



TKSQL Upgrade Installation Quick Start

Installation Guide

TKSQL: v5.10.06

7/19/10

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Upgrading Any/All Features for TimeKeeper SQL Server Installation

WARNING! Do not move or change the names of the database or any of the TimeKeeper folders. All structures must remain as they are installed by InstallShield! In order to make changes, perform an upgrade with InstallShield.

This chapter describes how to upgrade your current version of **TimeKeeper SQL** using the **TKSQL** wizard installer, designed to enable quick and easy installation and upgrade processes.

NOTE: If you have only installed one feature, i.e. either programs or a database, but not both, and you would like to now install for the first time then refer to the **TimeKeeper Full Installation Guide**.

IMPORTANT! If a database installation or upgrade is performed, the entire server installation must be performed on the server on which the database is located, assuming there is access to the customer database. If there is no access to the SQL server, the database must be manually backed up prior to running InstallShield.

It is highly recommended that the database and programs are manually updated in addition to the automatic InstallShield backup, in a separate place.

The **TimeKeeper** installation application file is available on the installation disk, and can also be downloaded from the **Synerion Systems** website.

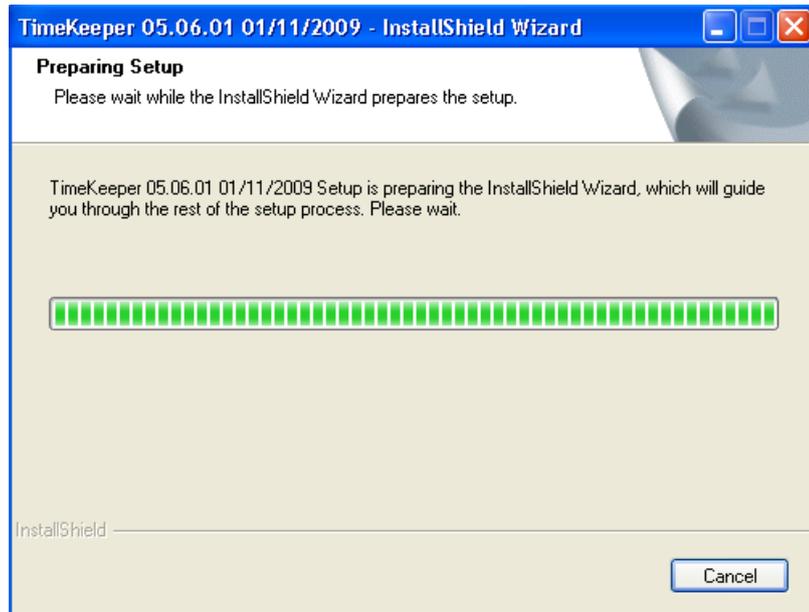


To upgrade using the wizard:

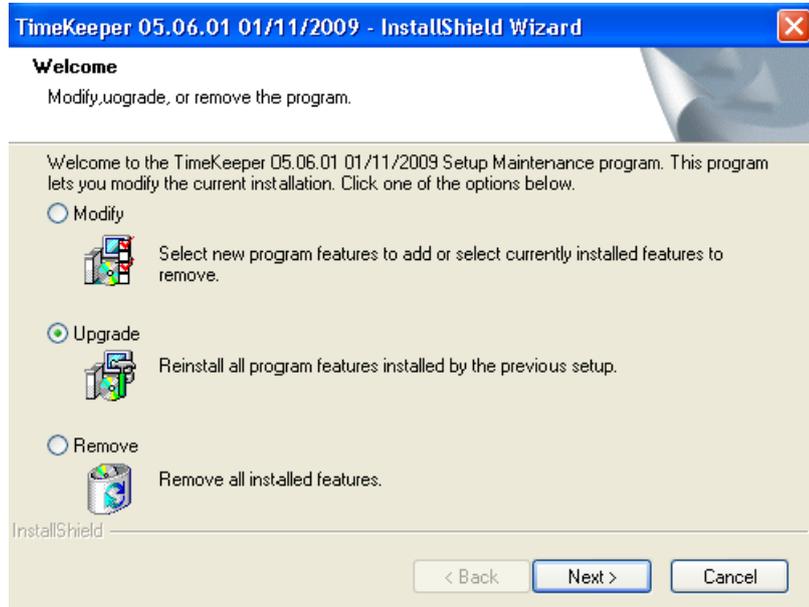
1. Ensure all existing **TKSQL** applications are closed and no **TKSQL** users are operating the system.

