

GRAITEC
advance

STEEL

INSTALLATION GUIDE



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Advance Installation

Please read this installation guide. If you have additional questions on individual topics, please contact your local dealer or GRAITEC support.

System Requirements

To successfully install Advance certain requirements have to be met.

Hardware

- ✓ PC with Pentium Processor min. 1.4 GHz (2.4 GHz recommended)
- ✓ Main memory min. 512 MB (2GB recommended)
- ✓ AutoCAD compatible graphics-card 128 MB or better
- ✓ Min. 1 GB free disk space on the hard disk
- ✓ Network adapter
- ✓ CD-ROM Drive

Software

- ✓ Installed operating system Windows 2000 or WindowsXP Professional
- ✓ Installed AutoCAD 2002, AutoCAD 2004, ADT 3.3, ADT 2004, AutoCAD 2005, ADT 2005, AutoCAD 2006, ADT 2006, AutoCAD 2007 or ADT 2007.
- ✓ Installed TCP/IP Protocol

Distribution

- ✓ Advance is delivered on CD-ROM.
- ✓ The license-file is delivered by email.

License

You have to receive an authorization code to use Advance-commands in AutoCAD. Without this authorization only the AutoCAD commands will work. You must obtain this authorization for each workstation that uses Advance.

How to obtain your user license?

The license-file **advance.aslic** is provided by GRAITEC based on the specific information of the computer where Advance - Steel suite was installed. The information required to create the **advance.aslic** license file is as follows:

- Name of the computer HOSTNAME
- Adapter Address ETHERNET ADDRESS

To get this information, browse the installation CD to the Tools folder and double click **LMTOOLS.EXE**. Go to the **System Settings** tab and write down the HOSTNAME and the ETHERNET ADDRESS.

Now you can request your license file by email to authorization.advance@graitec.com. If you have difficulty please contact your reseller or GRAITEC support.

If you have purchased Advance request a user's license otherwise request an evaluation license. In both cases you will receive by e-mail the file **advance.aslic**.

Using USB dongles

To use the USB dongle, install the hasp driver from the Advance Steel CD:

Browse the installation CD to the Tools folder and double click **hdd32.exe**.

The license-file is provided by GRAITEC based on the dongle ID.

To get this information, browse the installation CD to the Tools folder and double click **GetHaspDongleId.exe**.

Installation

Requirements for a successful installation:

- In your Windows session you must be logged in as administrator or must have administrator rights. If you are not logged in as administrator or you do not have administrator authorization, there is an error-message during the installation.
- The TCP/IP protocol is usually setup properly by windows but if you have problems you can check the connection to the license management software by using the **ping** command. With this command you can test the host-name and the IP-address. If the IP-address is confirmed, but not the host-name, there might be a problem with the name service. In this case make sure that the queried host-name is in the local HOSTS file or in the DNS-database. Below is an example of how the ping command can be used:

```
C:\>ping kh.meinnetz.net
PING executed for kh.meinnetz.net [ IP 192. ... ] with 32 Bytes of information:
Answer from 192. ... : Bytes=32 time<10ms TTL=128
Answer from 192. ... : Bytes=32 time<10ms TTL=128
Answer from 192. ... : Bytes=32 time<10ms TTL=128
Answer from 192. ... : Bytes=32 time<10ms TTL=128
```

Please proceed with the installation as follows:

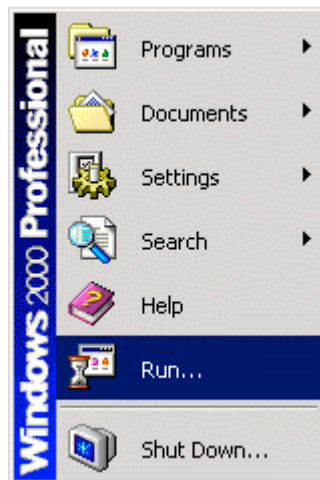
1. Close all active WINDOWS-applications
2. Insert the installation-CD into the CD-ROM drive

The setup-program starts automatically and the following dialog-box pops up.



To install Advance click **Setup**.

If the Setup didn't start automatically, please continue as follows:

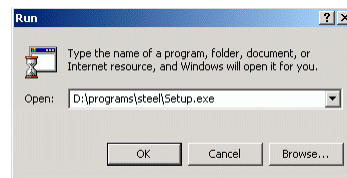


The AutoPlay tool on your computer could be switched off and thus the installation does not start automatically. In this case, start the Advance setup program with the command **Run**.

