



TKSQL Installation Wizard

Installation Guide

TKSQL: v5.10.06
8/11/10

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How to Use this Guide

Most of the time, you will only need a couple of the chapters in this guide.

The following sections show you which chapter to go to:

Server-Side Installations

If you need:	Go to:
For first-time installations and first-time use of the wizard, if you need to install all three available features: programs, database and HASP	on page 17
For first-time installations and first-time use of the wizard, if you need to install programs and/or database only	on page 17
For upgrades of any features that have already been installed	on page 39
To install additional features after at least one feature has already been installed—for example, to install programs after the database has already been installed	on page 49
To remove the TimeKeeper installation	on page 75

Workstation (Client-Side) Installations

If you need:	Go to:
Install on a brand new computer	Individual Workstation Installation and Upgrade (Client-Side) on page 85
Install on individual workstations	Individual Workstation Installation and Upgrade (Client-Side) on page 85
Install on multiple workstations from a central location	on page 89

Additional Information

If you need:	Go to:
Overview of installation	Server-Side Installation Wizard Overview on page 11
Supporting Hebrew	Windows 7 & 2008 R2 Hotfix Installation for Hebrew Support on page 81
Troubleshooting	Troubleshooting the TimeKeeper SQL Installation on page 93
To install special programs after completing the basic installation	Installing Special TimeKeeper SQL Programs on page 73

Part 1

Server Installation

Server-Side Installation Wizard Overview

This chapter provides an overview of the **TKSQL** wizard installer, designed to enable quick and easy installation and upgrade processes for the server-side. The wizard installer automates installation processes, thereby guaranteeing the processes are performed correctly. The wizard, which operates based on **InstallShield®**, is a user-friendly tool easily operated by the IT administrator.

Benefits of the wizard installer include:

- Decreases the time of the installation process
- Enables easy roll back to previous installations in the middle of the installation process and after the installation has completed
- Provides back ups of programs that were deleted during upgrade
- Reduces problems that occur as the result of exiting the installation process without completing the installation
- Notifies when there are problems with the installation, the current stage of the installation and when the installation has completed successfully
- Synchronizes between **TKSQL** and **iBrowse** versions
- Supports SQL 2005 and 2008
- Supports **Windows Authentication**
- Decreases the amount of information that needs to be input
- Provides clear instructions and notifications throughout the installation process
- Offers a user-friendly GUI enabling simple installation and upgrade with only a few short

steps, clear instructions and clear notifications

Step-by-Step Overview

This section provides a step-by-step overview of the process by which the installation wizard operates:

1. The system first ensures that all system requirements exist prior to performing the installation in order to ensure in advance that the process completes successfully:
 - a. General conditions are checked in order to ensure successful installation including: available disk space, FrameWork2 and HASP installations, available license, and so forth.
 - b. Upgrade requirements are also checked, when using the wizard to upgrade an existing system: the existing installation is checked, MDAK, and collation are also checked, and so forth.
2. If there are problems with the existing system requirements and installations, the wizard will either end the installation process or provide clear notification to the user that there is a problem, with an indication of what the problem is specifically.
3. The system saves a file containing the initial installation definitions entered for the first-time installation (or the first-time upgrade if this is the first time the wizard is used) in a permanent location that can be used again when newer upgrades and installations are run, eliminating the need to re-enter the information by the user.
4. If the user cancels the process at any of the stages of installation or upgrade, the wizard performs automatic roll back for the user to the previous version of the system and creates a detailed log, backups of necessary files, databases and definitions.
5. The wizard provides a step-by-step GUI with clear instructions for input by the user.
6. For installation and upgrades for the first time with the wizard:
 - a. Programs only:
 - i. The user selects the components for installation.
 - ii. The wizard validates requirements for installation.
 - iii. The user enters the required HASP (dealer) code.
 - iv. The wizard copies necessary programs, validates programs and registers files.
 - b. Database only:

- i. The user selects the components for installation and the destination folder.
 - ii. The user enters the required HASP (dealer) code.
 - iii. The wizard prompts the user to define the database.
 - iv. The wizard validates the requirements for the database installation, and installs the database, checks performance of the database and registers files.
 - c. Programs and database only:
 - i. The user selects the components for installation and the destination folder.
 - ii. The wizard validates requirements for installation.
 - iii. The user enters the required HASP (dealer) code.
 - iv. The wizard prompts the user to define the database.
 - v. The wizard copies necessary programs, validates programs and registers files.
 - vi. The wizard validates the requirements for the database installation, and installs the database, compares the customer database with the Synerion template database, and resolves conflicts between the two.
- 7. For subsequent upgrades:
 - a. Programs only:
 - i. The user selects the components for upgrade, change or repair, and the destination folder if necessary.
 - ii. The wizard validates the system requirements for backup and copying of the programs.
 - iii. The user enters the short code.
 - iv. The system backs up all existing programs and copies new programs, validating those programs and registers the files.
 - b. Database only:
 - i. The user selects the components for installation and the destination folder.
 - ii. The wizard prompts the user to define the database if desired.
 - iii. The user enters the short HASP (dealer) code.

- ### 3: Server-Side Installation Wizard Overview 15

Installing TimeKeeper SQL

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.

WARNING! A remote database cannot be installed for first-time installations!

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

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. For more information see step 20.

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.

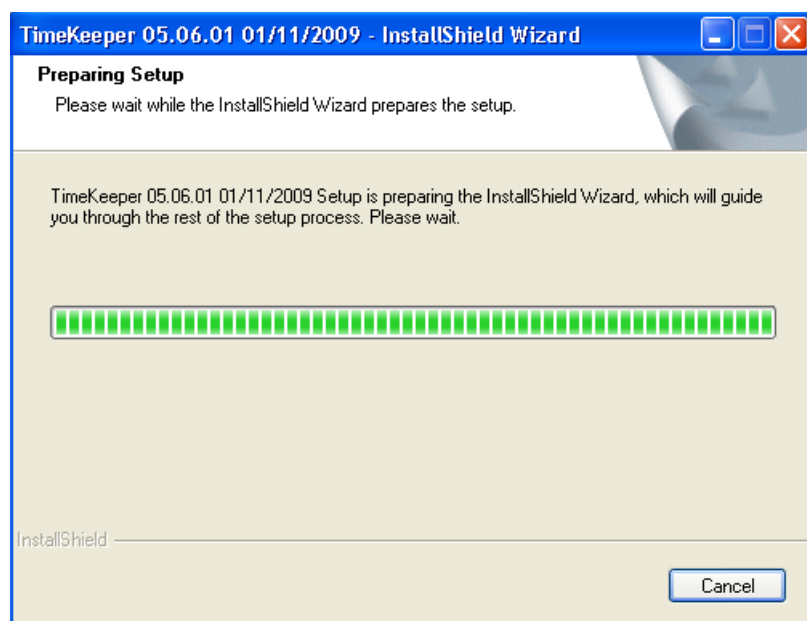


To install TimeKeeper SQL using the wizard:

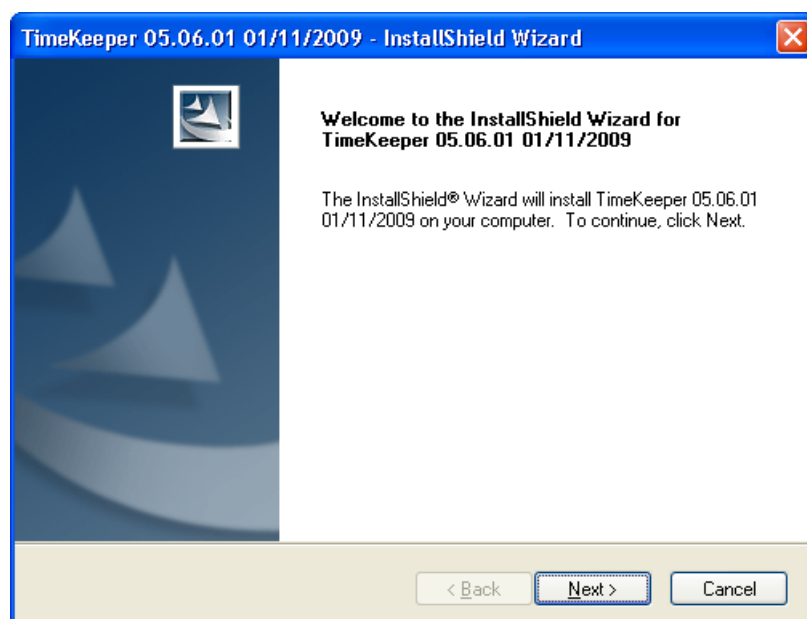
IMPORTANT! If the installation ceases in the middle, manually or by crash, then: 1. restart the InstallSHIELD and select **Remove**. After removing the installation, restart InstallSHIELD and begin the installation again.

NOTE: If there are any problems with the information for installation at any stage, click **Back** to change the input details or click **Cancel** to end the installation process.

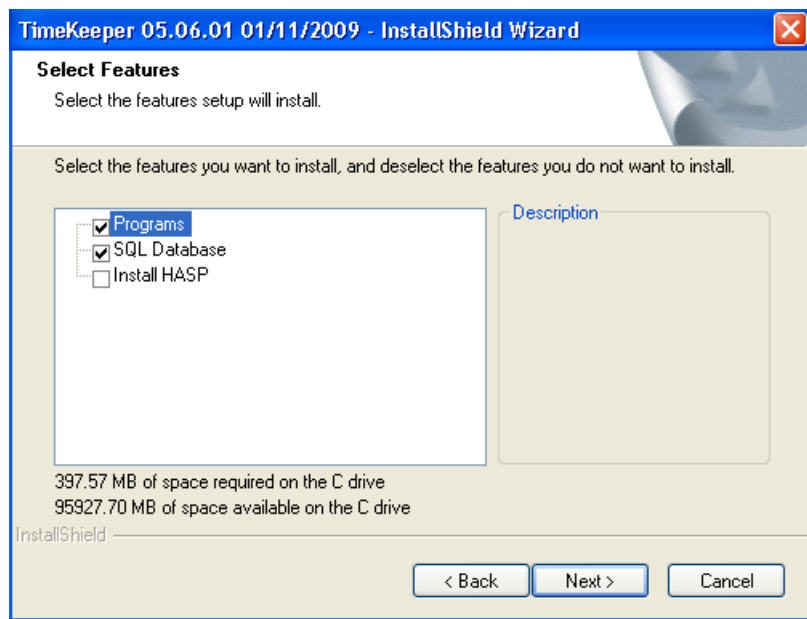
1. Ensure all existing **TKSQL** applications are closed and no **TKSQL** users are operating the system.
2. If **iBrowse** and **TKSQL** are installed on the same server:
 - a. All **iBrowse** users must shut down the application as well.
 - b. The **iBrowse** COM must be shut down.
3. Insert the CD or the selected media into the server.
4. Open the media and run the **TimeKeeper** installation.exe file. The **InstallShield Wizard** runs automatically, usually for a range of a few seconds to a minute.



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



5. Click **Next**. The **Select Features** screen appears:



6. Select the features to be installed:

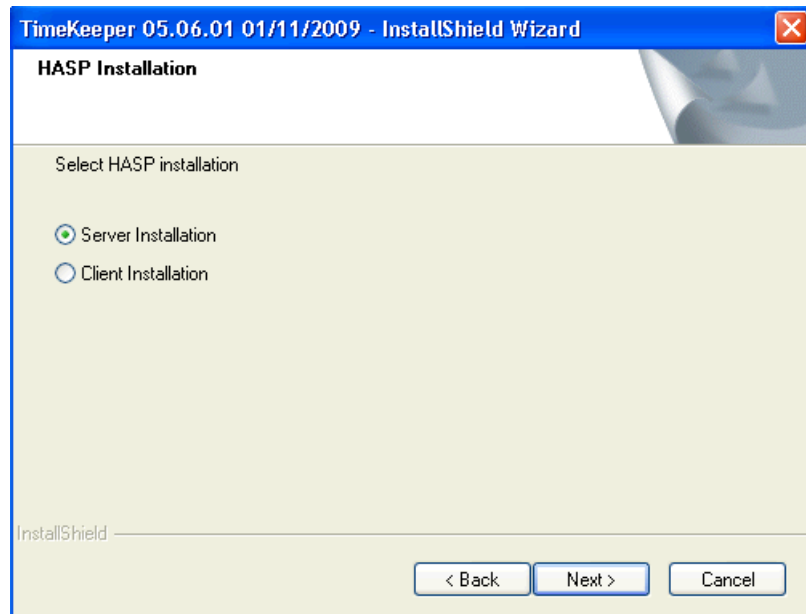
- Programs—copies and registers all **TimeKeeper** programs with the most updated version available.
- SQL Database—creates or upgrades a database for use with the **TimeKeeper** installation.
- Install HASP—installs the dealer plug. This installation feature can be used for the first-time installation of the dealer plug. Additional information about HASP can be found in the user guides and supplementary information provided by **Aladdin** and located at the **Synerion Systems** offices.

NOTE: The Install HASP option is NOT part of the default. To install HASP, select this option.

7. Click **Next**.

If you selected to install HASP in addition to the other features, go to step 8.

8. The **HASP Installation** screen appears:



9. From the HASP screen, select:

- Server installation—when installing HASP on a network that uses a red plug designed for multiple users. Workstations that use this plug should also have client installations of the HASP.
- Client installation—this installation has two uses:
 - Installed when interfacing with a network plug (see the Server Installation description)
 - Installed when using separate plugs for every workstation. When using separate plugs, there is no server installation.

NOTE: Client Installation is NOT the default. The option must be selected in order to continue with the client installation.

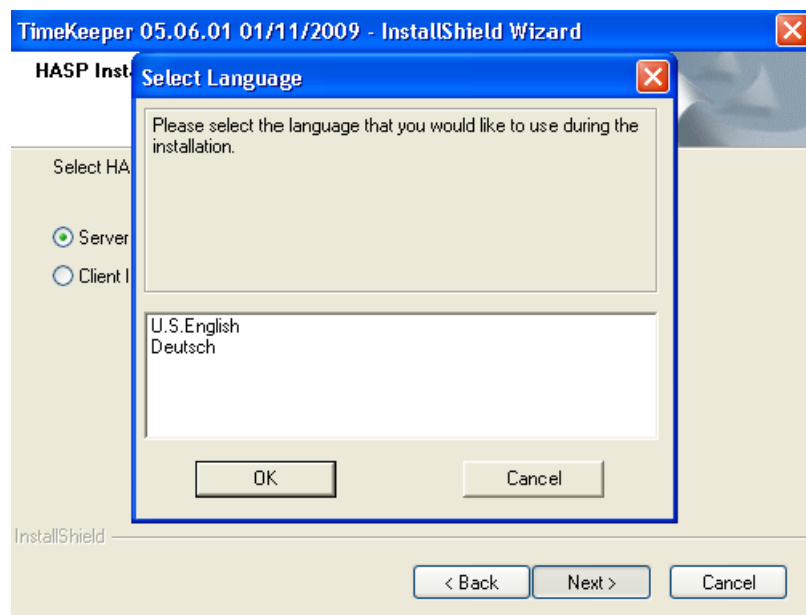
10. Click **Next**. For the server installation of HASP, go to step 11. For the client installation of HASP, go to step 12.

If you did not select to install HASP in addition to the other features, go to step 13.

11. For HASP Server Installation, the following screen appears while the HASP server installer loads:



The **Select Language** screen appears:

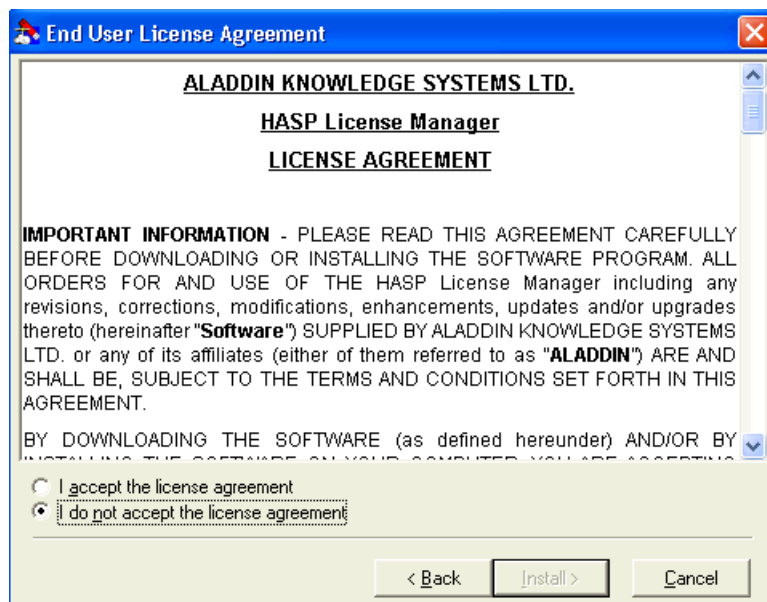


- a. Select the desired language from the list and click **OK**.