2. If **iBrowse** and **TKSQL** are installed on the same server:
 - a. All **iBrowse** users must shut down the application as well.
 - b. The **iBrowse** COM must be shut down.
3. Double-click the **TimeKeeper** installation application file.

The **InstallShield Wizard** dialog opens, indicating that the wizard is preparing the setup:

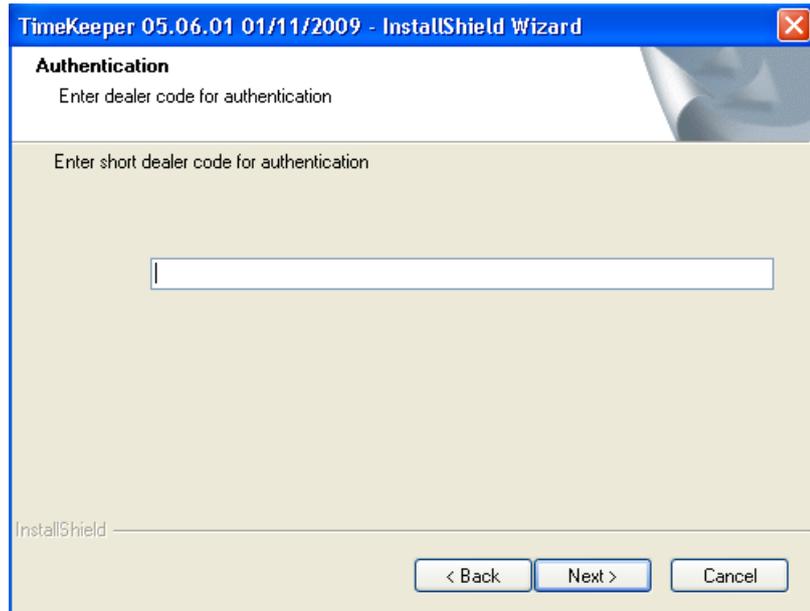


When the setup is ready, the **Welcome** screen opens:



Note the default is set to **Upgrade**.

4. Click **Next**. The **Short Code** screen appears:



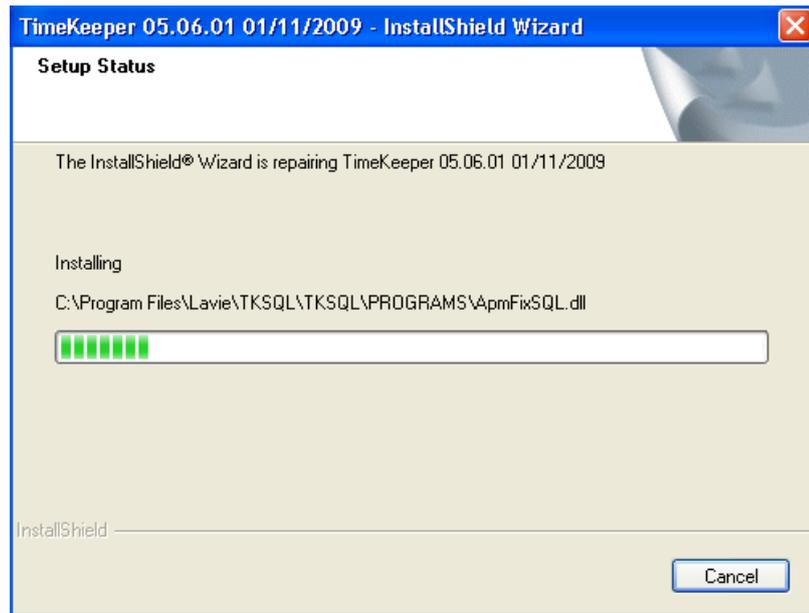
5. Enter the short HASP code.

