



OmniTRANS

Installation Guide

Basic Information

Document Description

This document provides information for installing the OmniTRANS software application.

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OmniTRANS

Version: 5.1

If you are using a different version of OmniTRANS then it is possible that the information provided in this document may differ from what you see in your version of the program.

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OmniTRANS System Requirements

OmniTRANS runs on PC's with Microsoft Windows.

- Operating system: Windows XP, Vista and 7. The latest updates and service packs are recommended.
- Processor: Pentium IV with SSE2 support @ 1.3 GHz
- RAM: 1024 MB minimum.
- Disk: 170 MB for the software.
- Screen: Minimal resolution 1024x768

These specifications represent the minima. Some projects may require a higher specification.

Installing OmniTRANS

When you install OmniTRANS you will be copying to your computer:

- The OmniTRANS program and supporting dll's.
- The Help Files;
- The Borland Database Engine
- Templates and Tutorial Data.
- Ruby interpreter, libraries and documents.
- Microsoft Visual Studio 2008 redistributable libraries if missing on your system.

All of these items are supplied by a self-extracting Installation Wizard that will help you install the software successfully on your computer. However, before running the Installation process, there are several issues you need to be aware of.

OmniTRANS can be installed either on stand-alone PCs or on a network server for running on client PCs across the network (subject to the terms of your licence)

OmniTRANS will run faster if data (or projects) are located on local drives; data transmission over a network will result in slower program performance. However, having data stored centrally has distinct advantages when it comes to centralised data backup procedures.

A project can only be accessed by one person at a time; an attempt to access a project that is already open will be denied.

OmniTRANS Already Installed On Your PC

If you try put OmniTRANS on a PC that already has the same version installed you will be offered the following options:

- Uninstall the current version
- Repair the current version
- Add/remove features.

If something has gone wrong with the original installation of OmniTRANS you can use the repair option to re-install the original files.

You can install several different versions of OmniTRANS on the same PC. Per default a different version will install to a different folder. You can, however, only run one instance of OmniTRANS simultaneously.

The Installation Process

If supplied on a CD the installation process should begin automatically when the CD is placed in your CD-ROM. If not, or if OmniTRANS was downloaded from the web, you should locate the file SETUP.EXE (on the CD or in the download folder) and double-click on it to begin the process.

The installer will initiate itself and eventually show the first screen of the Installation Wizard. The installation is straightforward. Proceed through the installation using the Next button.

Stand Alone Installation

If you chose to install OmniTRANS on a stand alone PC then no further specific actions are required. For the installation, administration rights might be required.

OmniTRANS does not install any files in any other folders then the given installation folder. No changes are made to the registry, other than the registration done by the installation software. One font, omnifont.ttf is installed in the windows font folder.

When OmniTRANS is executed the first time, a few entries are made in the registry about the location and settings of the Borland Database Engine. For this first initialisation administration rights might be needed. After this first execution, normal rights are enough to run OmniTRANS.

Network Installation

If you chose to install OmniTRANS on a network server then some manual actions are required to allow OmniTRANS to run on a client.

On your target client PCs, you need to create a short-cut to the OmniTRANS executable (Omnitrns.exe) installed on the server and you have to install the omnifont2.ttf on the client. After installation a copy of this font can be found in the installation folder.

OmniTRANS 5.1 uses some specific Microsoft redistributable libraries for its public transport functionality which are included in the installation program. These libraries are also required by the target client PC to run OmniTRANS. If missing on the target client PC, you need to run the program “vcredist_x86.21022.exe” on the target client PC which will install the necessary libraries. The program is available in the folder where you have decided to install OmniTRANS (e.g. C:\Program Files\Omnitrans International\OmniTRANS 5.1.x). Administration rights might be required.

When OmniTRANS is run for the first time on the client it will update the registry on the local machine to store the location of the Borland Database Engine files. Administration rights might be required for this first run.

The Borland Database Engine (BDE)

OmniTRANS uses the Borland Database Engine (BDE) Version 5 to manage its database. There is nothing specific about the BDE and the installation is done automatically for you as part of the Installation process.