To start a program using the **Run** command:

- First click on **Start** and then on **Run**
- Enter the path and the name of the program you want to start in the **Open** field.

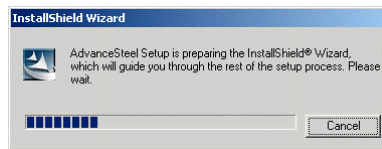
Run dialog:



- In the **Run** dialog click on **Browse** to select the program **Setup.exe** on the CD in the folder shown above.

Start by clicking **OK**.

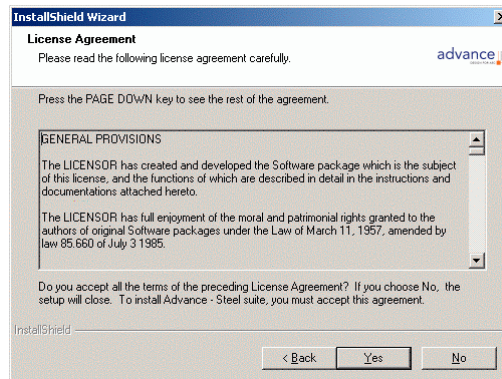
The installation will start.



3. Select the language you prefer

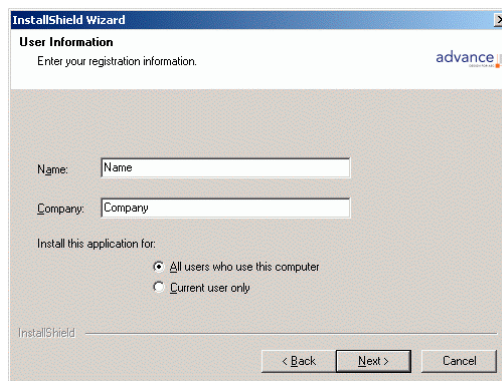


4. License Agreement



Read the license agreement. By clicking **Yes** you agree to the specified terms and the installation will continue.

5. User Information

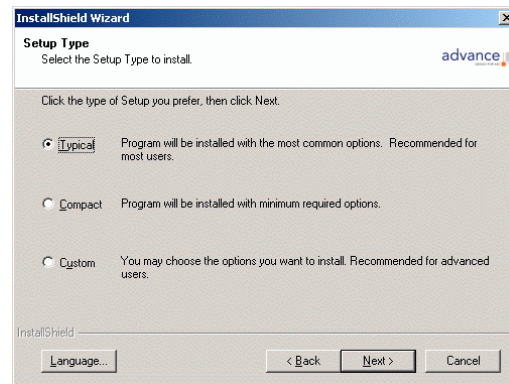


Enter your name and your company name.

- Select “All users who use this computer” if Advance should be available for all users of this computer.
- Select “Current user only” if Advance should be available only for the current user.

To continue click **Next**.

6. Installation Directory

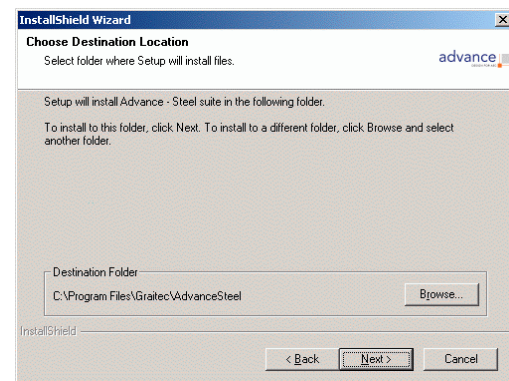


Select **Typical** if you want to have a standard installation. The software is installed on Windows drive, in **C:\Program Files\Graitec\AdvanceSteel**.

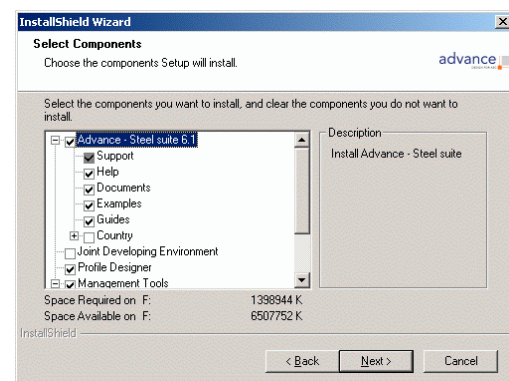
To accept click **Next**.