EXAMPLE: 9727777

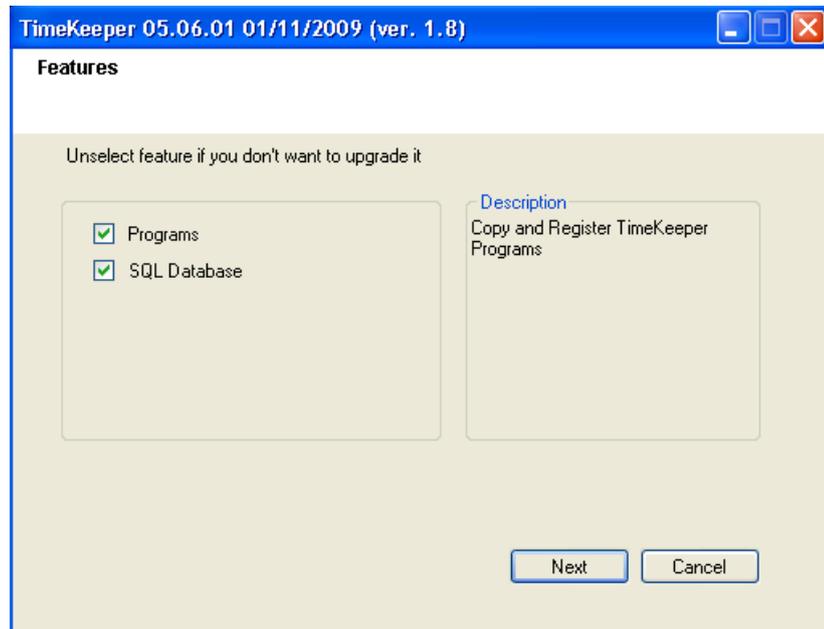
6. Click **Next**. If you have already installed the programs and the database, then when upgrading, the **Select Features** screen appears. Go to step 7. If you have only installed **programs**, then when upgrading the **Select Features** screen does not appear. Go to step 10. If you have only installed a **database**, then when upgrading the **Select Features** screen does not appear. Go to step 11.

NOTE: If you have only installed one feature, i.e. either programs or a database, but not both, and you would like to now install for the first time then refer to the **TimeKeeper Full Installation Guide**.

7. The status screen appears while **TimeKeeper** prepares for upgrade:

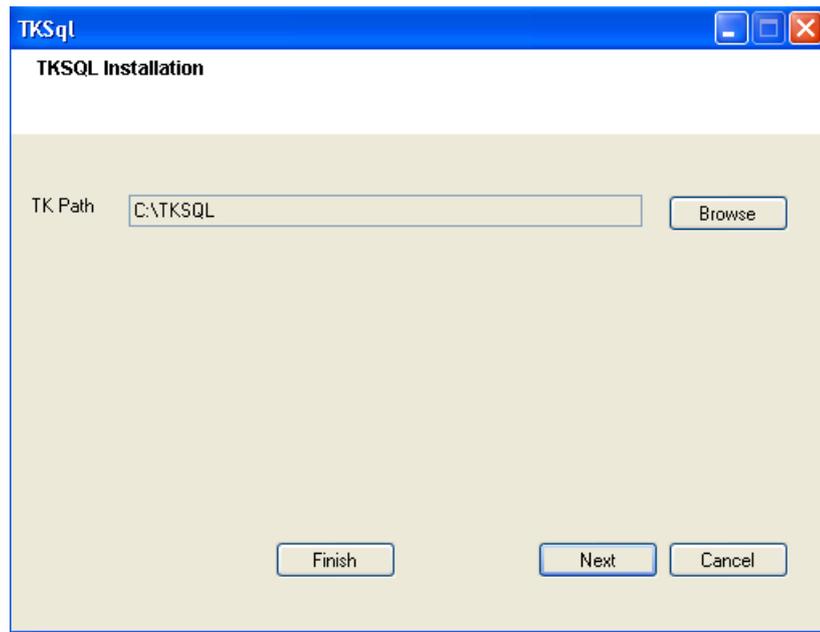


When the preparation ends, the feature selection screen appears:



8. Select the features to be installed. To view a description of the action to be taken for a feature, click on the text to view the **Description** on the right of the screen:
 - Programs—copies and registers all TimeKeeper programs with the most updated version available.
 - SQL Database—upgrades the database for use with the **TimeKeeper** installation.
9. Click **Next**.
10. The **TK Path** screen appears, indicating the default path from which the upgrade will be performed. The path is the same path that was input when the original **TimeKeeper**

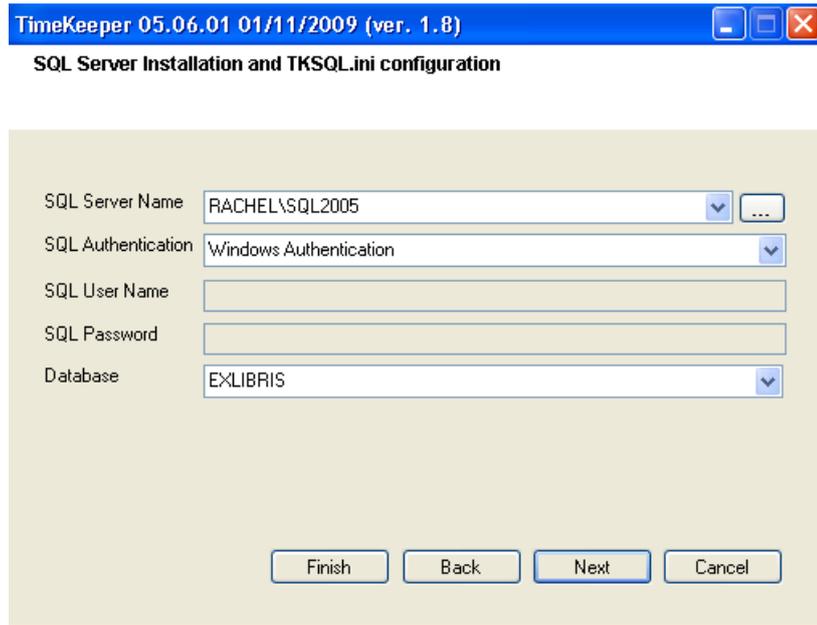
was installed with the wizard:



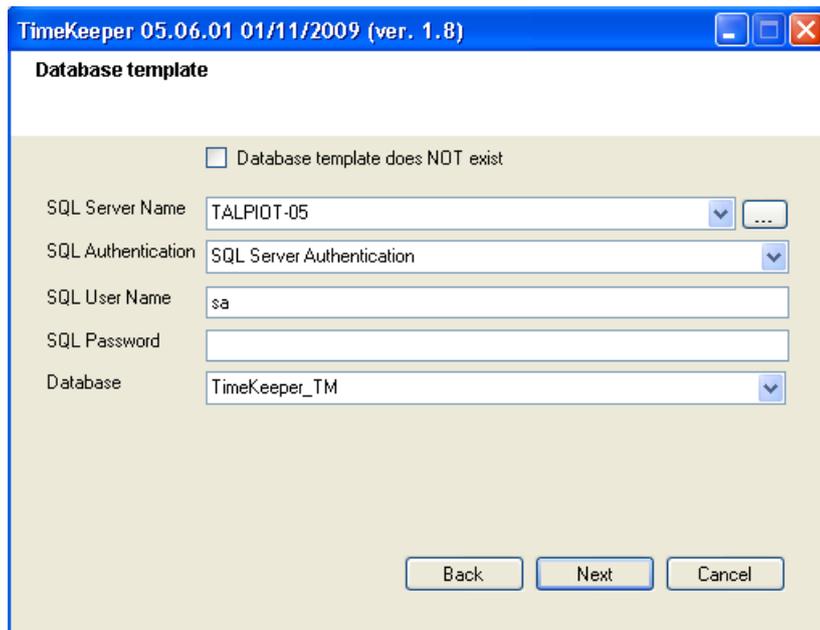
NOTE: If you are installing the programs from the customer's database but the programs should be installed on a separate server, map the network drive from the database server to the second server, create a **TKSQL** folder and then select this path for **TK Path**. Ensure this is the default path that appears here.