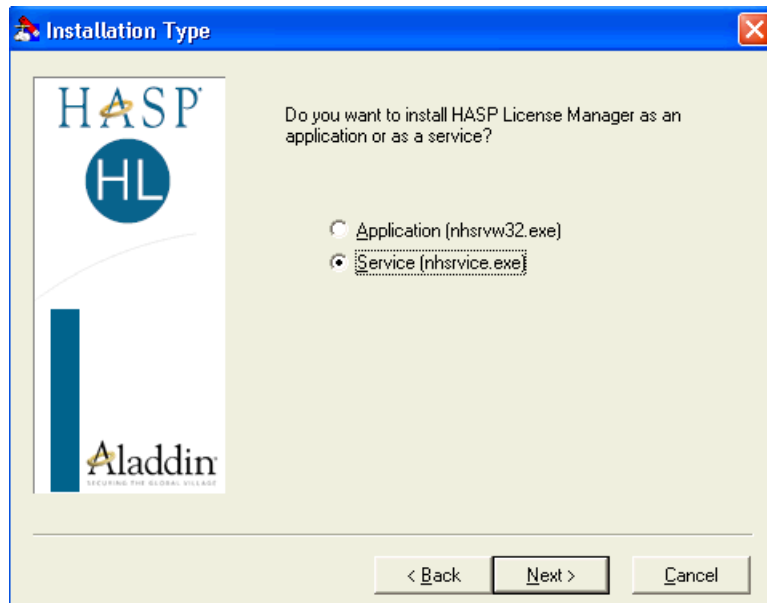
The **Welcome** screen appears:



- b. Click **Next**. The license agreement appears:



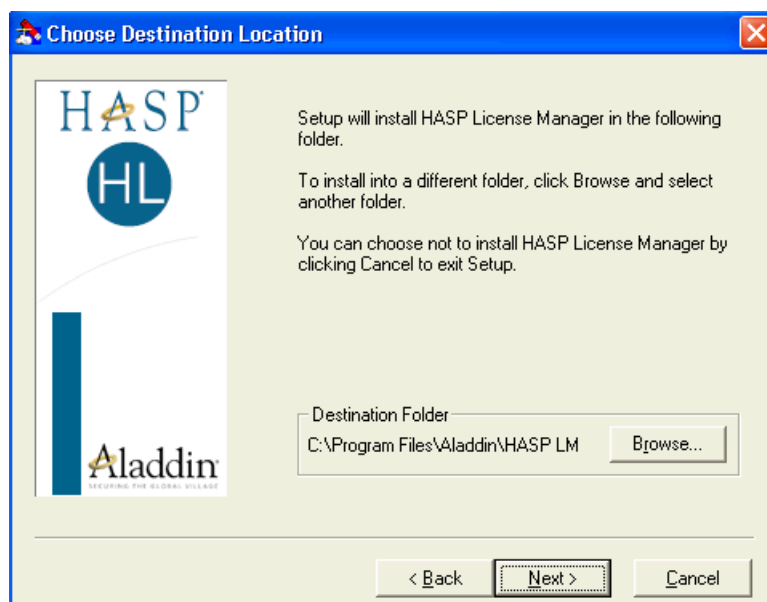
- c. Select **I accept the license agreement** and click **Install**. The **Installation Type** screen appears:



d. Select the necessary option—**Application** or **Service**:

- **Application**—will install HASP in such a way as to demand manual activation each time the plug is accessed or the computer is re-started.
- **Service**—runs and manages the HASP automatically in the background.

e. Click **Next**. The **Destination Location** screen appears:

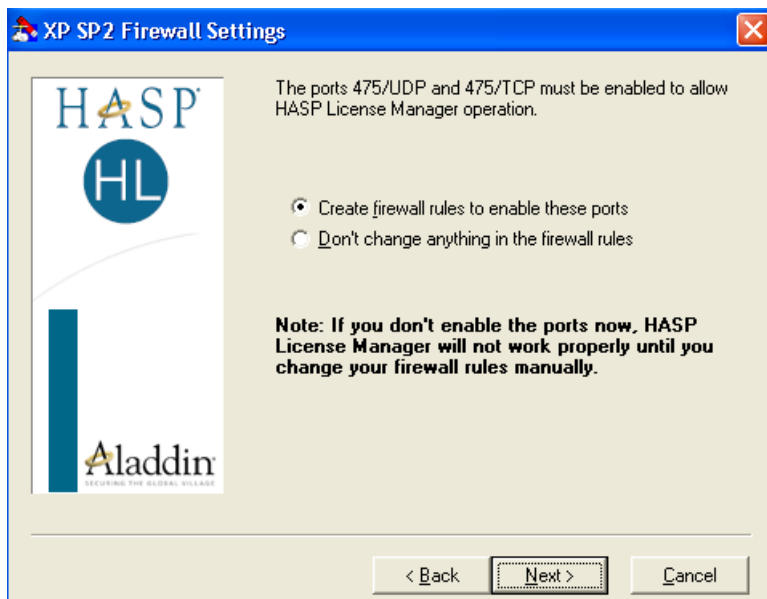


The default path appears in the **Destination Folder** field. To change the field, manually enter a new path or click **Browse** and browse for the correct destination.

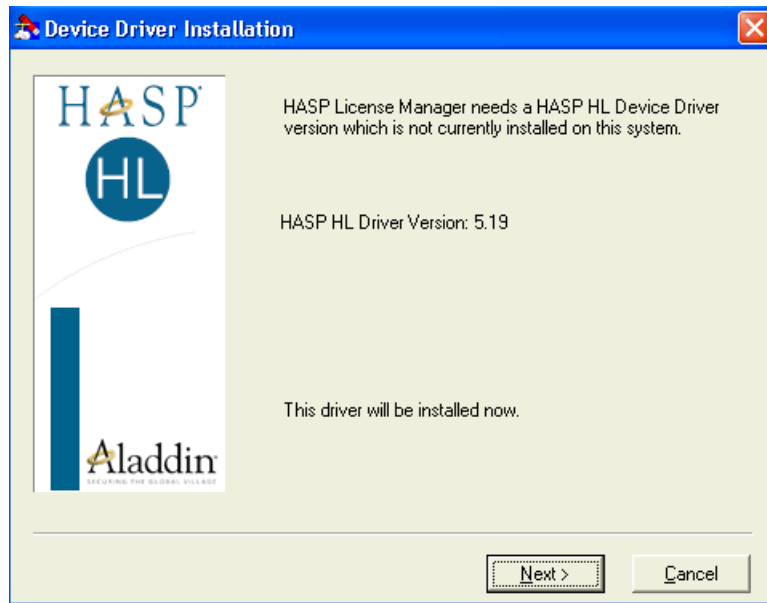
f. Click **Next**. The **Program Manager Group** screen appears:



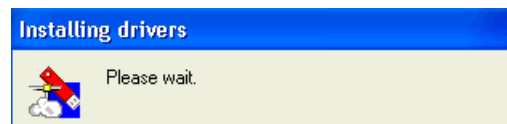
- g. The default **HASP License Manager** appears. The **Program Manager Group** is the name of the group under which the HASP license manager will appear from the PC Start menu. To change the name of the **Program Manager Group**, manually enter the desired text.
- h. Click **Next**. The firewall screen appears:



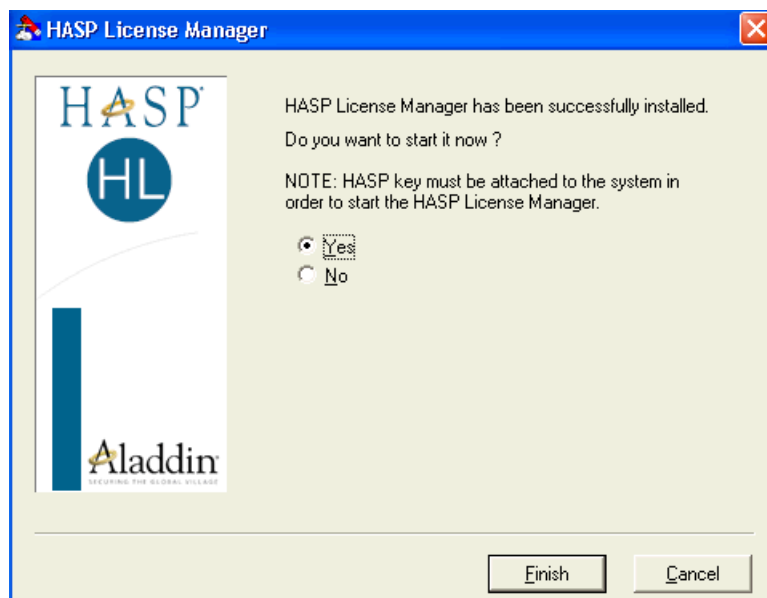
- In order to ensure the HASP operates correctly, leave the default **Create firewall rules to enable these ports**. This option opens all necessary ports to which HASP requires access.
- i. Click **Next**. If the necessary device driver is not already installed on the computer, the following screen appears, preparing to install the device:



- j. Click **Next**. The drivers are installed and the status screen appears during installation:



- k. When the drivers are successfully installed, the HASP installation is complete and the final screen appears:



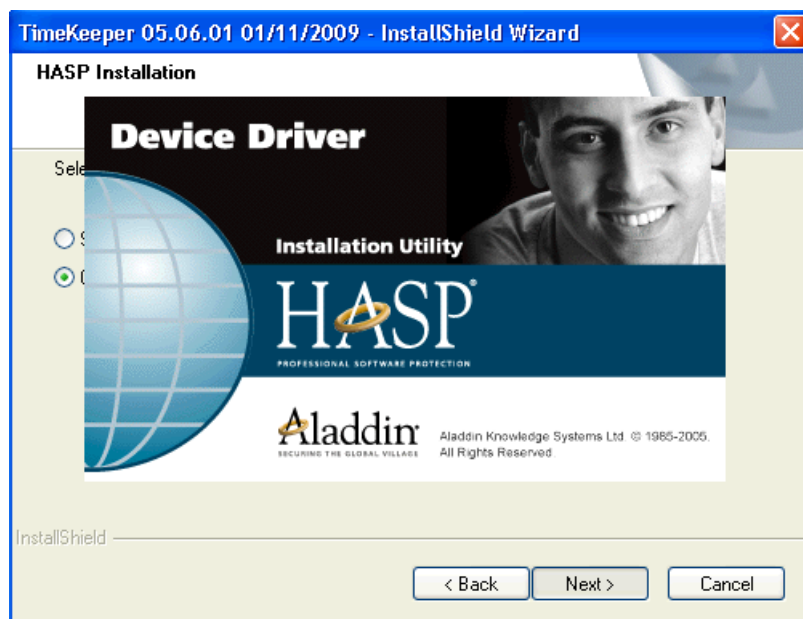
- l. Select **Yes** to automatically start the HASP license manager and select **No** to start the HASP license manager later.
- m. Click **Finish**. If you selected **Yes** in the final screen, the HASP license manager automatically loads. At the end of the HASP installation, the **TimeKeeper** wizard installer continues. Go to step 13.

To load the HASP license manager manually, select **Start** from your PC and go the **Program Manager Group** you created during the installation wizard process.

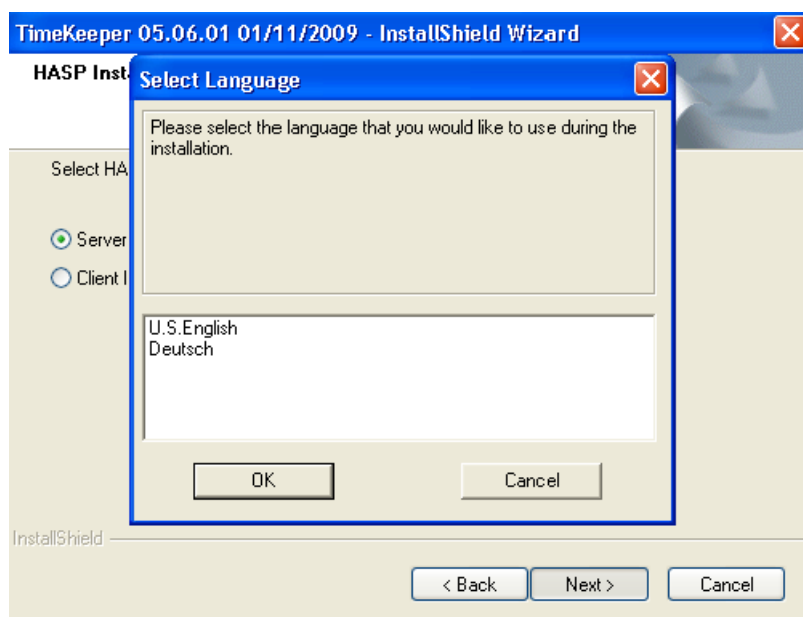
When the HASP license manager is running, the HASP icon  appears in the system tray of the PC: .

For more information about HASP, see the user guide issued with the software.

12. For HASP Client Installation, the following screen appears while the HASP client installer loads:



The **Select Language** screen appears:

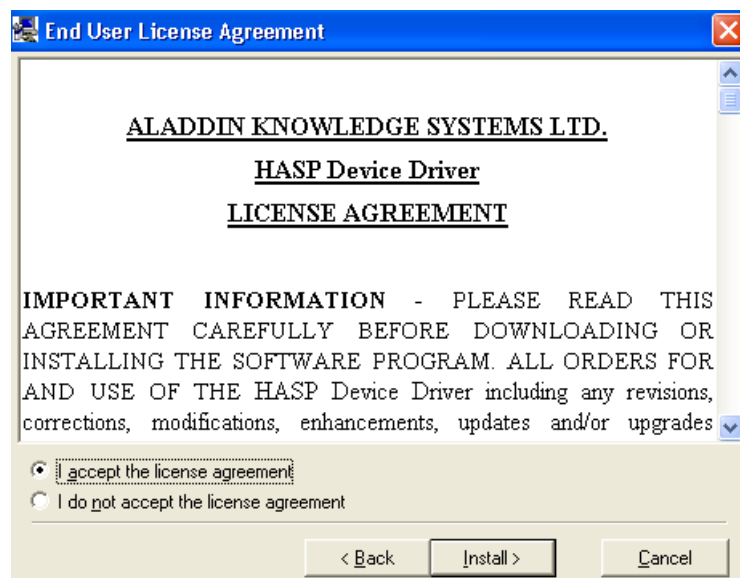


- a. Select the desired language from the list and click **OK**.

When the installer has loaded the **Welcome** screen appears:

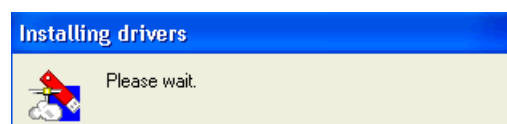


- b. Click **Next**. The HASP license agreement appears:



- c. Select **I accept the license agreement** and click **Install**.

The drivers are installed and the status screen appears during installation:

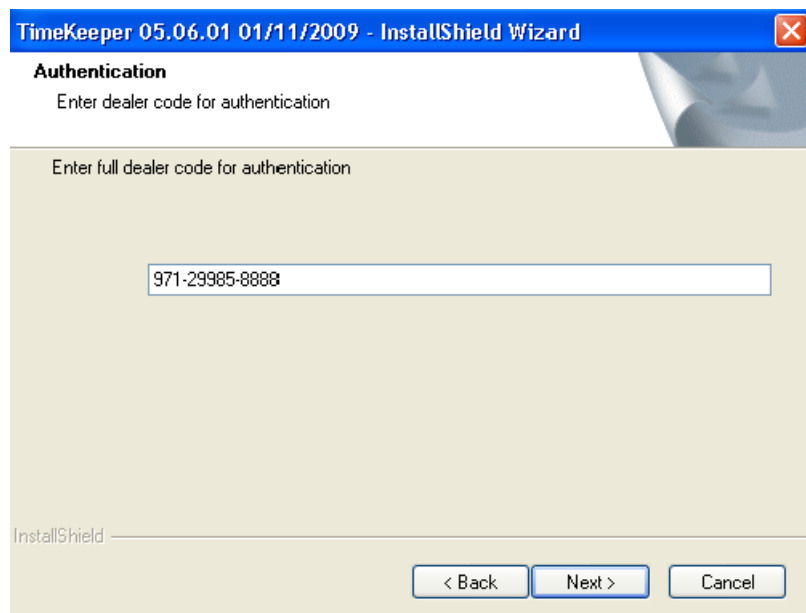


When the drivers are installed successfully a screen appears with a notification accordingly:



d. Click **Finish**.

13. The **TK InstallShield Authentication** screen appears.

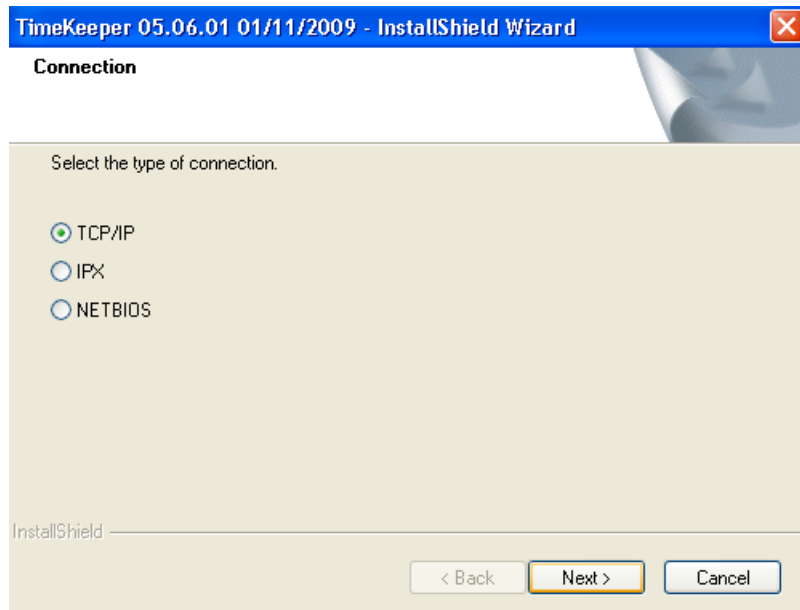


14. Enter the in full **HASP** code. Include the hyphens that appear in the code that you were issued.

EXAMPLE: 972-29985-7858

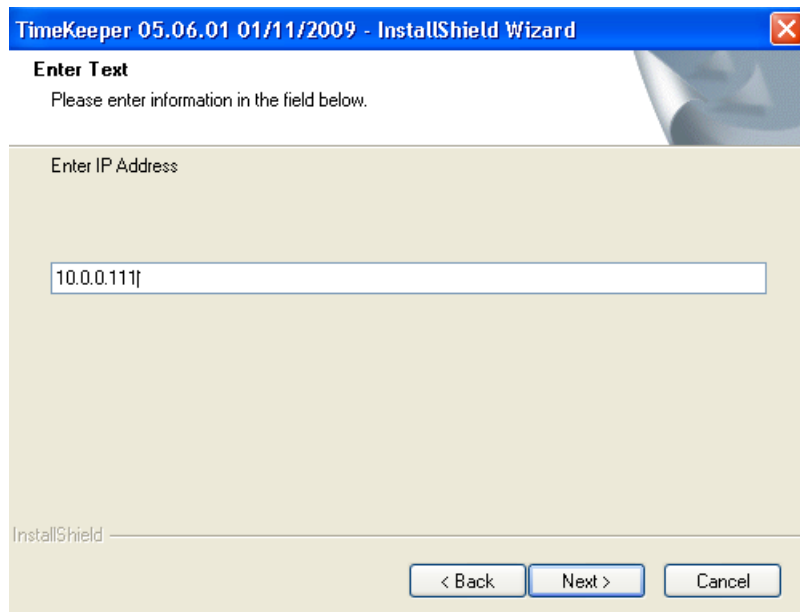
15. Click **Next**.

