
5. Repeat steps 1-4, but click instead on ‘**lockbackRegKey.msi**’ in step 2.
6. Double-click on the Tas setup file to re-run the Tas installation (see **Section 3a**) and choose **Repair** from the available options.

## Section 3c: Installing the Office 2003 update

If you are using Office 2003, you should install the Office 2003 update at <http://www.edsl.myzen.co.uk/downloads/install/KB908002/> in order to resolve compatibility issues with Tas. If you have run the current updates for Office 2003 you should already have this installed.

To install this update, follow steps 1-4 outlined above in **Section 3b**, but click instead on ‘**office2003-kb907417sfxcab-ENU.exe**’ in step 2.

## Section 3d: Using a Dongle with Tas

### Part 1: Installing the drivers

When your USB dongle is plugged into the machine, your Tas software should recognise a license key stored on the dongle and function normally. Once enabled, the dongle can be moved from PC to PC (as long as Tas is installed correctly and the drivers are installed).

If this is the first time you have used a USB dongle with Tas, you will need to log-on as an administrator and install the drivers. To check whether drivers are already installed, click on *Register* in the Tas Manager. If you do not see the word 'Dongle' beneath the Tas logo, you will need to do the following to install the drivers.

**For all Windows versions:** Install the *Dongle Drivers* from [www.edsl.net](http://www.edsl.net) while logged-on as an administrator. If given the option to **Run** or **Save** the file, click **Run** (see the figure in step 3 of **Section 3b** if you are unsure). Ensure that your dongle is **not** plugged into the machine during installation as this can damage the dongles.

### Part 2: Renewing the keys

Keys may also expire when upgrading Tas and will definitely expire if upgrading from a demo version. For reasons of security the keys will expire after a set time period (usually after 16 weeks). In the event of your key expiring, open the Tas Manager (with the dongle plugged in), click *Register* and make a note of the *Tas Manager ID*.

**For Academic/Perpetual Licenses:** You can renew your key at [www.edsl.net](http://www.edsl.net) using your *Tas Manager ID*.

**For Quarterly/Annual Licenses:** You should e-mail [support@edsl.net](mailto:support@edsl.net) quoting your *Tas Manager ID* and requesting a new key.

Your new key should be entered into the appropriate box on the Registration screen in order to validate Tas.

**Note:** *Machines sharing a dongle must have their clocks synchronized to within 30 minutes or less.*

## Section 3e: Updating the NCM Calendar and Internal Conditions

You **must** be using the latest version of Tas in order to lodge EPC certificates. If you began an assessment for Part L2/EPC in an earlier version, you **must** remove the existing internal conditions and replace them with internal conditions from the latest NCM Activities Database (currently *NCMActivity\_v3.4*). Also, if the default calendar has been used in the Part L2/EPC source model then it must be replaced with *NCM Standard* from the calendars database.

From Tas 9.1.3a onwards, the *Part L EPC Building Generator* will need access to the 3D model (T3D) referred to by your source building TBD. To ensure that this is correct: open the TBD, select Tools->Options, set the 3D Model path and save before using the *Part L EPC Building Generator*.

## Documentation and Support

### Section 4a: Release Notes

The *Release Notes* outline changes in new versions of Tas. You should review the *Release Notes* after every upgrade to ensure that you are aware of differences between the versions. To access the *Release Notes*, open Tas Manager and double-click the Release Notes on the right-hand side (as indicated by a green rectangle in the figure below).

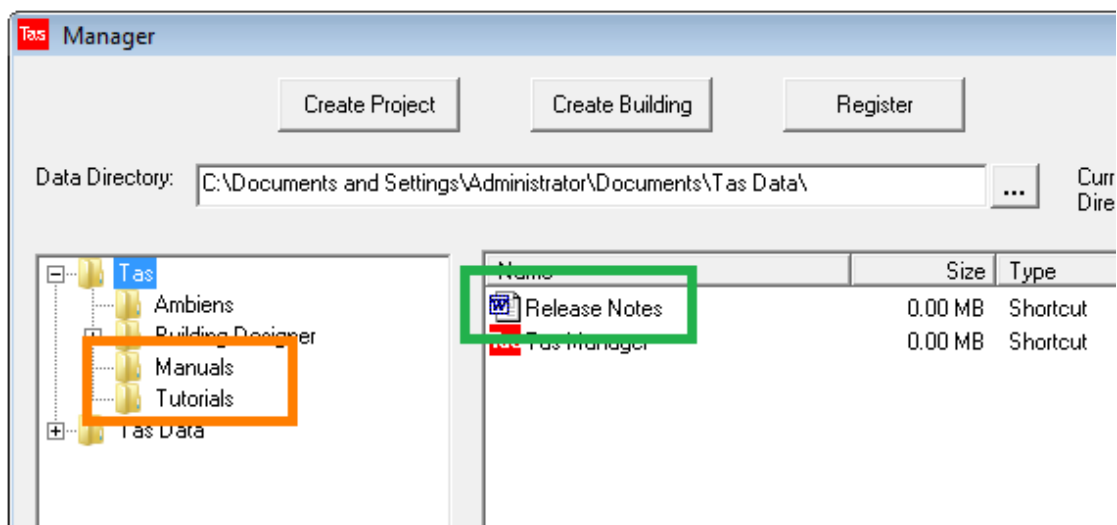
### Section 4b: Tutorials

The *Tutorials* are a section-by-section guide to using Tas and should be reviewed by all new users. There are examples included in each section of the tutorials and many parts contain visual demonstrations of the Tas environment in the form of videos. They are located in the *Tutorials* folder, as indicated by an orange rectangle in the figure below. New users to Tas should begin with the **Introduction to EDSL Tas** tutorial, followed by the others.

All of the tutorials are also available at <http://www.edsl.net/main/Support/Documentation.aspx>

### Section 4c: Program Manuals

The program manuals provide information in greater details and should be used for reference. They are located in the *Manuals* folder, as indicated by an orange rectangle in the figure below.



All of the manuals are also available at <http://www.edsl.net/main/Support/Documentation.aspx>

## Section 4d: Training Course Notes

You can download a copy of our training course notes from the website. They develop a model from start to finish, with exercises at each step, and should be used in conjunction with the manuals and tutorials to get a better understanding of the complete modelling process.

There is a set of notes for each of the training courses: the 3 day Building Designer course and the 2 day Part L/EPC course. To download either set:

1. Go to our training page at <http://www.edsl.net/main/Training.aspx>
2. Select the appropriate training course
3. At the bottom of the course page, click on the link to download the course notes. If presented with the option to **Open** or **Save** the notes, choose **Open** and then double-click the notes in the following window to view them. You can save this file to your computer for future reference.

## Section 4e: Frequently Asked Questions (FAQ)

In addition to the supporting documents already mentioned, there is an online database of Frequently Asked Questions (FAQ) with solutions to common support queries. Always consult the FAQ before contacting support, as your problem may already have been answered.

1. The online FAQ is available at <http://www.edsl.net/main/Support/FAQ.aspx>