WARNING! Only install **TimeKeeper** in its own folder! When uninstalling the product, all files in that folder in which the product was installed will be deleted, including any files that are not part of the product! If the product was installed in the root folder of a drive, all files on that drive will be deleted when uninstalling the product!

11.The **Database Configuration** screen appears, indicating the default database for which the upgrade will be performed. The details are the same details that were input when the original **TimeKeeper** was installed with the wizard:



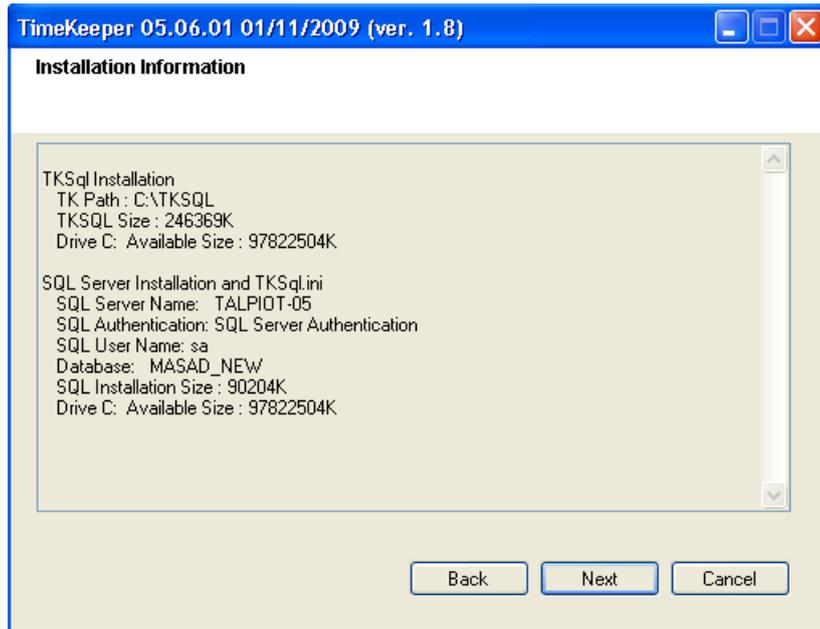
12. Click **Next**. The InstallShield will upgrade the existing, selected, database by using the **CompareDB** program. The **Database Template** dialog box appears:



The default for the screen is that the option **Database template does NOT exist** is selected. Select, or unselect the option as follows:

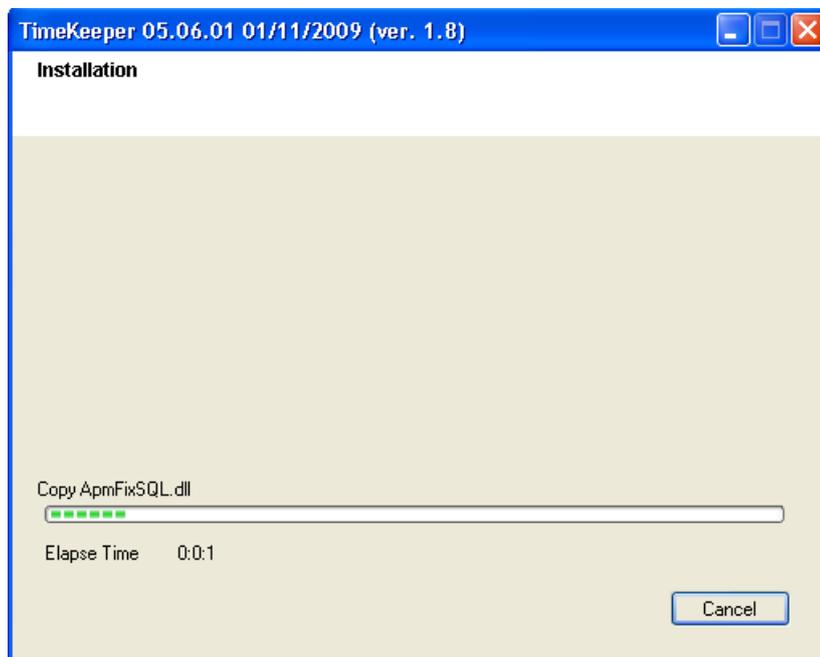
- Checkmarked: **Database template does NOT exist** indicates that the wizard should create a database template by restoring an existing **Synerion** database as follows:
 - i. The wizard creates a database template by restoring an existing TK database.

-
- ii. The wizard upgrades the customer database based on the template that was created through the **CompareDB** program.
 - iii. There is no need to complete an additional information on this screen. Optionally, enter:
 - DB Location—the location of the files used by the database template. The default location that appears is the location of the Microsoft SQL Server.
 - No checkmark: When the **Database template does NOT exist** option is **not** selected, the wizard uses a database template created in advance:
 - i. The customer creates a database template by restoring an existing database in advance, **manually**.
 - ii. The wizard requests information about the server location and authentication of the database template: the user of the install wizard should supply:
 - SQL Server Name—the server on which the database template is located.
 - SQL Authentication—the authentication method used for the database template.
 - SQL User Name—user name used to access the SQL server on which the database template is located.
 - SQL Password—password used to access the SQL server.
 - Database—the database template.
 - iii. The wizard upgrades the customer database based on the template that was created through the **CompareDB** program.
- 13.** Click **Next**. The **Installation Information** screen is displayed, confirming database details for the database to be installed:

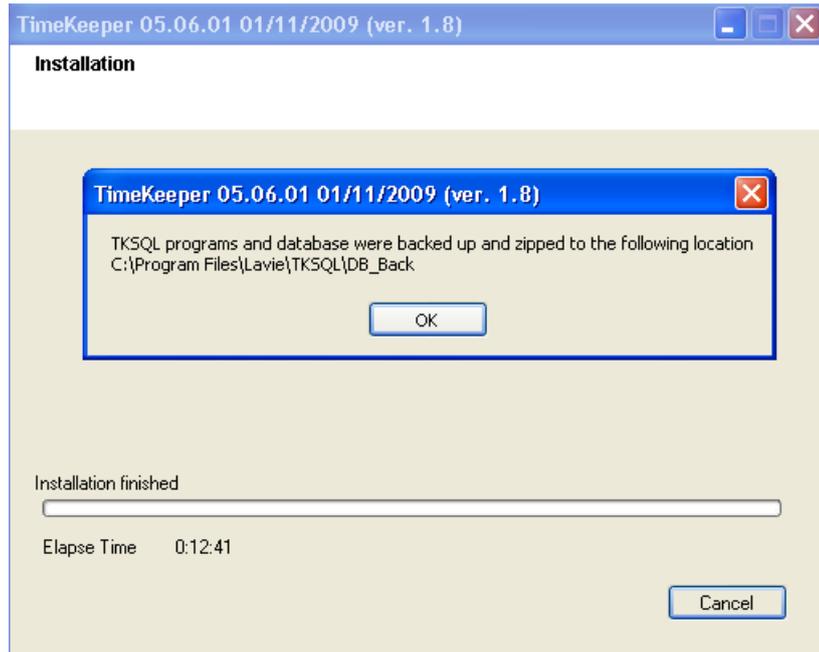


IMPORTANT! Ensure all data indicated in the Installation Information screen is accurate in order to avoid any installation errors.