The Borland Database Engine (BDE) is a set of software that allows applications to access database tables. For OmniTRANS the BDE is just a local set of dll's for access to the local database, **not** a client which allows access to (external) database servers. So there is no database server installed or required. The local database format of OmniTRANS is Paradox.

When OmniTRANS is installed no changes are made to the registry. All the BDE files are installed in the "installation folder" of OmniTRANS. So the BDE is **not** installed in some common map.

When OmniTRANS is executed the first time, a few entries are made in the registry about the location and settings of the BDE, so the BDE dll's are properly loaded. For this first initialisation administration rights are needed. After this first execution, normal rights are enough to run OmniTRANS.

Folder (Directory) Structures

The standard installation process will create the following folder structure under the specified installation folder.

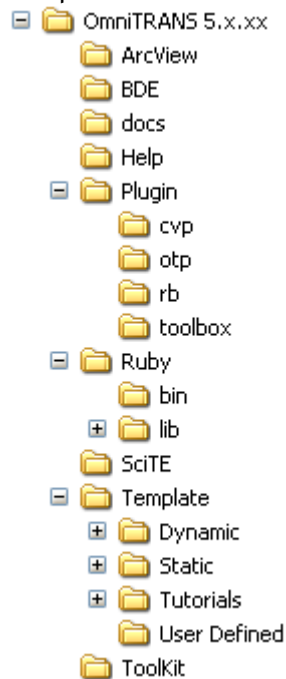


Figure 1: Folder structure (in which the version number is the current release)

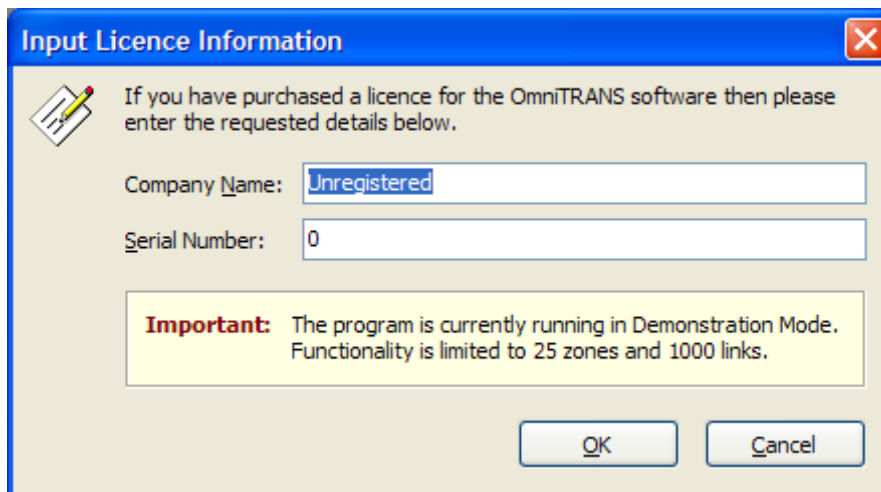
You need not be concerned about this structure until you become a more experienced user and you have the need to edit or amend files at a 'low' level.

Fonts

A single font file 'OmniFont2.tff' will be copied to the fonts directory.

Licensing

When you run OmniTRANS for the first time (see next section) you will be asked to supply your licence information, see Figure 2.



The screenshot shows a dialog box titled "Input Licence Information". It contains a message asking for licence details. The "Company Name" field is filled with "Unregistered" and the "Serial Number" field is filled with "0". A yellow box highlights an important note: "Important: The program is currently running in Demonstration Mode. Functionality is limited to 25 zones and 1000 links." The dialog has "OK" and "Cancel" buttons at the bottom.

Figure 2: Licensing

If you have a licensed version then enter the information precisely as supplied; you will not be presented with this form again when you start the program. To check or update your licence information see the Main Menu|Tools|Change Licence option.

If you are using a demo version of the program then press the Cancel button and the program will continue. You will have access to full program functionality, but limited to working with projects of 25 zones or less and 3000 links or less.