7. Select components

If you want to change the destination path or to have a custom installation, select **Custom**



If you wish to change the destination path click **Browse**. To continue click **Next**.

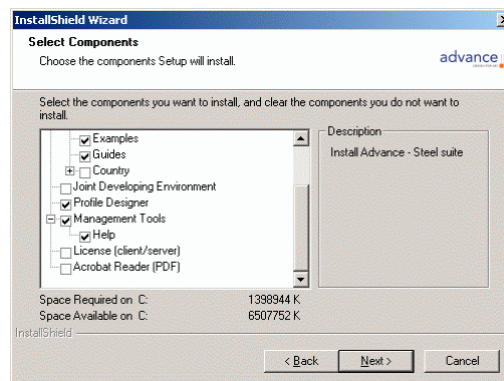


The components that can be installed are displayed.

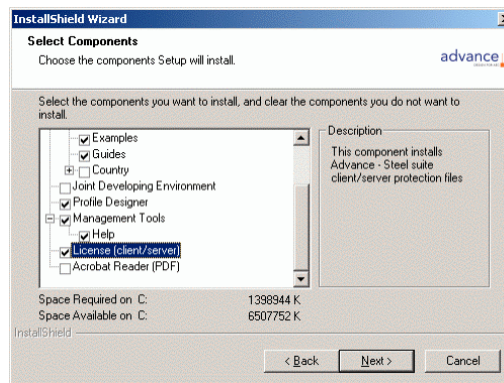
For licensing using a software code (as opposed to a hardware dongle), you must indicate if it is a standalone, server or client installation.

Standalone

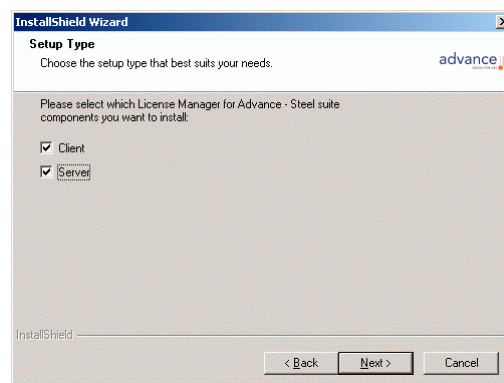
For using a Standalone License select nothing for licensing.



Server and Client

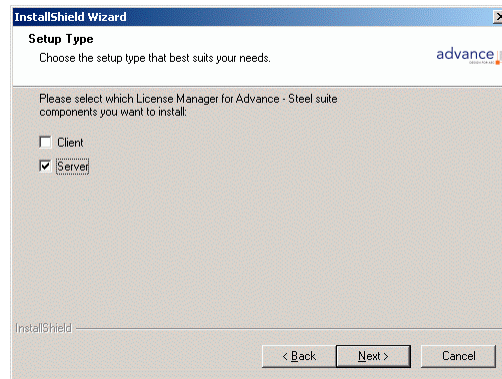


If installing multiple licenses on a network and if your workstation is *Server* and *Client* at the same time, you have to install the License Management for both *Server* and *Client*. In the next step you will have to provide the name of the machine on which the license manager is installed in the **Server** option.



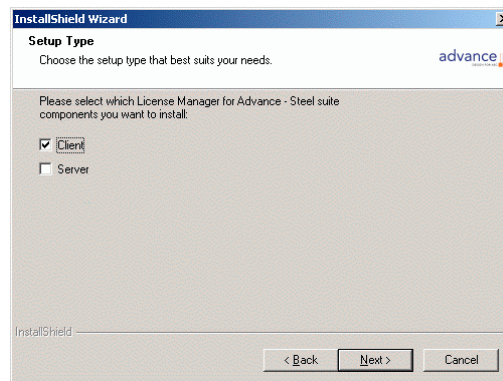
Server

Should you have more than one license, and the current installation is for the server, please install the **Server** License Management only. When installing the product as Client on other workstations you will have to set the name of the server as being the name of the current computer.