14. Click **Next** to upgrade **TimeKeeper**. The installation begins:



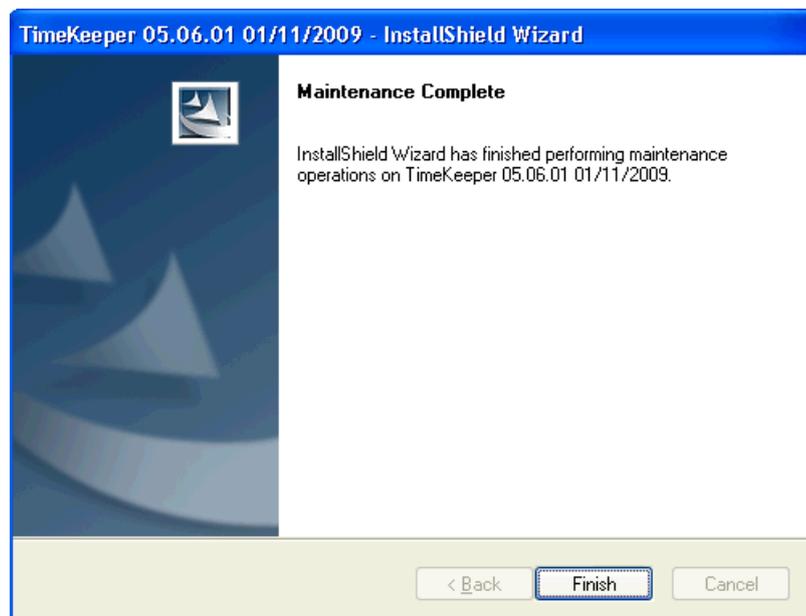
15. When the installation ends, a message appears notifying the location of the backup for the programs and/or database that was upgraded:



Note the location of the original database backup file, which was backed up prior to upgrading the system.

IMPORTANT! Each time InstallShield backs up programs and databases, the previous backups are overwritten with the new backups. This means that there is always only one back up version for programs and one for databases.

16. Click **OK**. The **Maintenance Complete** screen appears.



17. Click **Finish** to end the installation.

WARNING! Do not move or change the names of the database or any of the TimeKeeper folders. All structures must remain as they are installed by InstallShield! In order to make changes, perform an upgrade with InstallShield.

Multiple Workstation Installations (Client-Side)

This chapter describes how to install TimeKeeper SQL on multiple workstations from one central location.

WARNING! Currently, when installing the client on brand new computers, you must use the InstallShield and install on each individual workstation.

IMPORTANT! Each time special programs are available and installed on the server at the customer site, the programs must be registered on each workstation. To register the program on each individual workstation, see the **TimeKeeper Full Installation Guide**. To perform multiple installations, see the process described in this chapter.

The **TimeKeeper** client-side installation application file is available on the installation disk, and can also be downloaded from the **Synerion Systems** website.



To install TimeKeeper on multiple workstations from one central location:

1. Place the MSI file anywhere on the central computer from which you are performing the installations.
2. Run a command line with the following parameters:

msiexec /i: constant

C:\TKSQL_MSI\TkClientInstaller_050601_20091101.msi: location of the MSI file

INSTALLDIR=: constant

"\\TKSQL Server\Programs": location of the TimeKeeper installation on the server

/q: constant

EXAMPLE: msiexec /i
 C:\TKSQL_MSI\TkClientInstaller_050601_20091101.msi
 INSTALLDIR="\\TKSQL Server\Programs" /q

Installing Special TimeKeeper SQL Programs

This chapter describes how to install special **TimeKeeperSQL** programs, after the initial basic installation of the system.

TKSQL New Feature and Special Program Installation Instructions

NOTE: All special programs must be installed from the server from which **TimeKeeper** is run.