- a. If the authentication code is properly recognized, go to step e. If the authentication code is not recognized by InstallShield/**TimeKeeper**, the **Connection** screen appears:



b. Select the protocol type used by the customer site.

c. Click Next. The **IP Address** screen appears:



d. Enter the IP address of the server on which the plug is located. To find the IP address, from the server:

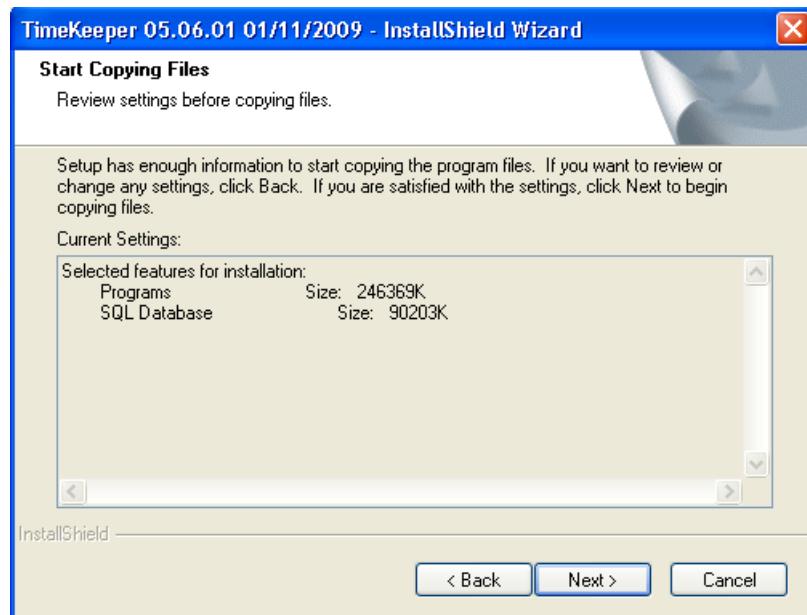
i. Select **Start=>Run**.

ii. Type `cmd` and click **OK**.

iii. From the screen that opens, type `ipconfig` and **<Enter>**.

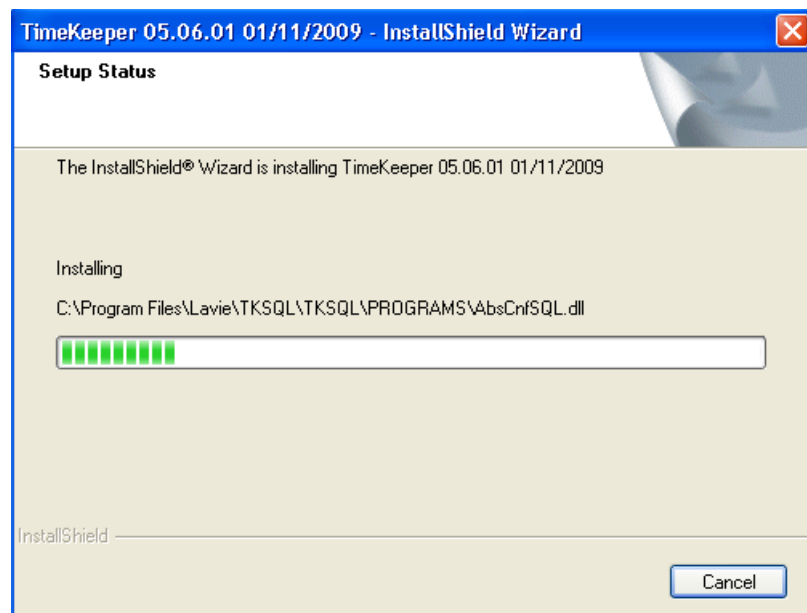
e. Click **Next**. If there is still a problem, see [Troubleshooting the TimeKeeper SQL Installation on page 93](#) the **Troubleshooting** chapter in the **TimeKeeper Full**

Installation Guide. If the authentication code is now accepted, the **Confirmation** screen appears, describing the features selected for installation and the amount of disk space expected to be used:

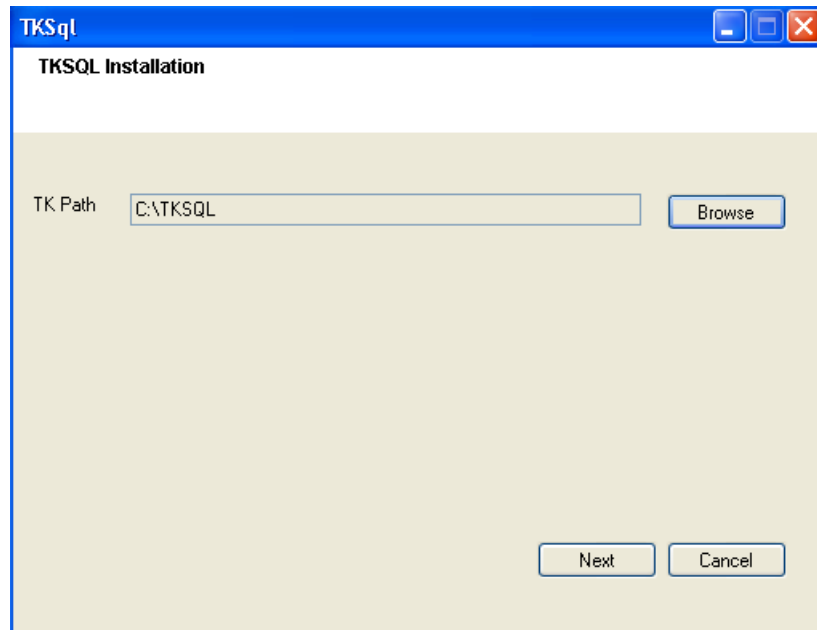


16. If the information displayed is correct, click **Next**.

The **Setup Status** notification screen appears while all necessary files for **TimeKeeper** program installation are copied to their destination.



When the files are successfully copied, if only the database was selected for installation, the **Configuration** screen appears—go to step **19**. If programs were selected for installation, the **TK Path** screen appears:



- 17.** In the **TK Path** field, click **Browse** to browse your computer and to select the path at which the **TimeKeeper** should be installed. If the necessary folder does not exist, create it first, and then select it from the **InstallShield**.

If you are installing the programs from the customer's database server 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**.

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!

- 18.** Click **Next**.

The **Configuration** screen appears:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)

SQL Server Installation and TKSQl.ini configuration

☒ First Database Installation

SQL Server Name: TALPIOT-05

SQL Authentication: SQL Server Authentication

SQL User Name: sa

SQL Password:

Database: MASAD_NEW

DB Location: C:\Program Files\Microsoft SQL Server\MSSQL\dat\

Back Next Cancel

This **Configuration** screen enables you to install the database.

19. Enter information in the **Configuration** screen as follows:

NOTE: If you are only installing programs, then you must enter a database that already exists at this stage—the **First Database Installation** is not available. If this is the case, complete this screen, and continue to step **23**.

- First Database installation—check this box to if this is an entirely first time installation with no database available.

IMPORTANT! From this screen if you so select First Database Installation and click next, a warning message appears if this database does actually already exist. Click OK to overwrite the database, or click NO to return to the screen and remove the checkmark.

- SQL Server Name—the server on which the database is to be installed or upgraded.
- SQL Authentication—the authentication method used when accessing SQL:SQL Server Authentication, requires user name and password or Windows Authentication, uses the PC user name and password.
- SQL User Name—user name used to access the SQL server.
- SQL Password—password used to access the SQL server.
- Database—the database to be installed or upgraded. If there is already an existing database available for the indicated SQL server, then the list of databases from which

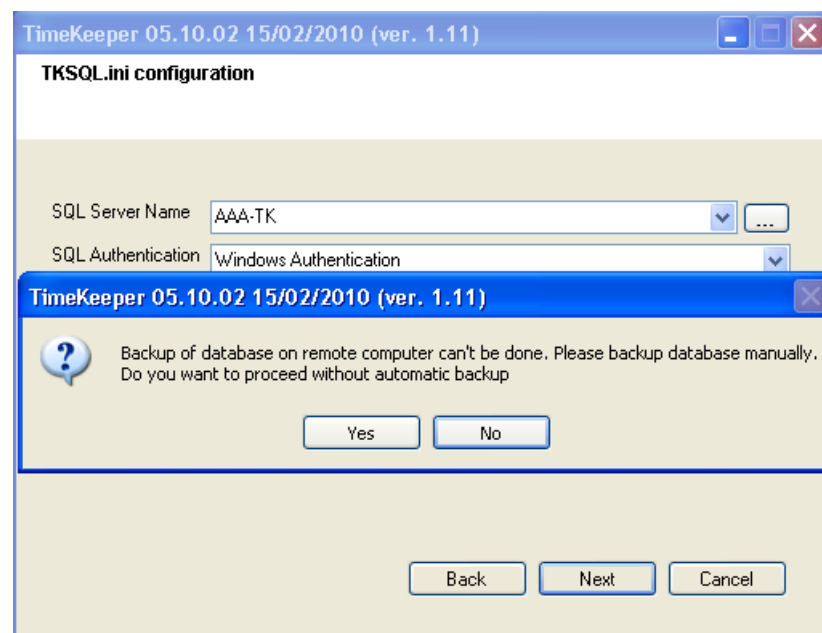
you can choose appears dynamically based on the indicated server.

- DB Location—For first-time installation only (if **First Database Installation** is not selected this field does not appear), designate the location of the files used by the database and where the database should be created. The default location that appears is the location of the Microsoft SQL Server. The location can only be changed for first-time installation.

20. Click **Next**.

WARNING! If the installation must be performed on a remote server (not recommended), InstallShield cannot automatically back up the database. You must perform a manual back up of the database before continuing.

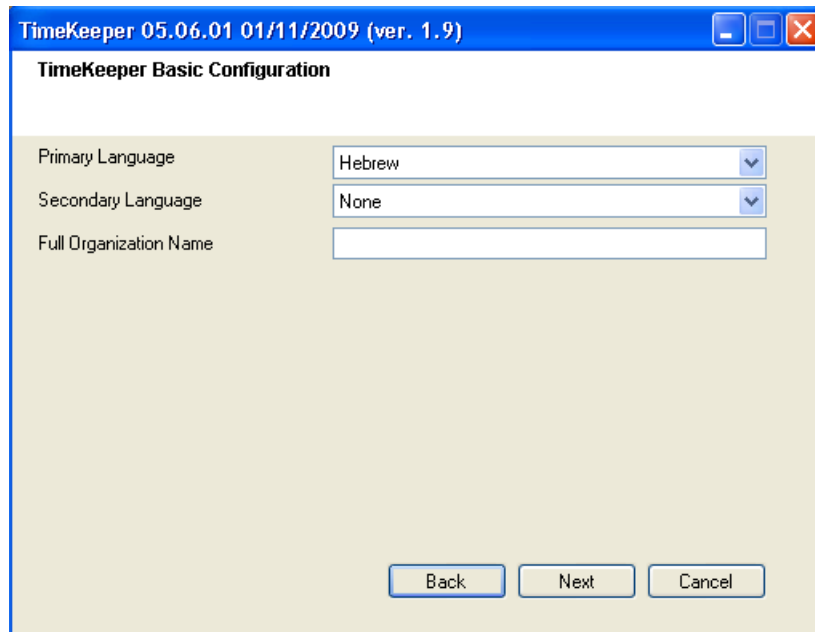
If you selected to install on a remote server, the following message appears to confirm this:



After performing the manual backup click **Yes**, or click **No** to select a different server.

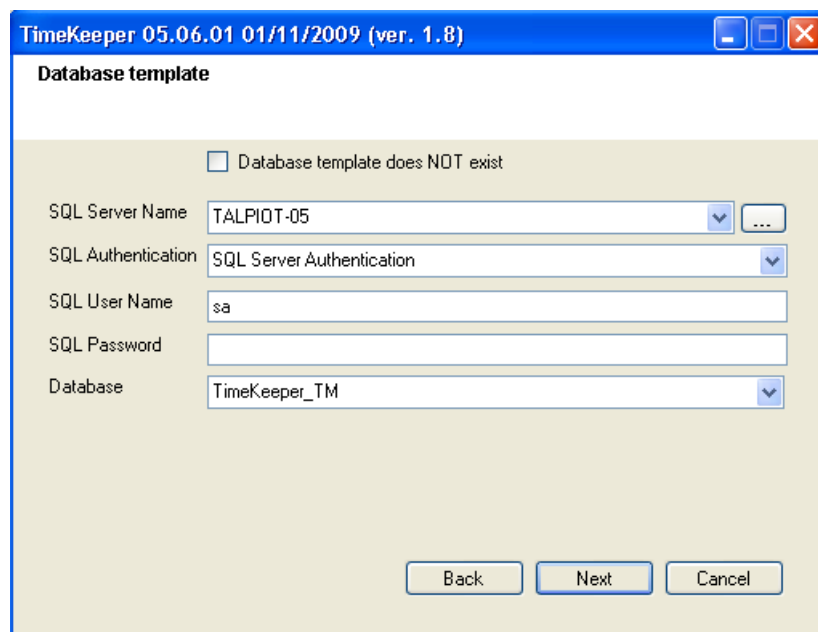
If **First Database Installation** was selected, go to step **21**. If **First Database Installation** was not selected, go to step **22**.

21. If this is a first time installation ever and **First Database Installation** was selected in the previous screen, the **Basic Configuration** screen appears:



Select the **Primary** and **Secondary** languages to be used from the **TimeKeeper** installation, and enter the name of the company as it is to appear from **TimeKeeper** in the **Full Organization Name** field.

22. If **First Database Installation** is not selected, 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 **Lavie** database as

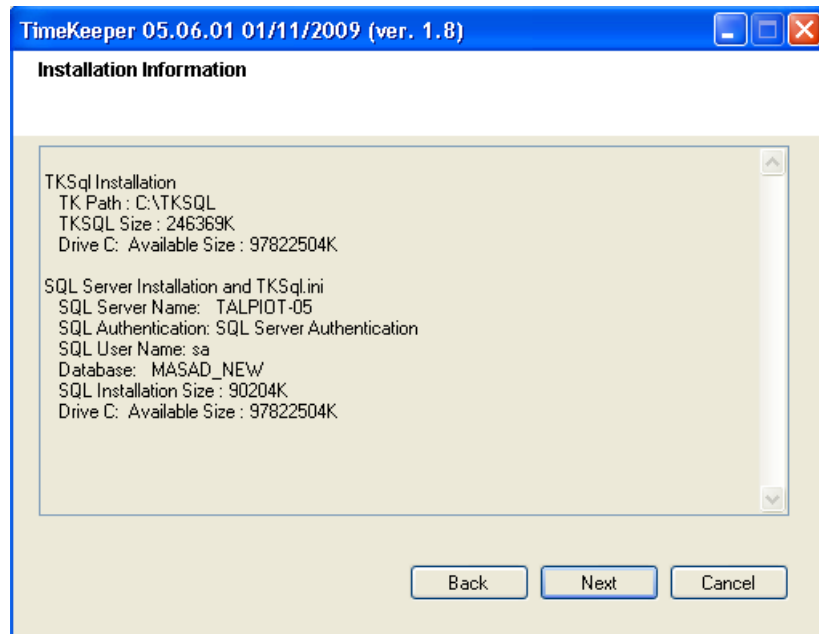
follows:

NOTE: This is the preferred and default process. Only use the second option if the customer does not permit access to their databases.

- 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 additional information on this screen. Optionally:
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:

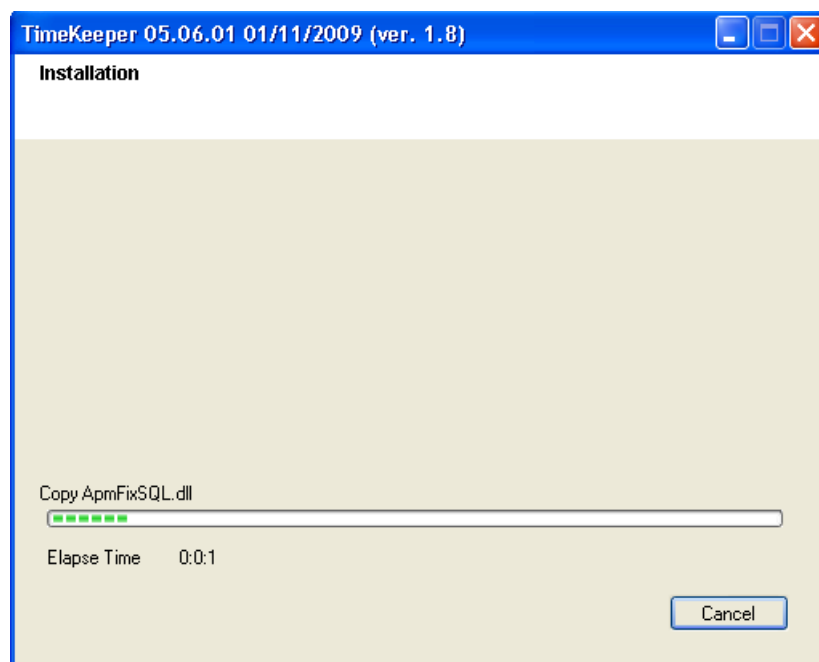
NOTE: This process is only to be used if the customer does not permit access to their databases.