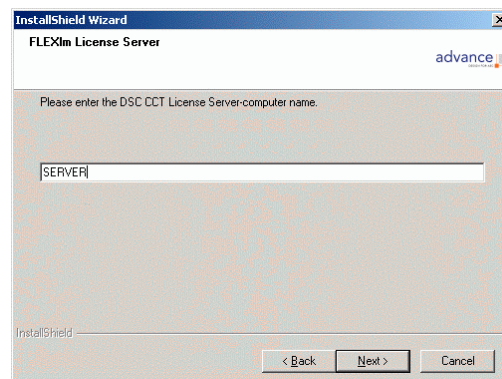
Client

If you have more than one License and the current installation is for a Client (not Server), please select only the **Client** option.

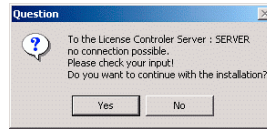


In this case the name of the server is required during the next installation step.

After the server name has been entered and the **Next** button clicked, the installation program searches for the specified computer. This search might take some time.



If the server is not found, the following error message will pop up:

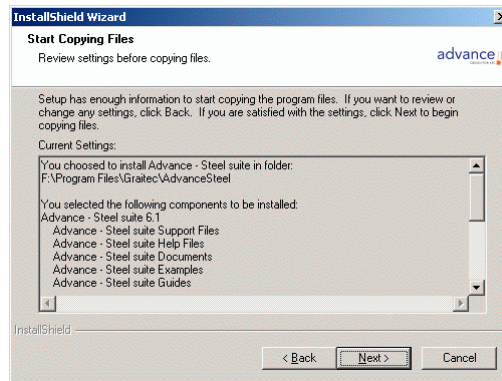


Check the name of the server.

This message will also pop up if the server was not found e.g. because it was not turned on. You can then continue to install.

For the other program settings it is recommended to use the defaults.

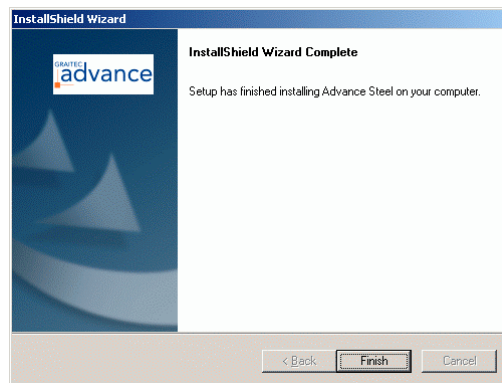
8. Copying



The installation program displays the selected components.

The installation will start after clicking **Next**.

9. End of Installation



Click **Finish** to finish the installation program. The installation is now finished.

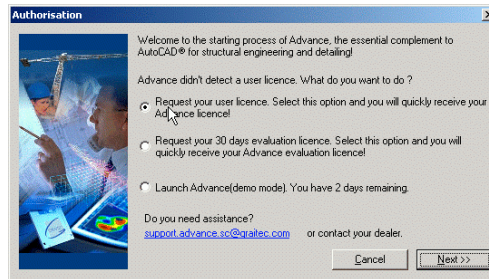
Authorize the software

In Advance vocabulary, “*Authorizing your software*”, means installing a license to use the software!

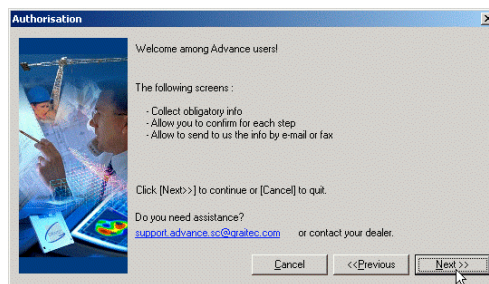
A license file **Advance.aslic** specific to the computer from which it was requested is sent to you by e-mail.

To authorize Advance software, follow the procedure described below:

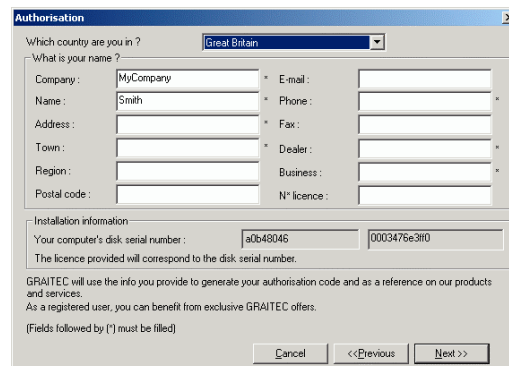
To ask for a user's license or an evaluation license start Advance and choose the option “Request your user license” and click on next.