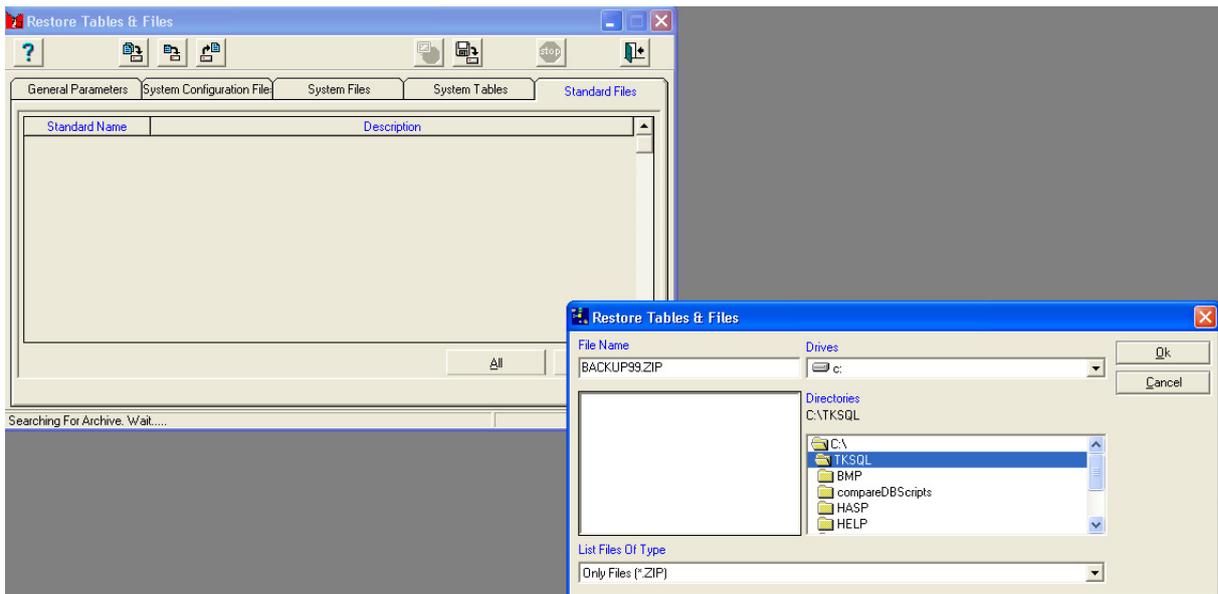


To install a special program:

NOTE: All special program installation steps are performed on the server side.

1. Ensure **TimeKeeper** is upgraded to the most recent release.
2. Ensure that you run a full database backup.
3. Ensure that you run **Backup 99**.
4. Copy all relevant .dll files to the **TK** folder from the relevant folder. For example: the **SPEC** folder or the top level of the **TK** folder.
5. Run the **reqemallw.exe** utility.
 - a. From the **TKSQL** directory, click **reqemallw.exe**. The **RegEmAllw** window is displayed.

- b. Run this utility by clicking **Execute** from the main window.
 - c. When the utility is finished running, click **Exit**.
6. Run the relevant sql scripts on the customer's database.
7. Update system messages as follows:
- a. From **TKSQL**, select **Maintenance => Restore Tables and System Tables**.
The **Restore Tables and Files** window is displayed:



- b. Find the most updated messages **zip** file wherever you saved it on the PC (listed in the **Files, Programs and Database Updates** table where relevant) and click **OK**.
 - c. From the main window, click .
 - d. Click **Exit** when done.
8. Ensure any relevant image files are in the **TK** folder.
9. Exit and restart **TimeKeeper**.

File Locations

This chapter provides paths for essential files referred to during different installations and upgrades.

- Program backup:

```
C:\program files\lavie\tksql\db_back\tksql_pr.zip
```

- Database backup:

```
C:\program files\lavie\tksql\db_back\tksql_db.zip
```

- Log files:

```
C:\program  
files\lavie\tksql\log\tksqlInstall_yyyymmdd_hhmmss
```