- 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.
- 23.** Click **Next**. The **Installation Information** screen is displayed, confirming database details for the database to be installed, or upgraded:

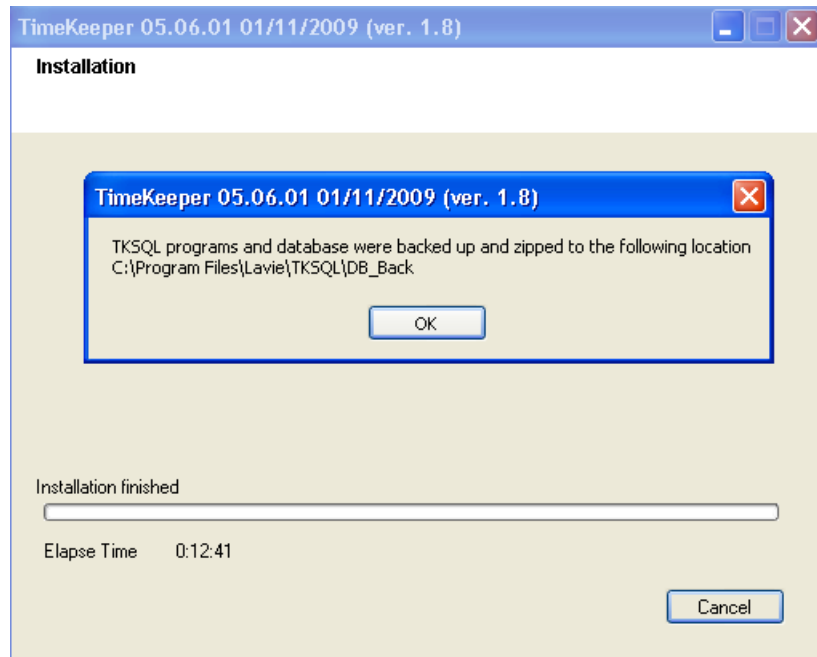


IMPORTANT! Ensure all data indicated in the Installation Information screen is accurate in order to avoid any installation errors.

24. Click **Next** to install. The installation begins.

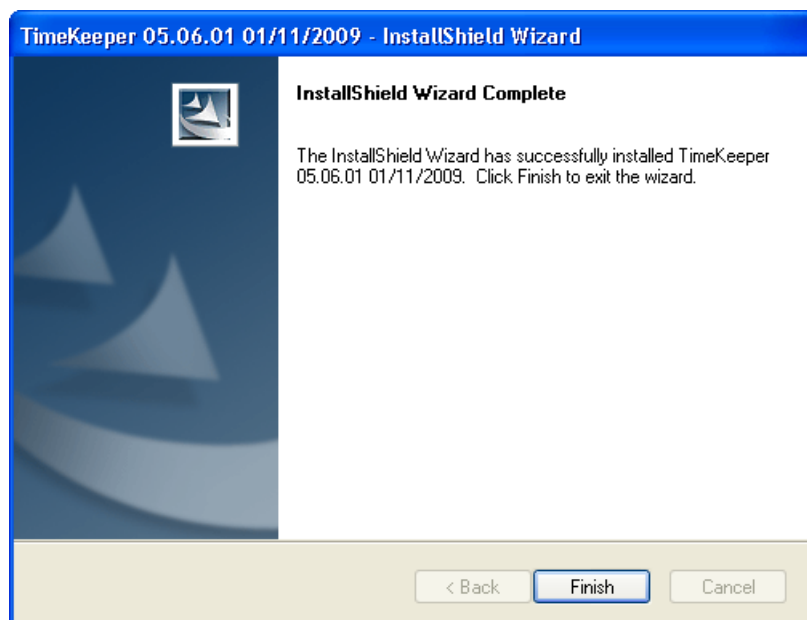


25. When the installation completes, a message similar to the following appears:



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

26. Click **OK**. The **Finish** screen appears.



27. 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.

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**. following sections: [on page 49](#).

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.

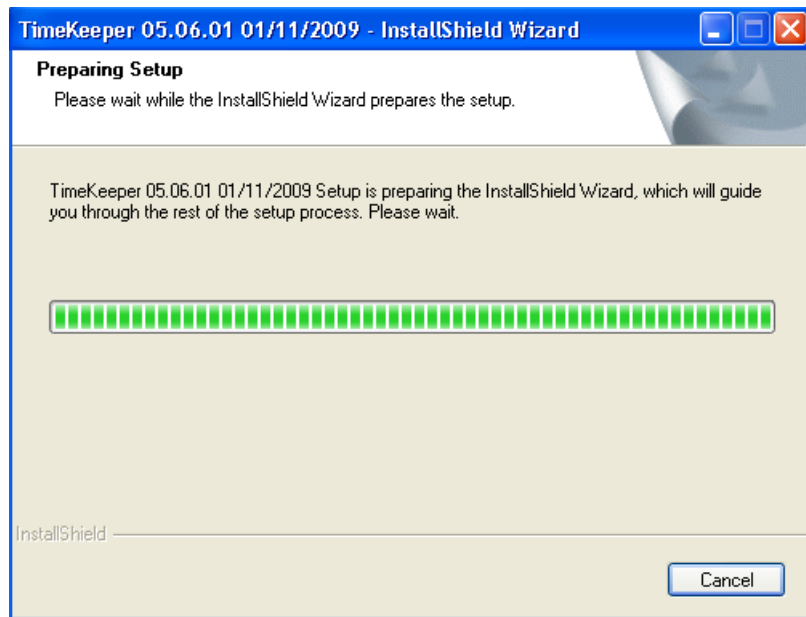


To upgrade using the wizard:

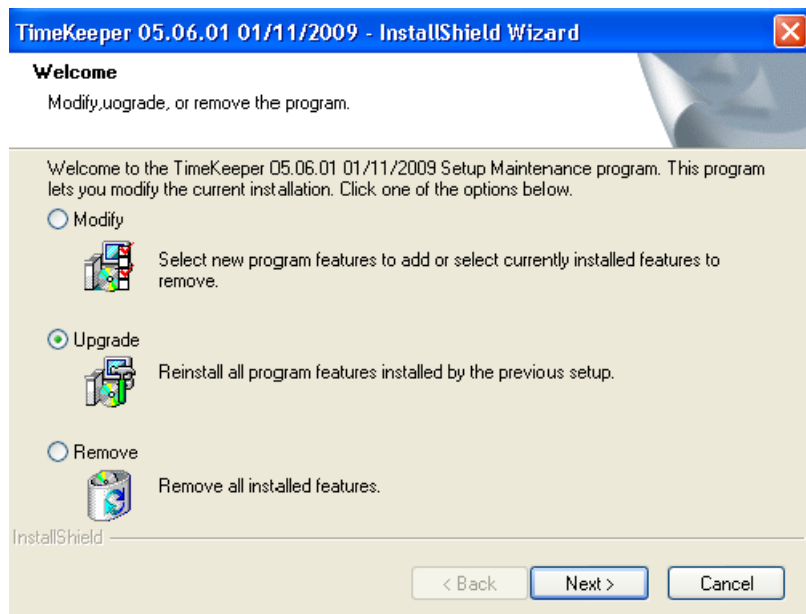
1. Ensure all existing **TKSQL** applications are closed and no **TKSQL** users are operating the system.

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:

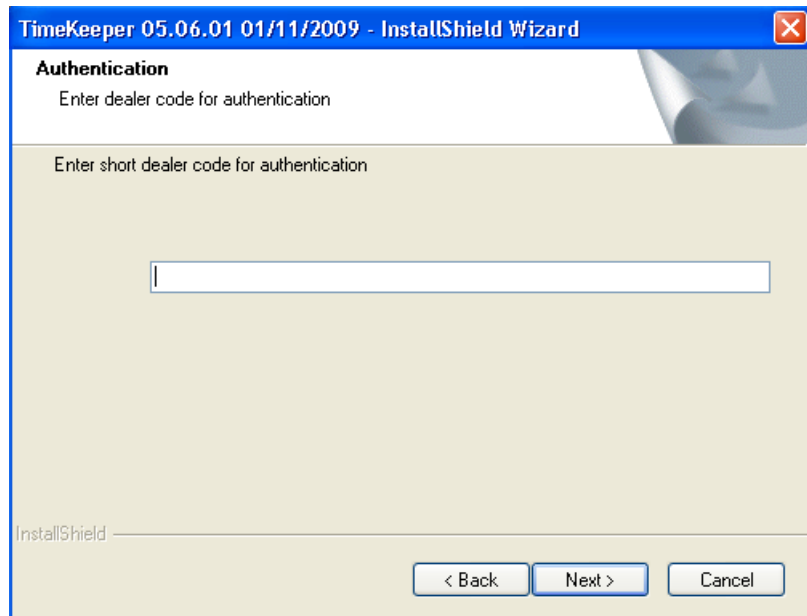


When the setup is ready, the **Welcome** screen opens:



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

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



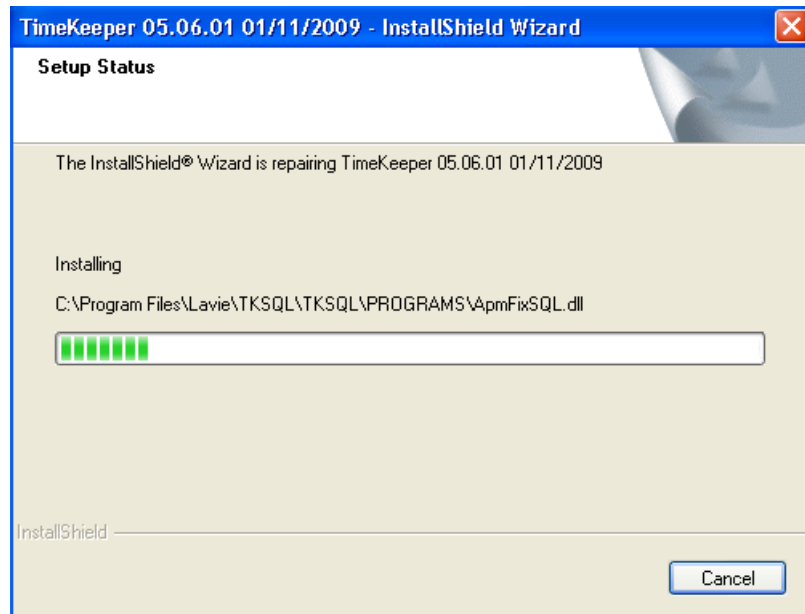
5. Enter the short HASP code.

EXAMPLE: 9727777

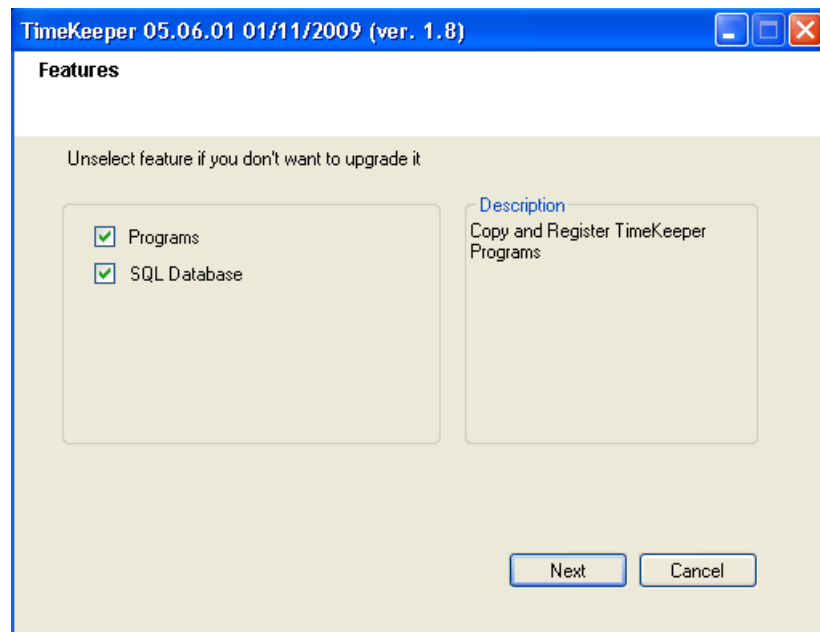
6. Click **Next**. If you have already installed the programs and the database, then when upgrading, the **Select Features** screen appears. Go to step 7. If you have only installed **programs**, then when upgrading the **Select Features** screen does not appear. Go to step 10. If you have only installed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

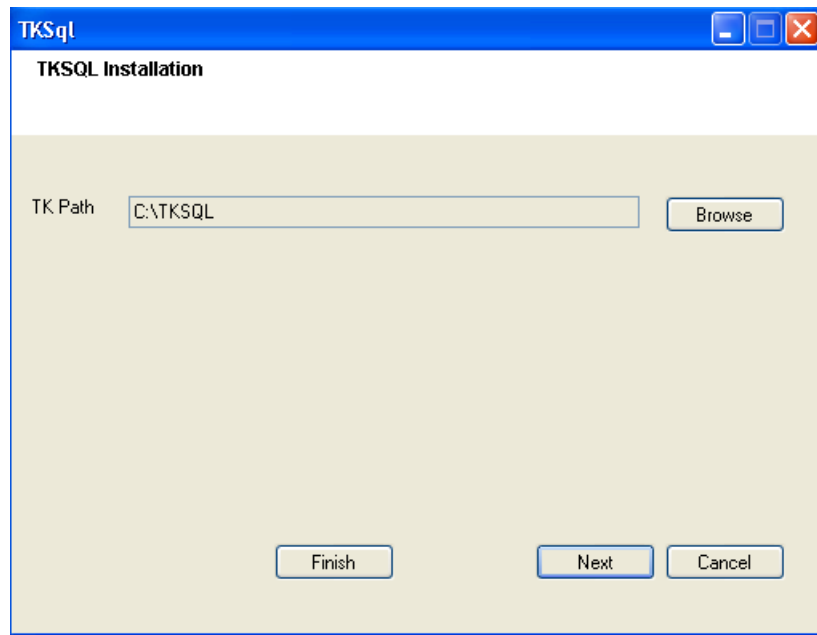


When the preparation ends, the feature selection screen appears:



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:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)

SQL Server Installation and TKSQL.ini configuration

SQL Server Name: RACHEL\SQL2005

SQL Authentication: Windows Authentication

SQL User Name:

SQL Password:

Database: EXLIBRIS

Finish Back Next Cancel

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

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)

Database template

☒ Database template does NOT exist

SQL Server Name: TALPIOT-05

SQL Authentication: SQL Server Authentication

SQL User Name: sa

SQL Password:

Database: TimeKeeper_TM

Back Next Cancel

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:

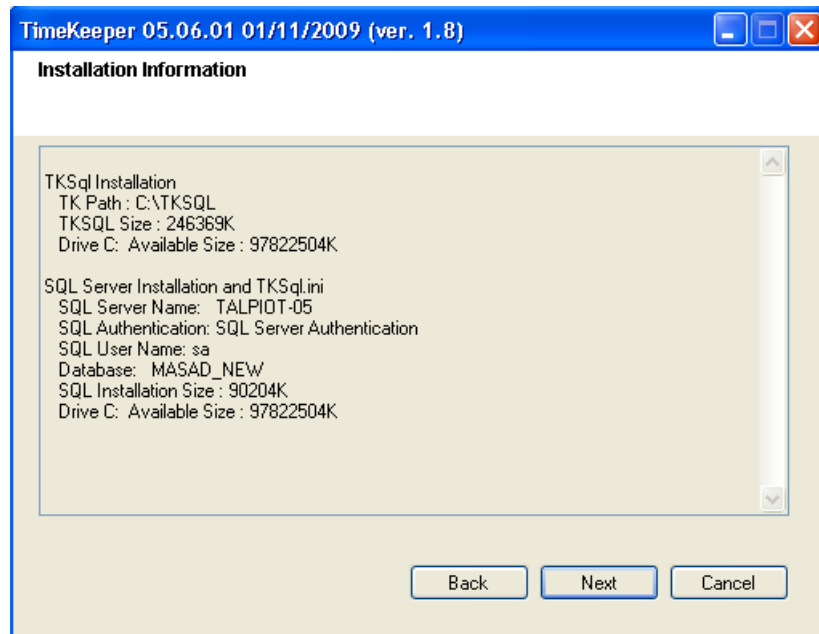
SQL Server Name—the server on which the database template is located.

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.

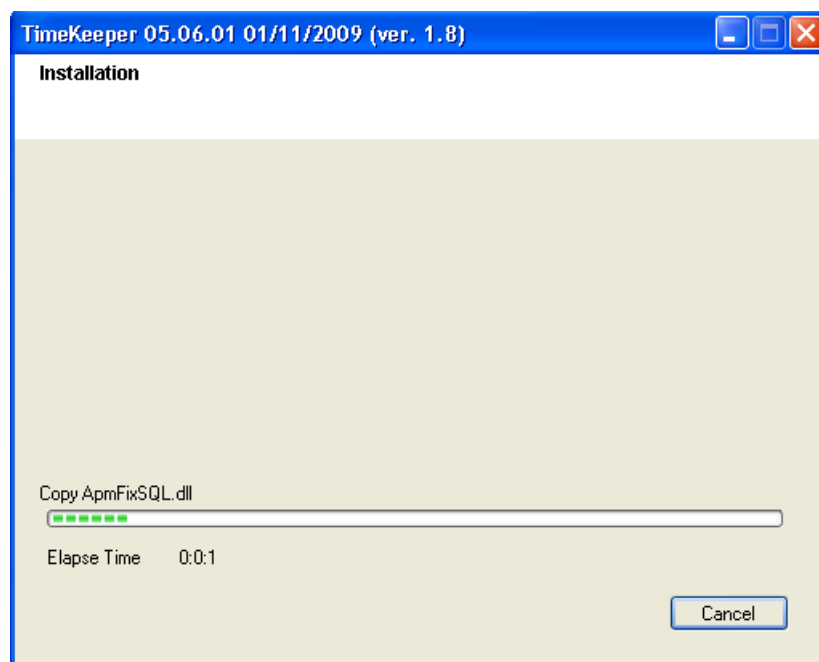
SQL Password—password used to access the SQL server.