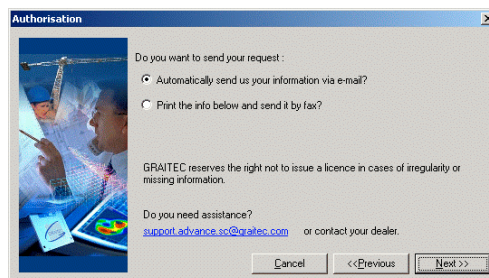
An info window appears, click on **Next** after you have read the messages.



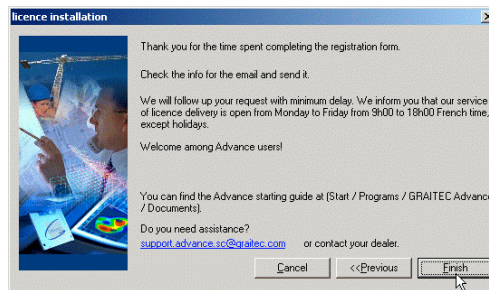
In this new window, enter all the required information for your license request and click on **Next**.



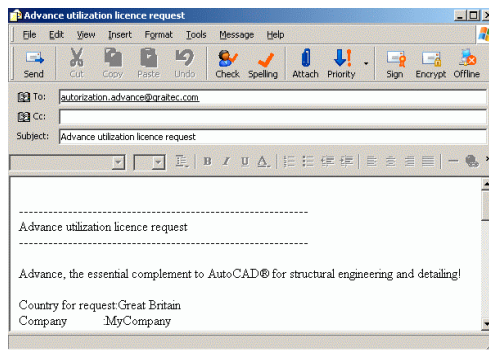
In this window, Advance asks to send the information by email or by fax. Select your preference and click on **Next**.



A window with a new information message appears, take the time to read it and then click on **Finish**.



If you choose to send by email, an email message is prepared automatically to send the request to authorization.advance@gratec.com



If you choose to send by fax, a fax is prepared automatically with the formatted text. Print the fax and send it to (450) 628-0400.

Within 24 hours you will receive by e-mail an **advance.aslic** file.

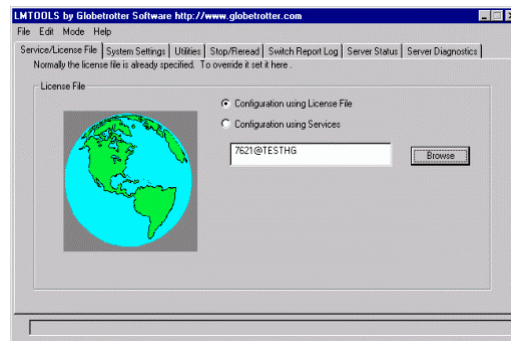
Save the file on your hard drive and double click on it to authorize your software.

For more information refer to the readme.pdf file.

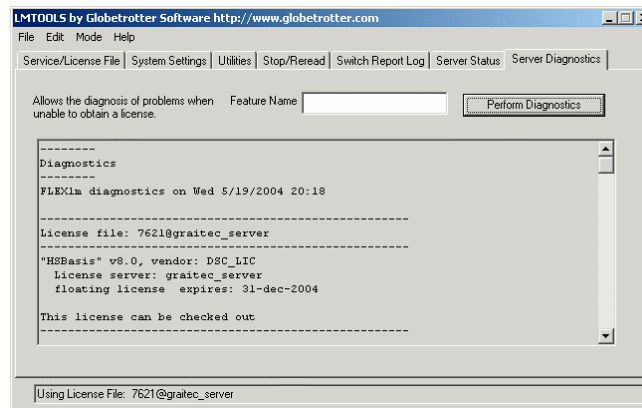
License Management

The application **LMTools** is installed with the license server software. With this application you can check whether the license server is active:

1. From the start-menu select the **License Server** icon in the group **Graitec**.
2. In the **LMTools** dialog-box you can enter the complete path to the license-file by **Browse** on the **Service/License File** tab. This file is under the directory where you have installed the license server.



3. Select the **Server Diagnostics** tab. In the next dialog-box, without other text input, click the button **Perform Diagnostics**.
4. Close the application



Installation for existing AdvanceSteel 6.1 users

Before installing the AdvanceSteel 7.1 version, please backup your work (databases, symbols, prototypes and drawings you made with AdvanceSteel 6.1).