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:

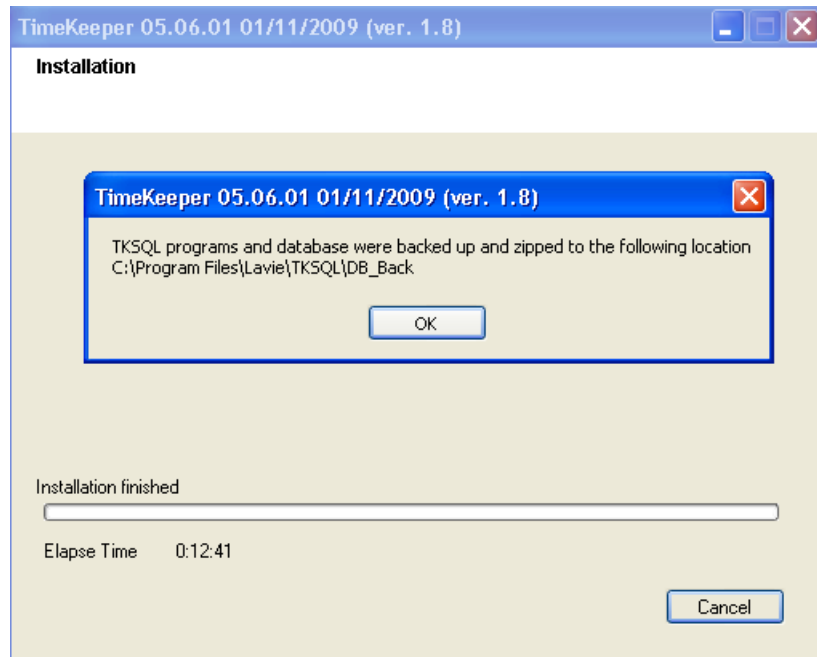


IMPORTANT! Ensure all data indicated in the Installation Information screen is accurate in order to avoid any installation errors.

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



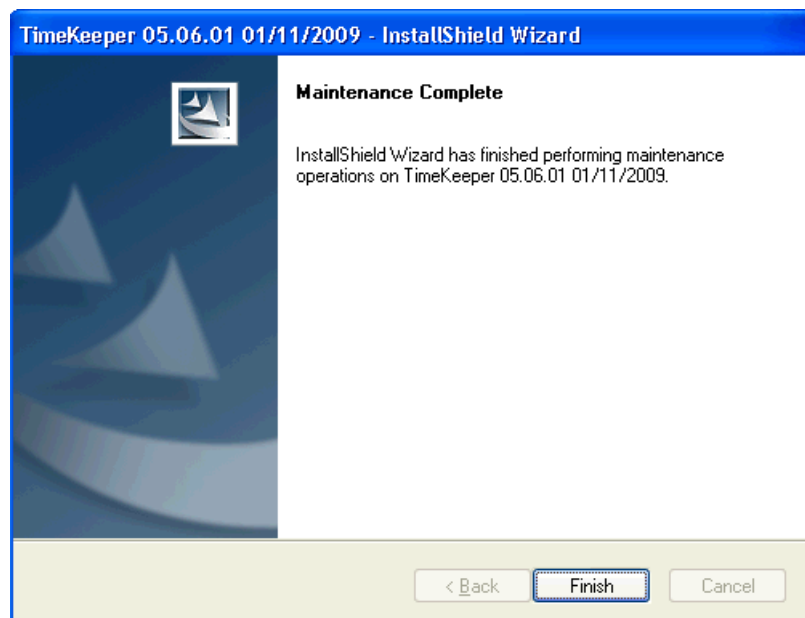
15. When the installation ends, a message appears notifying the location of the backup for the programs and/or database that was upgraded:



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 back ups. 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.

Modifying 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 modify your current version of **TimeKeeper SQL** using the **TKSQL** wizard installer, designed to enable quick and easy installation and upgrade processes:

If you have only installed one feature, i.e. either programs or a database, but not both, and you would like to now install the second of the two features for the first time then select **Modify** and follow the instructions in this chapter.

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

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.

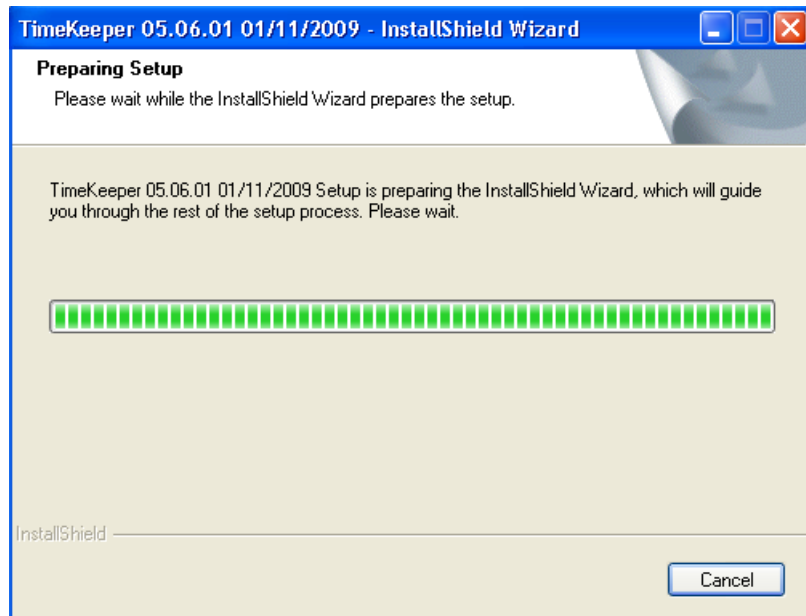
The **TimeKeeper** installation application file is available on the installation disk, and can also be downloaded from the **Lavie TimeTech** website.



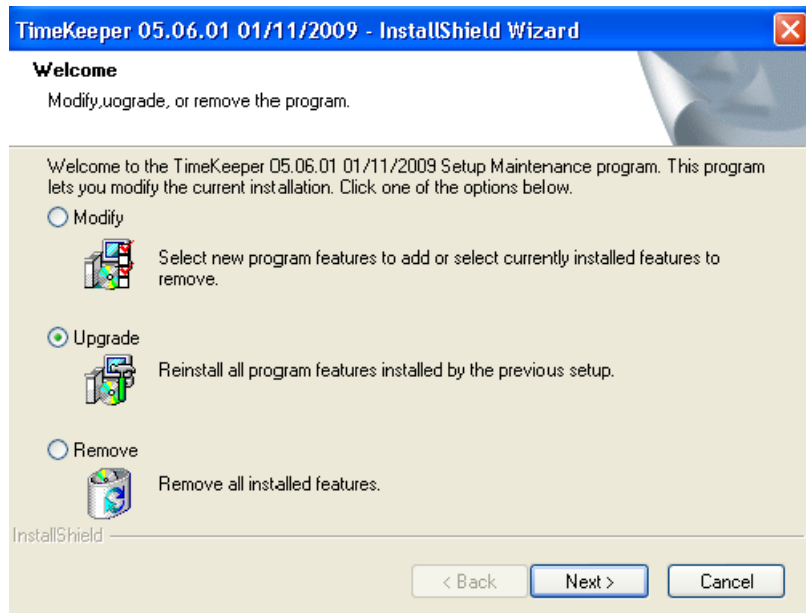
To modify using the wizard:

1. Double-click the **TimeKeeper** installation application file.

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



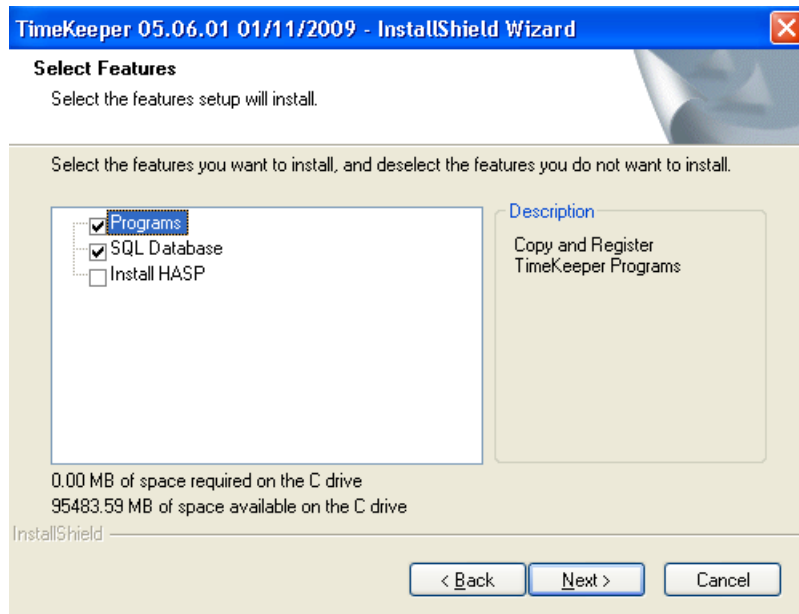
When the setup is ready, the **Welcome** screen opens:



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

2. Select **Modify**.
3. Click **Next**.

The feature selection screen appears:



4. Select the features to be installed by checkmarking them.

Remove the checkmark to remove the specific feature from the system.

Leave the checkmark next to already installed features in order to leave them as is.

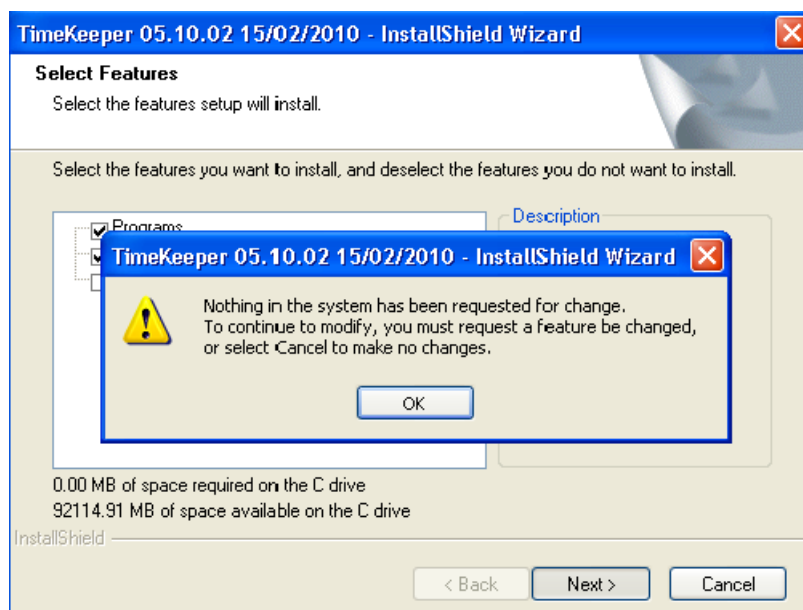
To view a description of the action to be taken for a feature, click on the text to view the **Description** on the right of the screen.

The SQL Database and **HASP** cannot be removed.

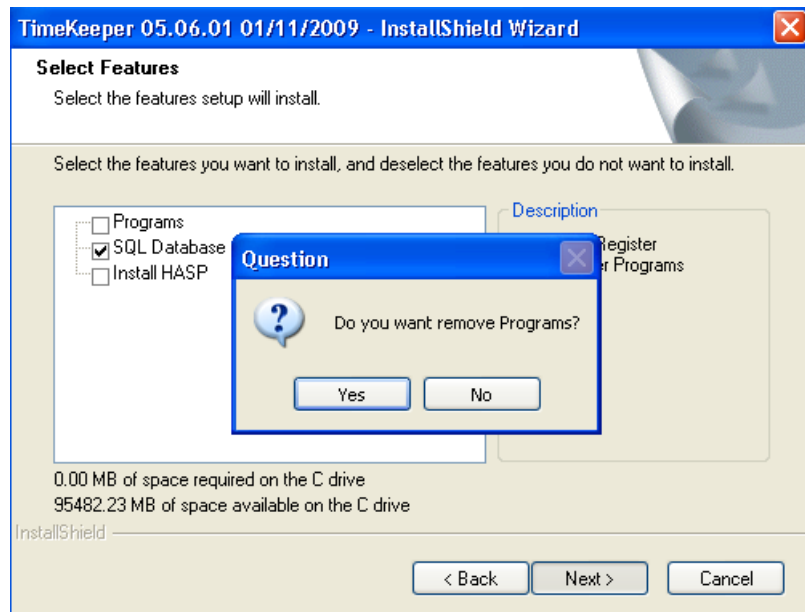
HASP cannot be installed from the **Modify** process.

5. Click **Next**. If you opted to remove **Programs**, go to step 6. of this procedure. If you opted to install **Programs**, go to step 7.

If no changes are made to the currently installed system, the following message appears:



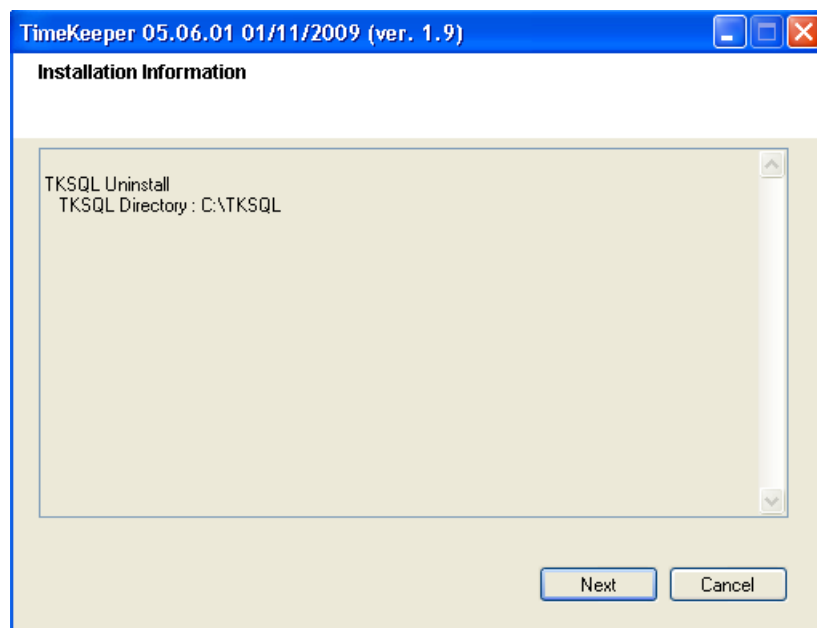
6. If you chose to remove **Programs** (removed the checkmark) and leave the database:
- a. If you removed the checkmark from **Programs**, meaning all programs should be removed from the system, the following message appears:



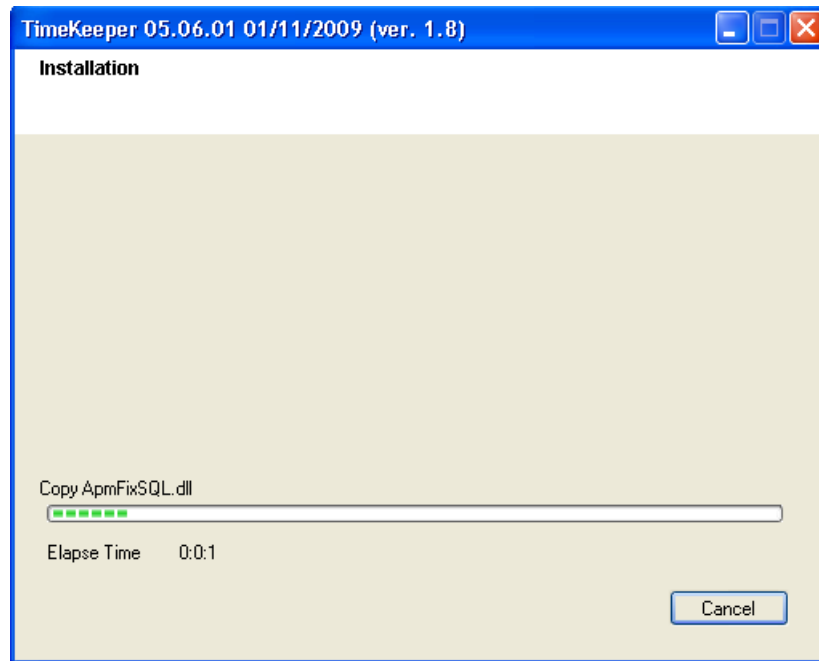
- b. To remove the programs, click **Yes**.

NOTE: To return to the **Select Features** screen click **No**.

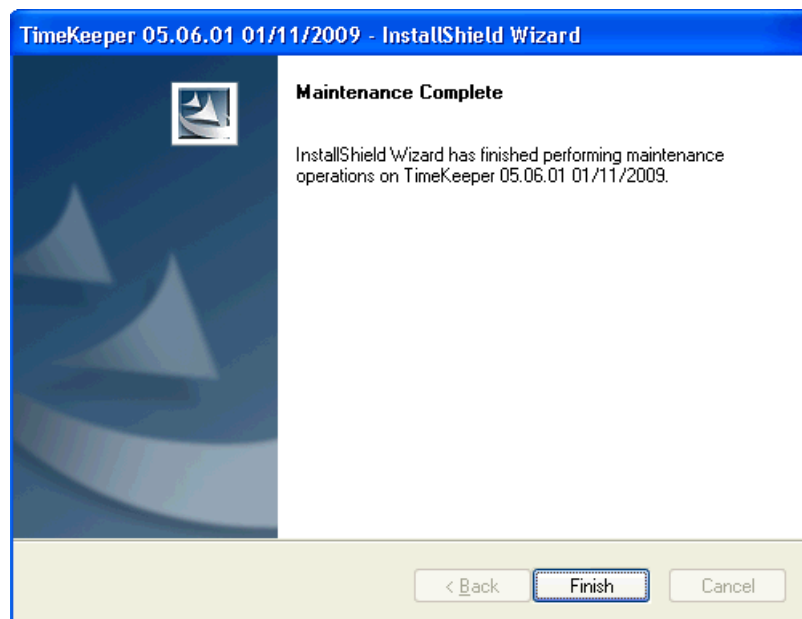
- c. InstallShield loads the information and displays the following **Installation Information** screen, indicating the items to be installed and/or uninstalled:



- d. Click **Next** to perform the installation and uninstallation. The process begins:



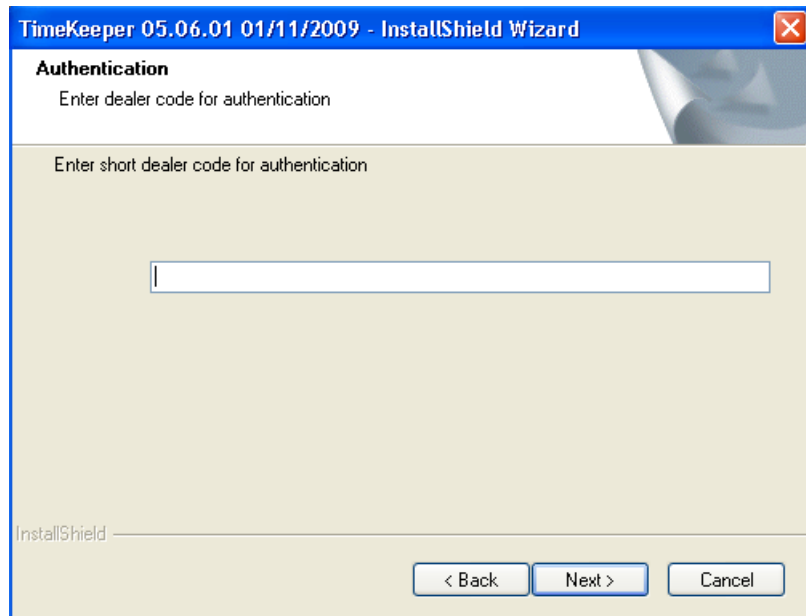
- e. When the process ends, the **Maintenance Complete** screen appears:



- f. Click **Finish** to end the process.

7. If you selected to install **Programs** and leave the database:

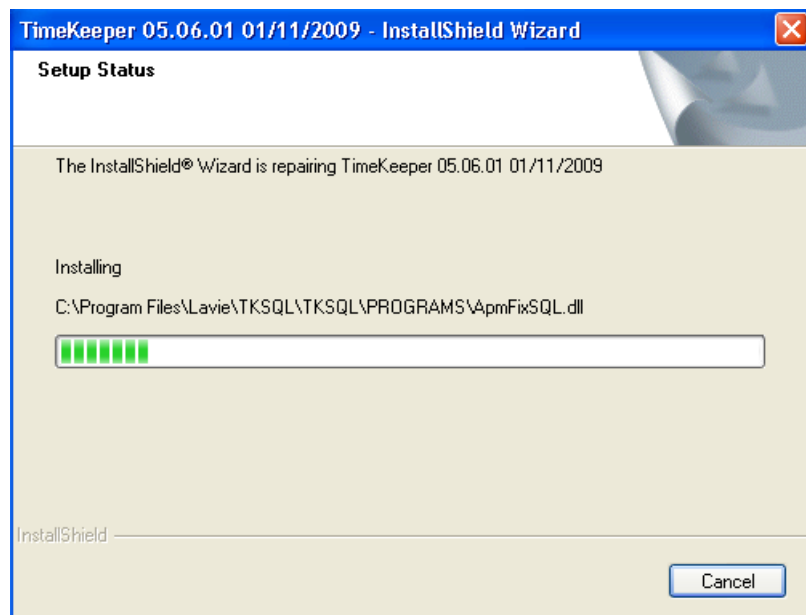
- a. The **Short Code** screen appears:



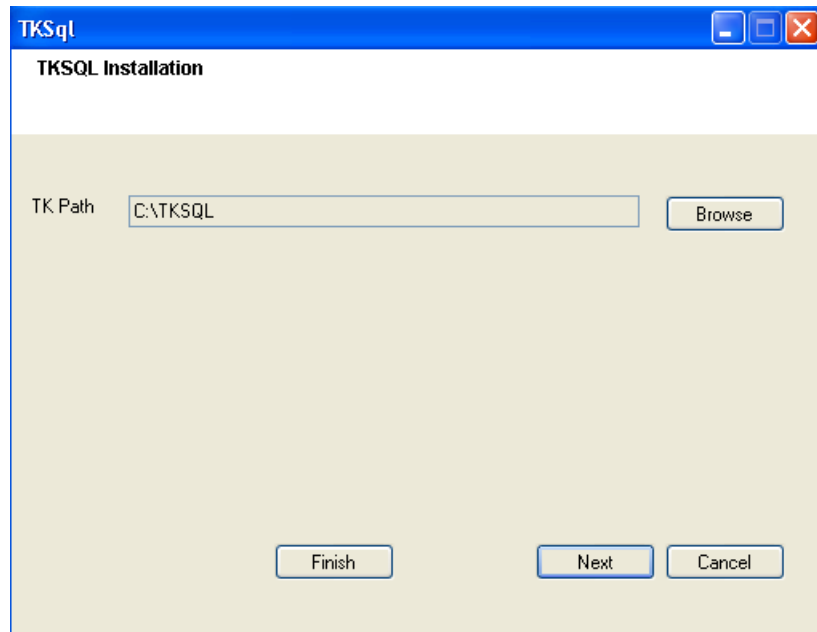
- b. Enter the short HASP code.

EXAMPLE: 9727777

- c. Click **Next**. The status screen appears while **TimeKeeper** prepares for upgrade:



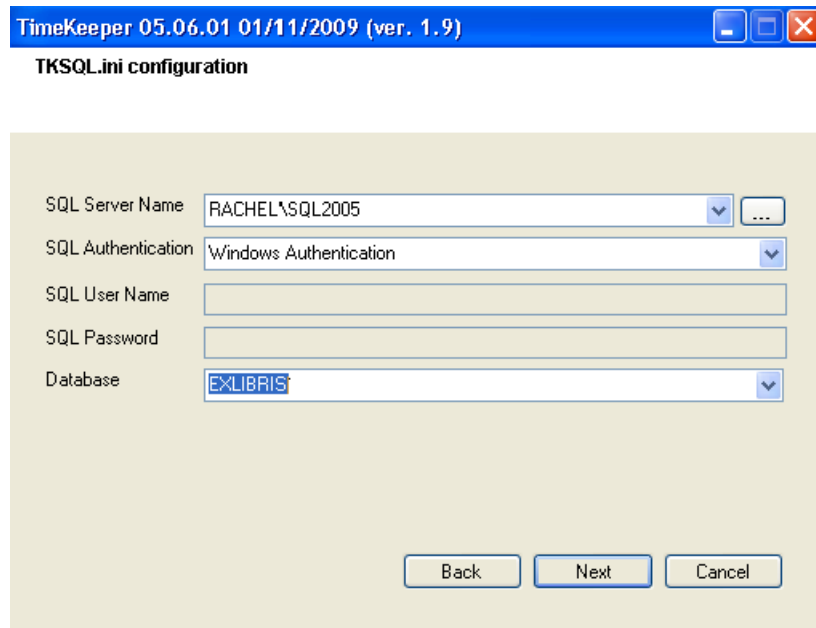
The **TK Path** screen appears:



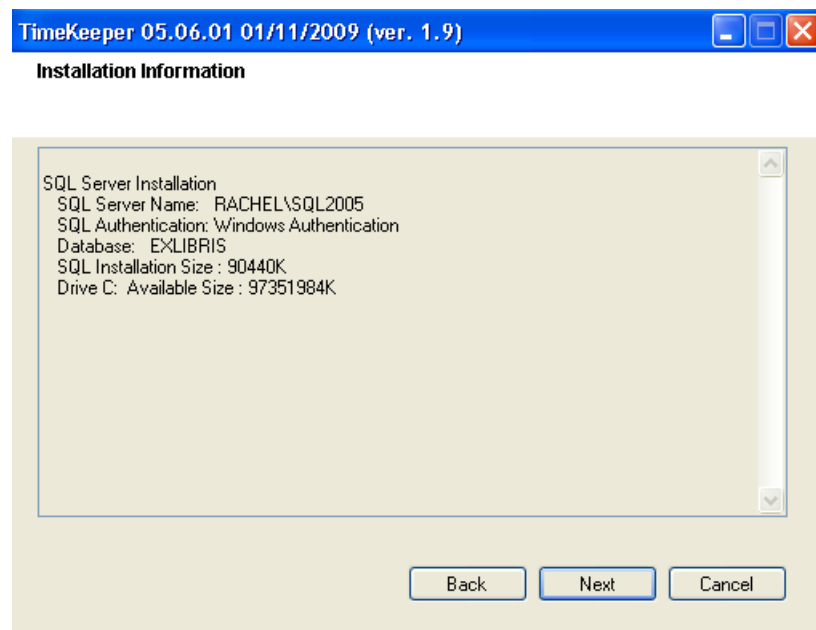
- d. Click **Browse** to browse your computer and to select the path at which the **TimeKeeper** should be installed. If the necessary folder does not exist, create it first, and then select it from the **InstallShield**.

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!

- e. Click **Next**. The **TKSQL.ini configuration** screen appears, indicating the default database for which the installation will be performed. The details are the same details that were input when the original **TimeKeeper** was installed with the wizard:

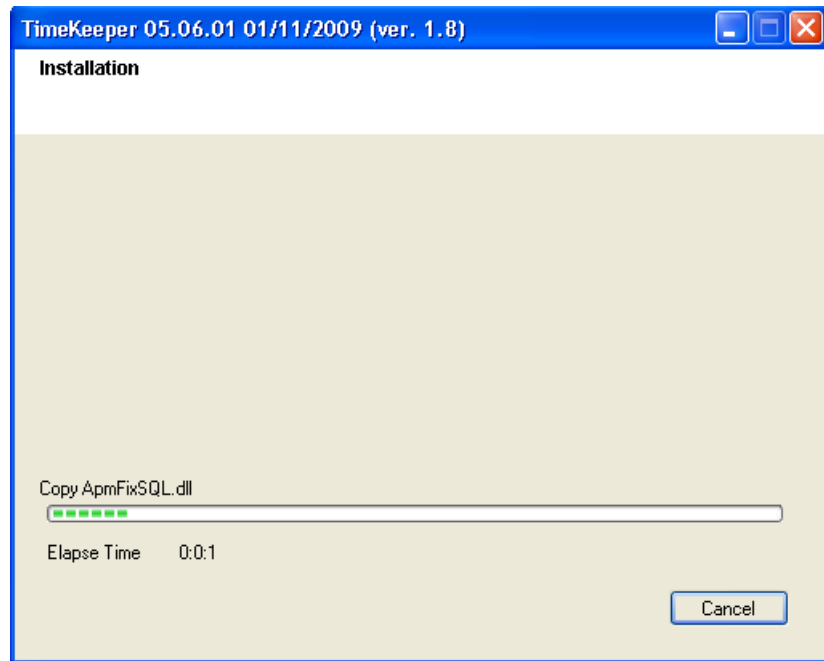


- f. Click **Next**. The **Installation Information** screen is displayed, confirming database details for the database to be installed:

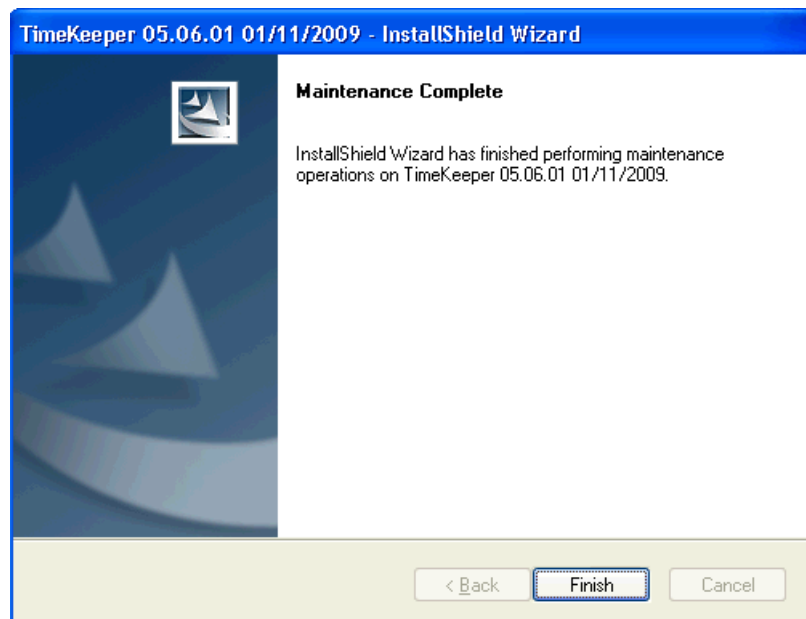


IMPORTANT! Ensure all data indicated in the Installation Information screen is accurate in order to avoid any installation errors.

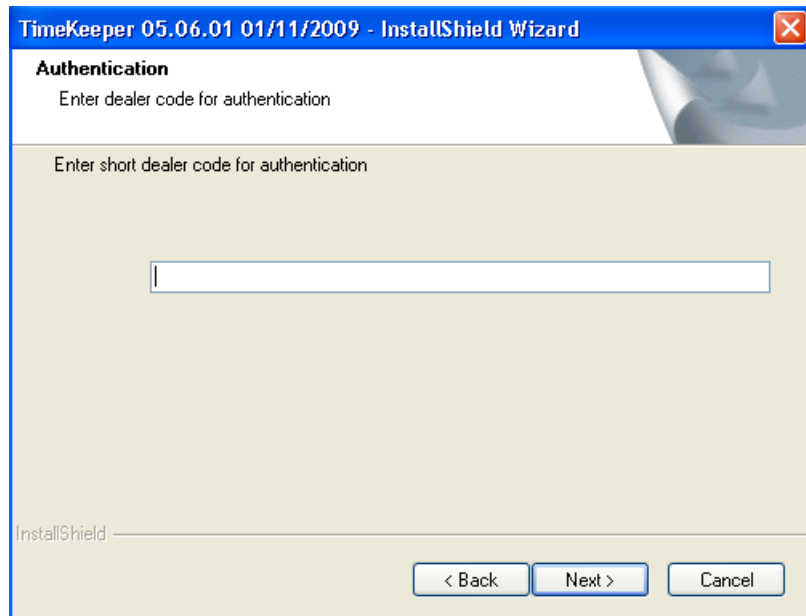
- g. Click **Next** to upgrade **TimeKeeper**. The installation begins:



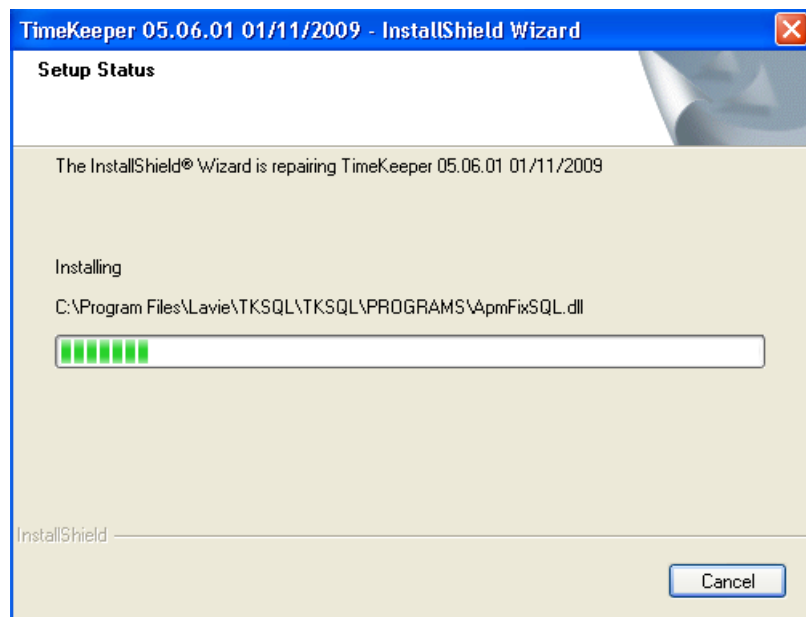
- h. Click **Finish** to end the installation.
- i. When the process ends, the **Maintenance Complete** screen appears:



- j. Click **Finish** to end the process.
8. If you selected to leave the **Programs** and install a database:
- a. The **Short Code** screen appears:



- b. Click **Next**. The status screen appears while **TimeKeeper** prepares for upgrade:



The **Configuration** screen appears:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)

SQL Server Installation and TKSQl.ini configuration

☒ First Database Installation

SQL Server Name: TALPIOT-05

SQL Authentication: SQL Server Authentication

SQL User Name: sa

SQL Password:

Database: MASAD_NEW

DB Location: C:\Program Files\Microsoft SQL Server\MSSQL\dat

Back Next Cancel

This **Configuration** screen enables you to install the database.

c. Enter information in the **Configuration** screen as follows:

- First Database installation—check this box to if this is an entirely first time installation with no database available.

IMPORTANT! From this screen if you so select **First Database Installation** and click next, a warning message appears if this database does actually already exist. Click **OK** to overwrite the database, or click **NO** to return to the screen and remove the checkmark.