Now you can run the setup for AdvanceSteel 7.1.

The installation is made in the same folder, as AdvanceSteel 6.1 and the files from the old version are updated. Backups of the databases you had in the previous version automatically created in a folder called **Oldddddddtttttt** (the folder name contains the date and time of the AdvanceSteel 6.1 installation).

Settings are made automatically for the **Convert** module of the Management Tools and your AstorAddIn.mdb file is converted to the current version and structure, but you will not lose your customizations from AdvanceSteel 6.1.

You are able to **Convert** your settings from the old version into the new version using the **Convert** module of the Management Tools.

If you did not have AdvanceSteel 6.1 installed on the computer, the installation of the AdvanceSteel 7.1 will continue normally. You can always convert settings from AdvanceSteel 6.1 to the new databases if you have some databases from the Release 6.1 saved in a folder. In the **Convert** module, simply specify the old database name.

Converting Database (Merging)

Old databases can be converted to new databases using the Management Tool. This might be required on a new revision of Advance Steel or if the users want to exchange information.

Note: *Only the database from a previous version (6.1) can be converted. Advance Steel backups all your old databases, creates DSN for each of them and enables the ODBC option for the created data-sources.*

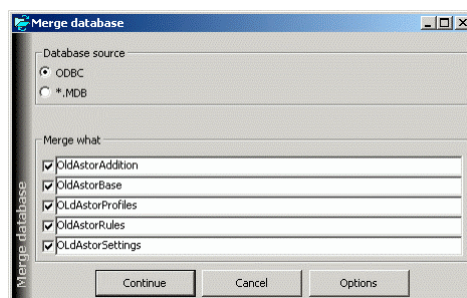
Having a column with author information is a prerequisite for converting databases.

Note: *When converting Advance Steel 6.1 not all tables (libraries) are converted into the new release. The tables (libraries) cannot be converted if the structure of the tables (libraries) was changed.*



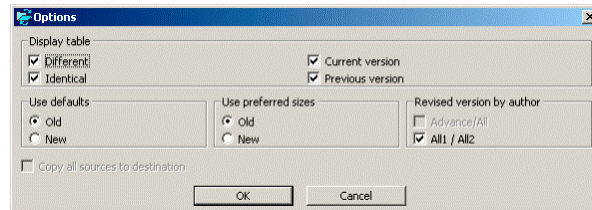
Save your databases before converting them.

Start the **Management Tool**. The window **Convert database** will open.



Click the **Convert database** button  if the **Convert database** window did not appear.

In the **Convert database** window click the **Options** button. In the **Options** window you can control the settings.



Display Tables (libraries)

Here you can define what should be displayed when the tables (libraries) have been analyzed, whether the different tables (libraries) or identical tables (libraries), in the current release and/or the previous release (to be converted).

Use Defaults

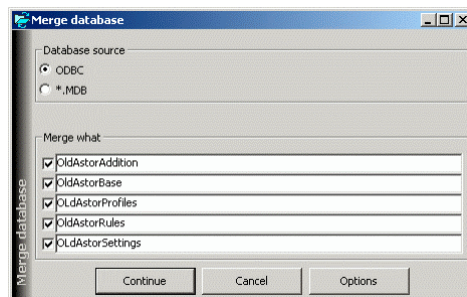
Here you can select whether the defaults of the previous release (to be converted) or of the new release should be used.

Use Preferred Sizes (for objects in library)

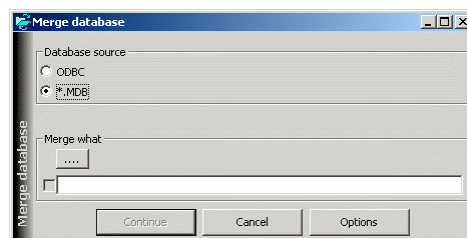
Here you can select whether the preferred sizes of the previous release (to be converted) or of the new release should be used.