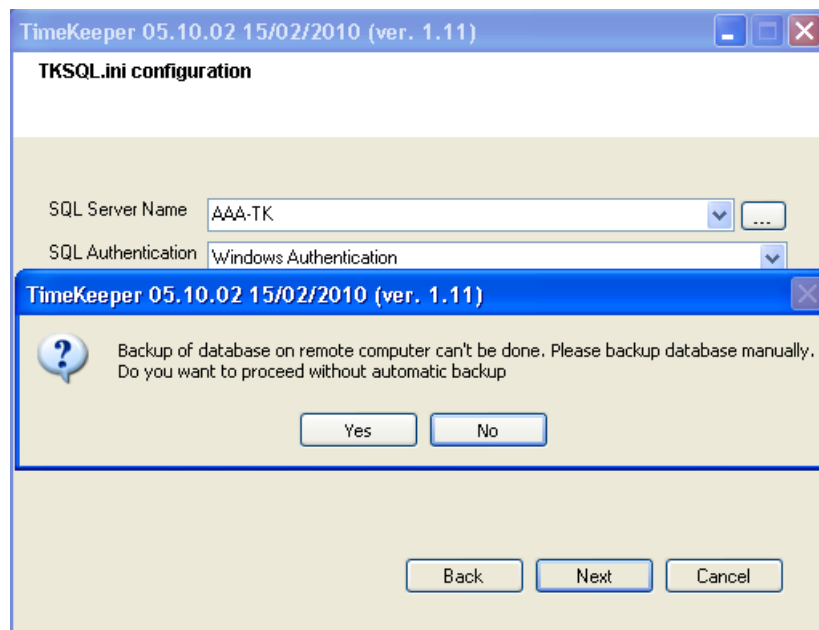
- SQL Server Name—the server on which the database is to be installed or upgraded.
- SQL Authentication—the authentication method used when accessing SQL:SQL Server Authentication, requires user name and password or Windows Authentication, uses the PC user name and password.
- SQL User Name—user name used to access the SQL server.
- SQL Password—password used to access the SQL server.
- Database—the database to be installed or upgraded. If there is already an existing database available for the indicated SQL server, then the list of databases from which you can choose appears dynamically based on the indicated server.
- DB Location—For first-time installation only (if **First Database Installation** is not selected this field does not appear), designate the location of the files used by

the database and where the database should be created. The default location that appears is the location of the Microsoft SQL Server. The location can only be changed for first-time installation.

d. Click **Next**.

WARNING! If the installation must be performed on a remote server (not recommended), InstallShield cannot automatically back up the database. You must perform a manual back up of the database before continuing.

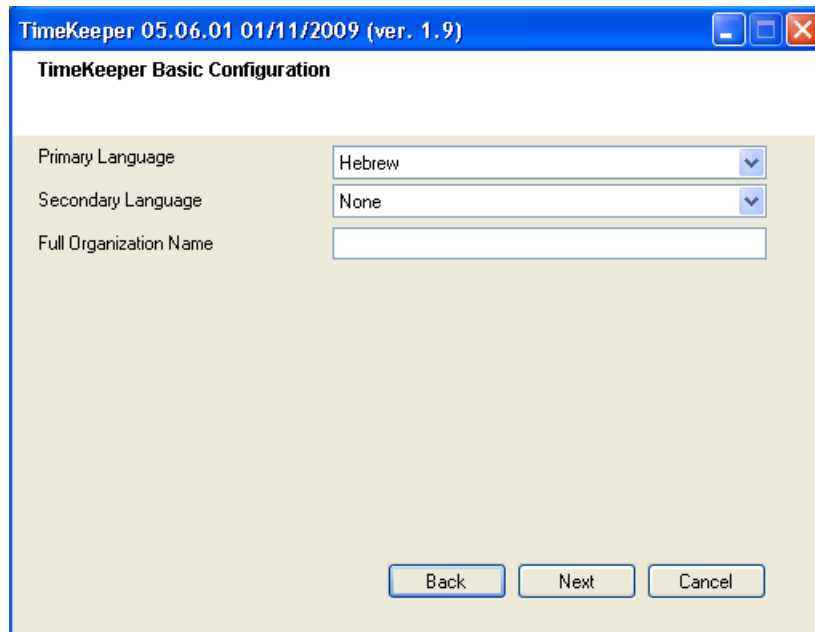
If you selected to install on a remote server, the following message appears to confirm this:



After performing the manual backup click **Yes**, or click **No** to select a different server.

If **First Database Installation** was selected, go to step e. If **First Database Installation** was not selected, go to step f.

e. If this is a first time installation ever and **First Database Installation** was selected in the previous screen, the **Basic Configuration** screen appears:



TimeKeeper 05.06.01 01/11/2009 (ver. 1.9)

TimeKeeper Basic Configuration

Primary Language: Hebrew

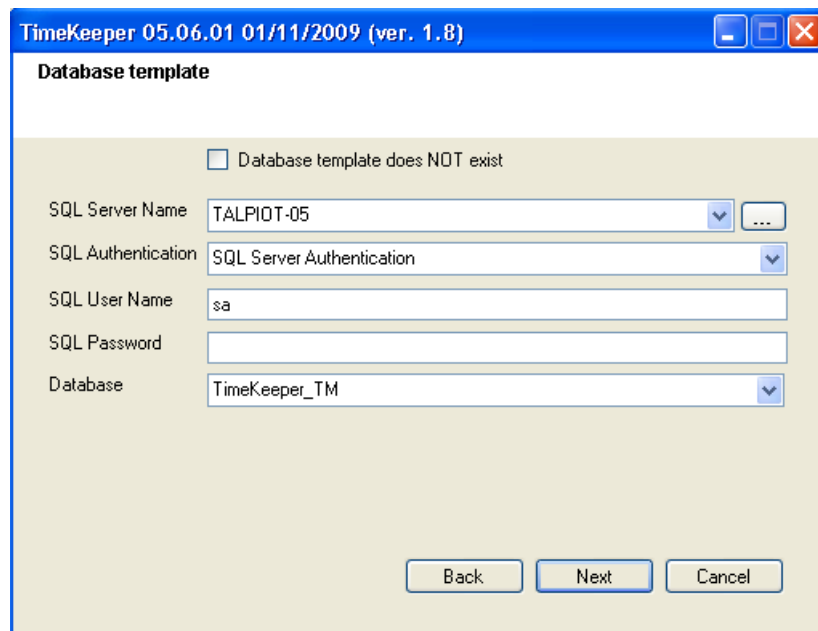
Secondary Language: None

Full Organization Name:

Back Next Cancel

Select the **Primary** and **Secondary** languages to be used from the **TimeKeeper** installation, and enter the name of the company as it is to appear from **TimeKeeper** in the **Full Organization Name** field.

- f. If **First Database Installation** is not selected, the InstallShield will upgrade the existing, selected, database by using the **CompareDB** program. The **Database Template** dialog box appears:



TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)

Database template

☐ Database template does NOT exist

SQL Server Name: TALPIOT-05

SQL Authentication: SQL Server Authentication

SQL User Name: sa

SQL Password:

Database: TimeKeeper_TM

Back Next Cancel

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 **Lavie** database

as follows:

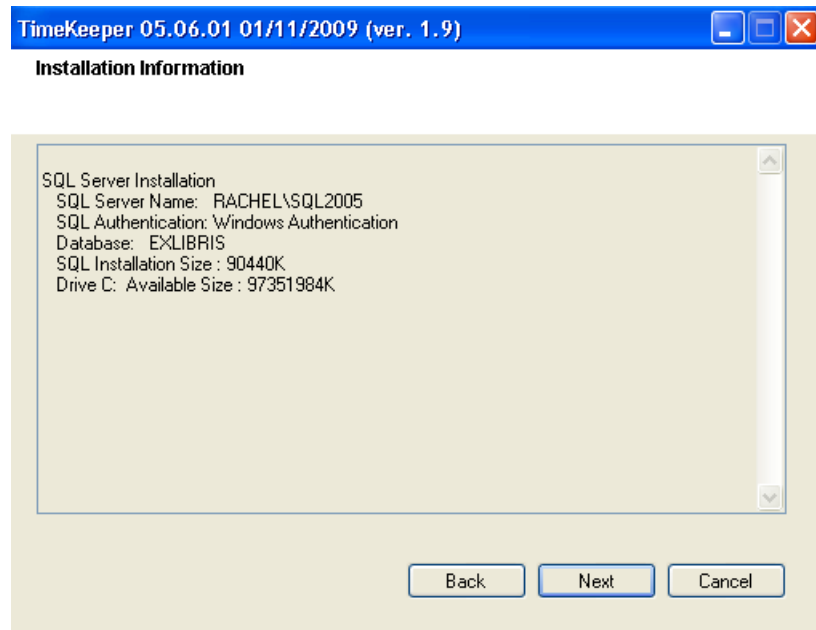
NOTE: This is the preferred and default process. Only use the second option if the customer does not permit access to their databases.

- The wizard creates a database template by restoring an existing Lavie database.
- The wizard upgrades the customer database based on the template that was created through the **CompareDB** program.
- There is no need to complete additional information on this screen. Optionally:
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:

NOTE: This process is only to be used if the customer does not permit access to their databases.

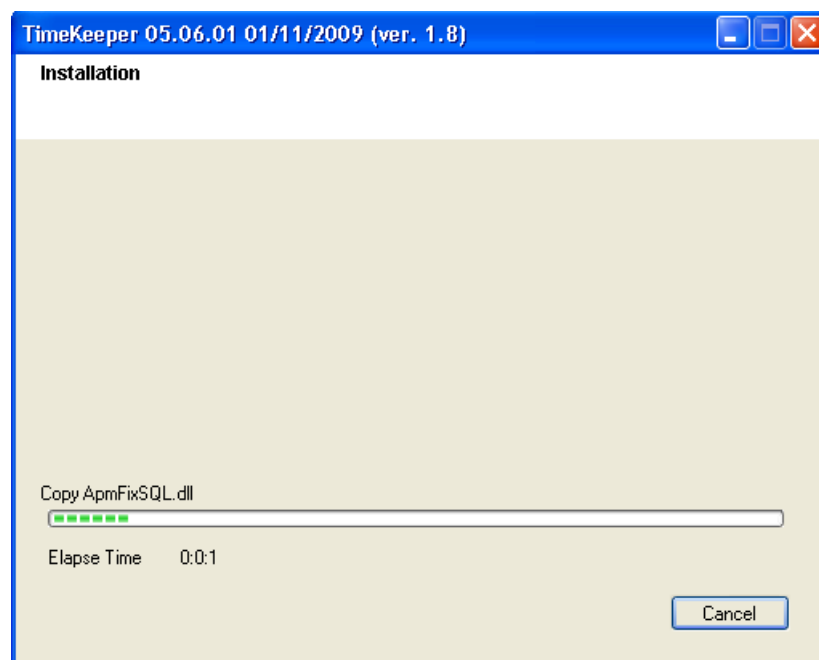
- The customer creates a database template by restoring an existing database in advance, **manually**.
- The wizard requests information about the server location and authentication of the database template: the user of the install wizard should supply:
SQL Server Name—the server on which the database 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.
- The wizard upgrades the customer database based on the template that was created through the **CompareDB** program.

g. Click **Next**. The **Installation Information** screen is displayed, confirming database details for the database to be installed:

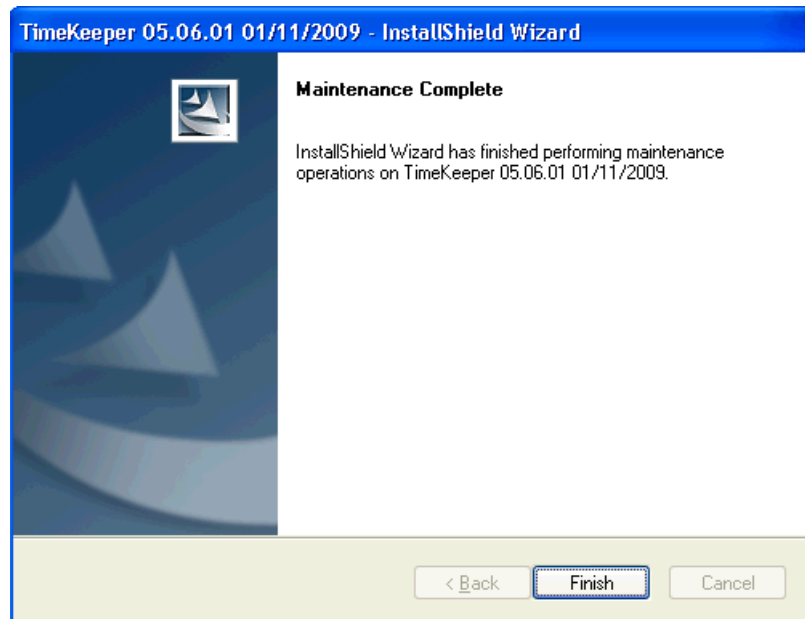


IMPORTANT! Ensure all data indicated in the Installation Information screen is accurate in order to avoid any installation errors.

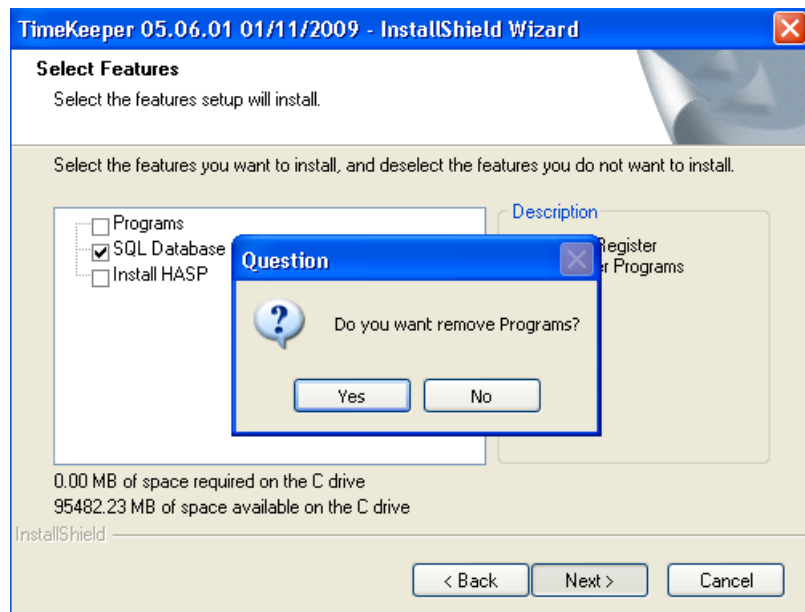
- h. Click **Next** to upgrade **TimeKeeper**. The installation begins:



- i. Click **Finish** to end the installation.
- j. When the process ends, the **Maintenance Complete** screen appears:

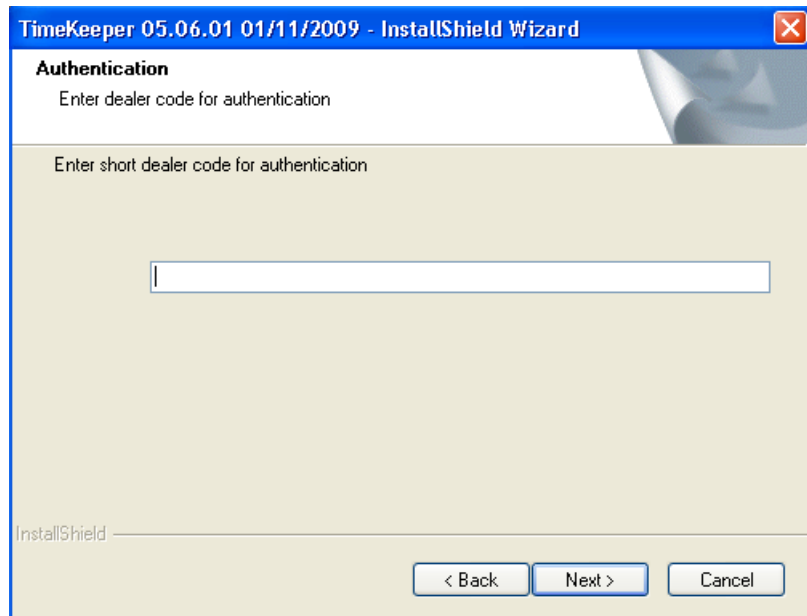


- k. Click **Finish** to end the process.
9. If you selected to remove the **Programs** and also install a database:
- a. The following warning appears:

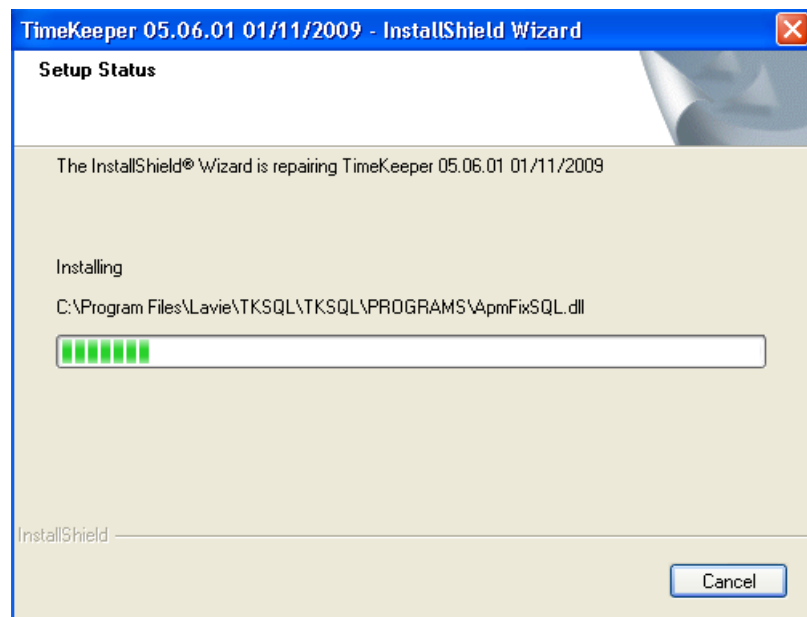


- b. Click **Yes** to remove all program features.

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



- c. Click **Next**. The status screen appears while **TimeKeeper** prepares for upgrade:



The **Configuration** screen appears:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)

SQL Server Installation and TKSQl.ini configuration

☒ First Database Installation

SQL Server Name: TALPIOT-05

SQL Authentication: SQL Server Authentication

SQL User Name: sa

SQL Password:

Database: MASAD_NEW

DB Location: C:\Program Files\Microsoft SQL Server\MSSQL\dat

Back Next Cancel

This **Configuration** screen enables you to install the database.

d. Enter information in the **Configuration** screen as follows:

- First Database installation—check this box to if this is an entirely first time installation with no database available.