In the **Convert database** window you can select the databases you want to **Convert** in two different ways:

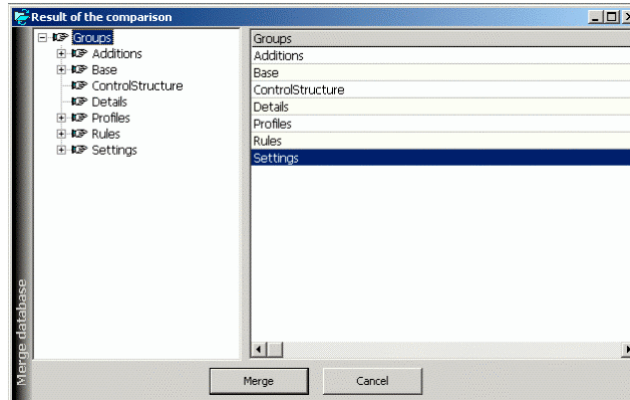
One way is by the ODBC-information source



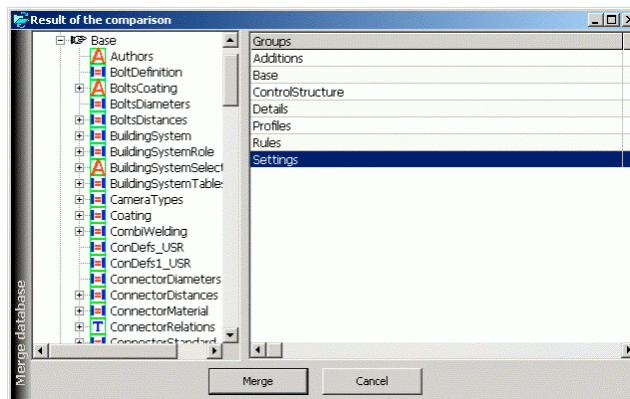
- The other way is directly by the database (*.mdb) by giving the file-name in the "Merge what" field. For example, search for the database AstorBase.mdb.



Click **Continue** after selecting the database and the tables (libraries) in the databases are compared. The **Comparison result** window then pops up.



Under “Groups” the Advance Steel 7.1 new databases are listed. Open e.g. the list under “Base” and a window with the following content appears:

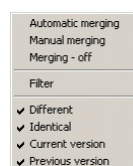


The icons in front of the table names indicate the comparison result :

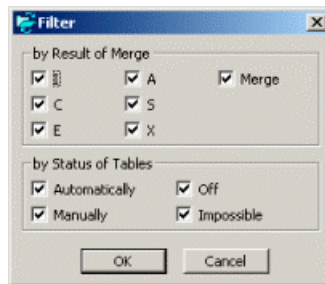
-  Table is identical
-  Table can be automatically converted
-  Table cannot be converted, because table structure has been modified.
-  Tables (libraries) available only in current release.

Only tables (libraries) with status set to “Automatic” can be converted.

Tables (libraries) with a specific status are selected by a mouse right click in either side of the window. From the mouse pop-up menu you can click or de-click selection criteria (different, identical or in current / previous version).



If you select **Filter**, another window will pop up where you can select tables (libraries) to be displayed.

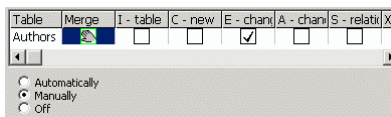


The code letters in the right window or in the **Filter** window have the following meaning:

- I Table is in source database, but not in destination database
- C Source database contains columns not available in destination database
- E Source and destination databases have different columns with identical values in the fields
- A The entries in the source and destination database are identical, but have different authors
- S Table contains fields with links
- X Tables (libraries) have different structures

If you do not want to **convert** all the tables (libraries) (that can be automatically converted) in the new database, you can de-click conversion (**Converting – Off**).

If you want to **convert** only some information records from a selected table click the manual converting from the pop up menu with the radio buttons in the right panel of the window.



The status is changed from “Automatic” to:

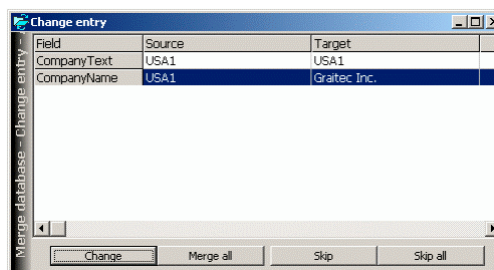


Converting – Off



Converting Manually

After selecting the conversion method for all convertible tables (libraries), click on **Convert** and the process will start. Every element to be converted manually will ask for validation.



When the converting is done all windows of the **Convert database** tool must be closed.

Support

GRAITEC has hotline and e-mail support for Advance.

Support by Telephone

Please ask your dealer or closest GRAITEC office for the appropriate telephone-number.

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