IMPORTANT! From this screen if you so select **First Database Installation** and click next, a warning message appears if this database does actually already exist. Click **OK** to overwrite the database, or click **NO** to return to the screen and remove the checkmark.

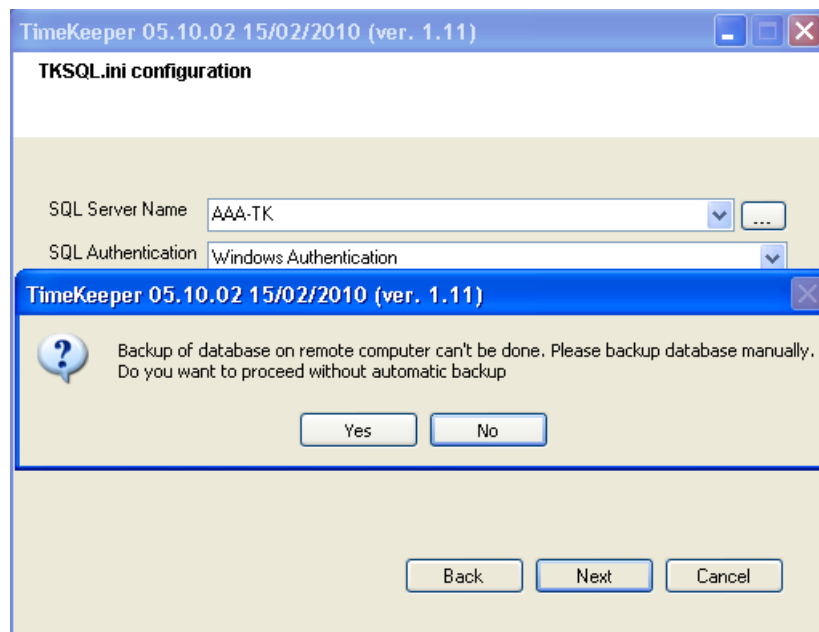
- SQL Server Name—the server on which the database is to be installed or upgraded.
- SQL Authentication—the authentication method used when accessing SQL:SQL Server Authentication, requires user name and password or Windows Authentication, uses the PC user name and password.
- SQL User Name—user name used to access the SQL server.
- SQL Password—password used to access the SQL server.
- Database—the database to be installed or upgraded. If there is already an existing database available for the indicated SQL server, then the list of databases from which you can choose appears dynamically based on the indicated server.
- DB Location—For first-time installation only (if **First Database Installation** is not selected this field does not appear), designate the location of the files used

by the database and where the database should be created. The default location that appears is the location of the Microsoft SQL Server. The location can only be changed for first-time installation.

e. Click **Next**.

WARNING! If the installation must be performed on a remote server (not recommended), InstallShield cannot automatically back up the database. You must perform a manual back up of the database before continuing.

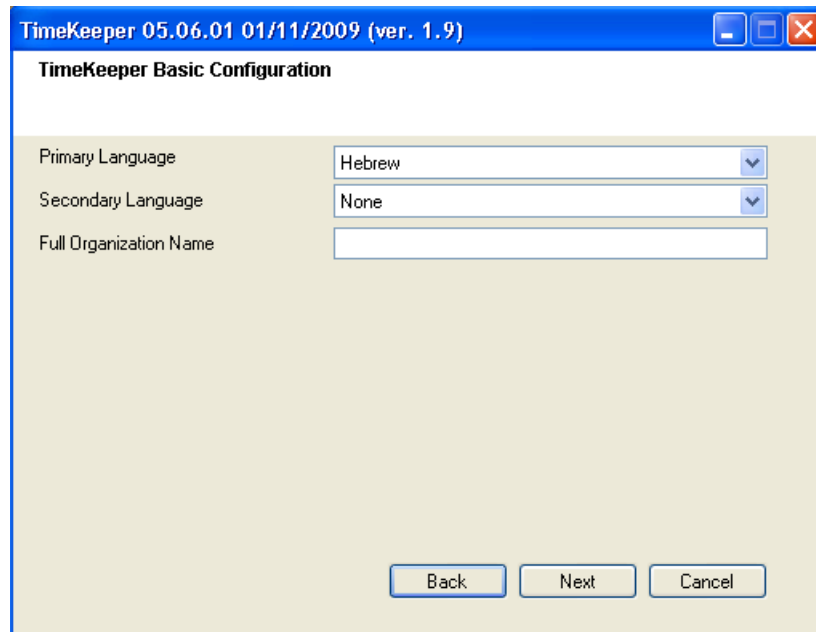
If you selected to install on a remote server, the following message appears to confirm this:



After performing the manual backup click **Yes**, or click **No** to select a different server.

If **First Database Installation** was selected, go to step e. If **First Database Installation** was not selected, go to step f.

f. If this is a first time installation ever and **First Database Installation** was selected in the previous screen, the **Basic Configuration** screen appears:



TimeKeeper 05.06.01 01/11/2009 (ver. 1.9)

TimeKeeper Basic Configuration

Primary Language: Hebrew

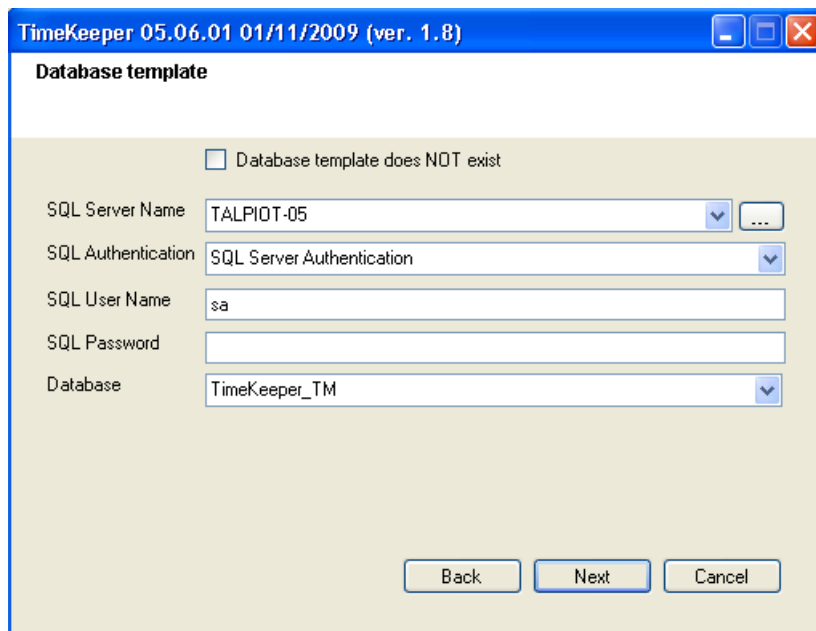
Secondary Language: None

Full Organization Name:

Back Next Cancel

Select the **Primary** and **Secondary** languages to be used from the **TimeKeeper** installation, and enter the name of the company as it is to appear from **TimeKeeper** in the **Full Organization Name** field.

- g. If **First Database Installation** is not selected, the InstallShield will upgrade the existing, selected, database by using the **CompareDB** program. The **Database Template** dialog box appears:



TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)

Database template

☐ Database template does NOT exist

SQL Server Name: TALPIOT-05

SQL Authentication: SQL Server Authentication

SQL User Name: sa

SQL Password:

Database: TimeKeeper_TM

Back Next Cancel

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 **Lavie**

database as follows:

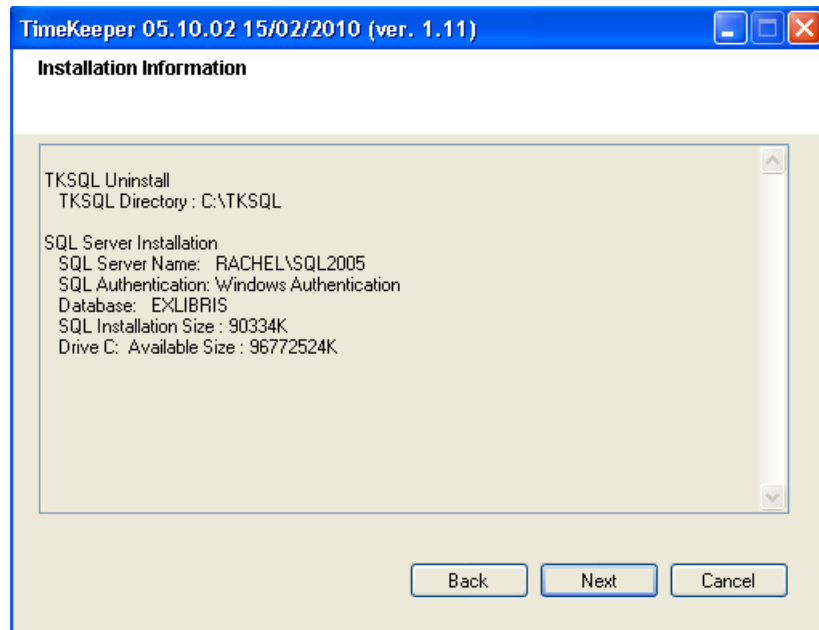
NOTE: This is the preferred and default process. Only use the second option if the customer does not permit access to their databases.

- The wizard creates a database template by restoring an existing Lavie database.
- The wizard upgrades the customer database based on the template that was created through the **CompareDB** program.
- There is no need to complete additional information on this screen. Optionally:
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:

NOTE: This process is only to be used if the customer does not permit access to their databases.

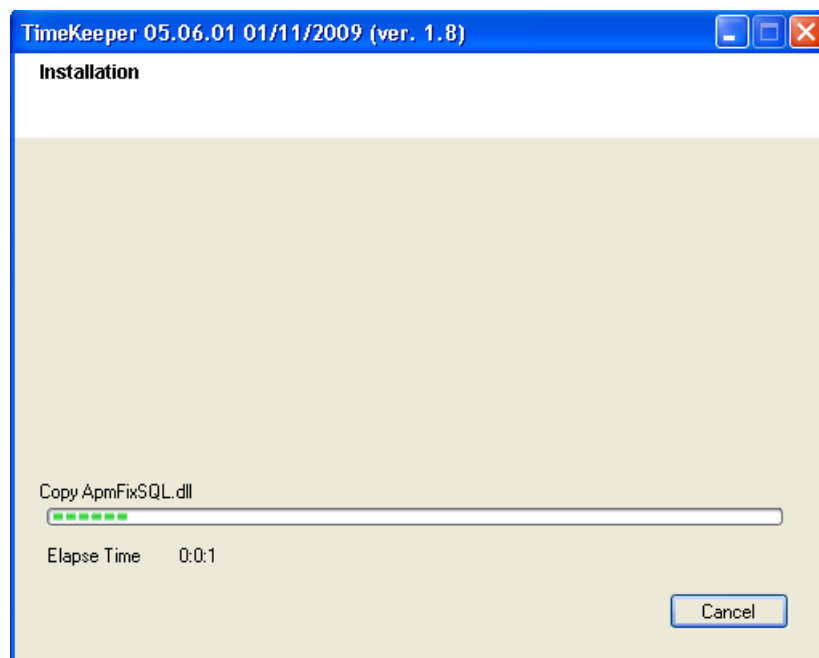
- The customer creates a database template by restoring an existing database in advance, **manually**.
- The wizard requests information about the server location and authentication of the database template: the user of the install wizard should supply:
SQL Server Name—the server on which the database 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.
- The wizard upgrades the customer database based on the template that was created through the **CompareDB** program.

h. Click **Next**. The **Installation Information** screen is displayed, confirming database details for the database to be installed:

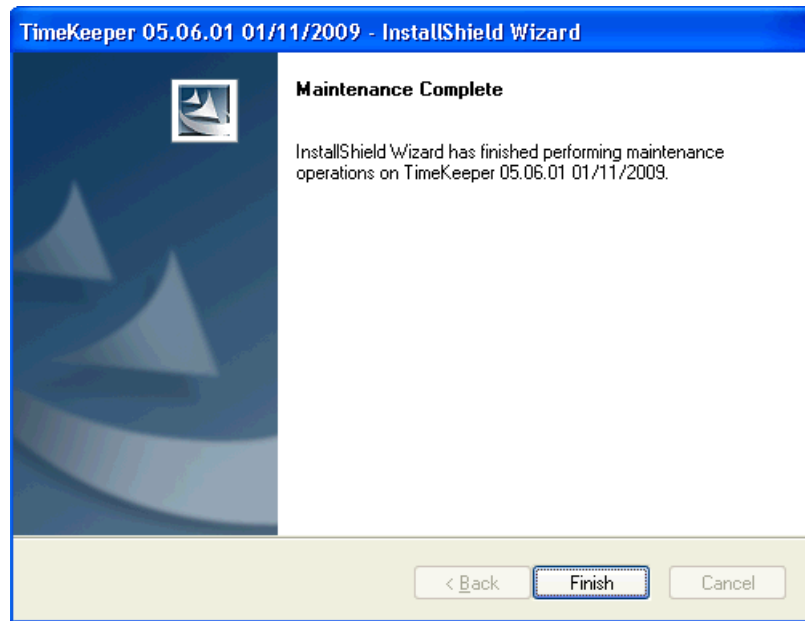


IMPORTANT! Ensure all data indicated in the Installation Information screen is accurate in order to avoid any installation errors.

- i. Click **Next** to upgrade **TimeKeeper**. The installation and uninstallation begin:



- j. Click **Finish** to end the installation.
- k. When the process ends, the **Maintenance Complete** screen appears:



- I. Click **Finish** to end the process.

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.

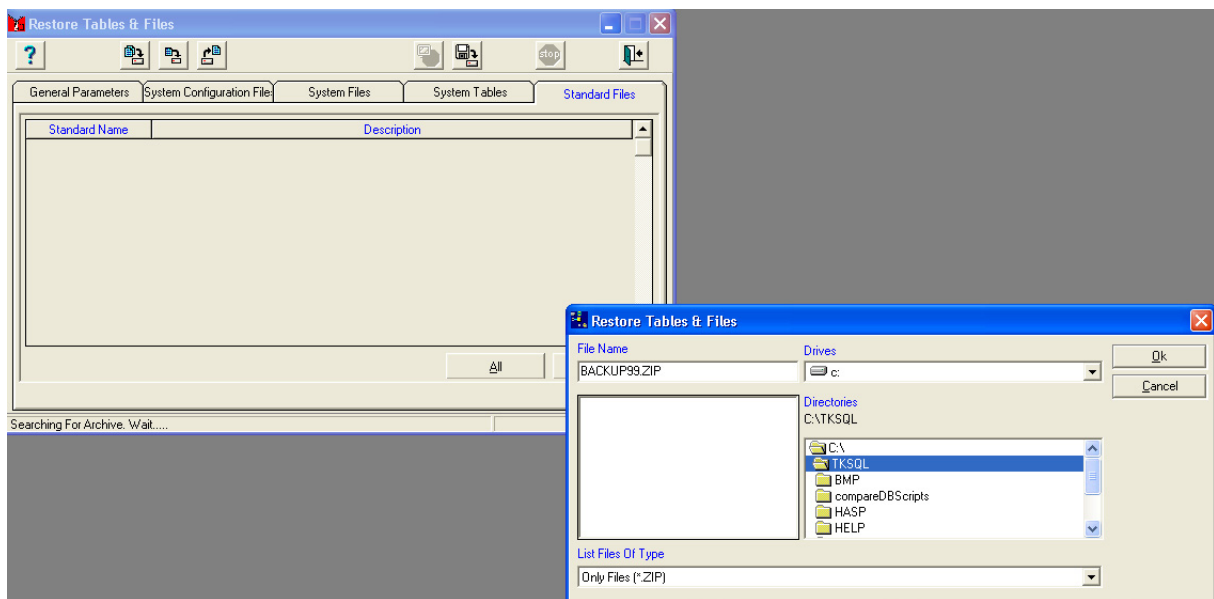


To install a special program:

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**.

Removing TimeKeeper SQL Server Installation

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

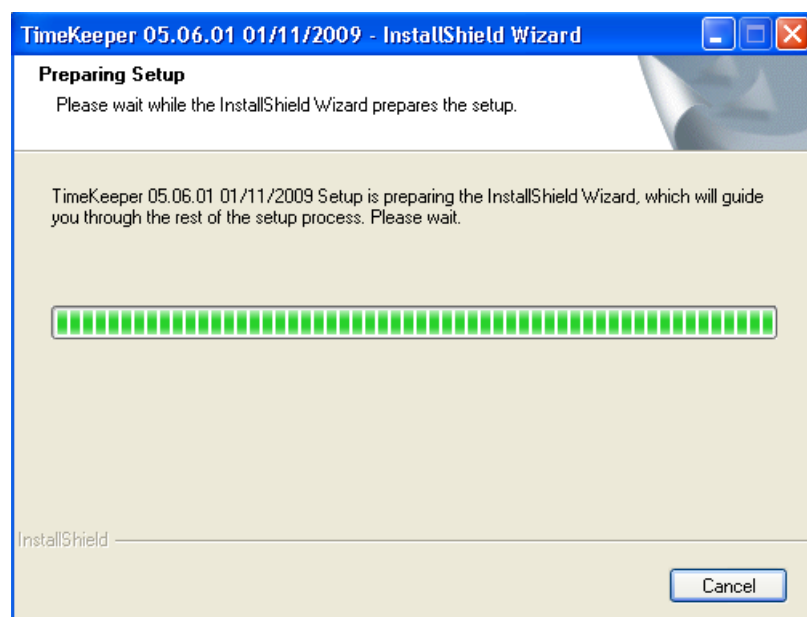
WARNING! When uninstalling the product, all files in that folder in which the product was installed will be deleted, including any files that are not part of the product! If the product was installed in the root folder of a drive, all files on that drive will be deleted when uninstalling the product!



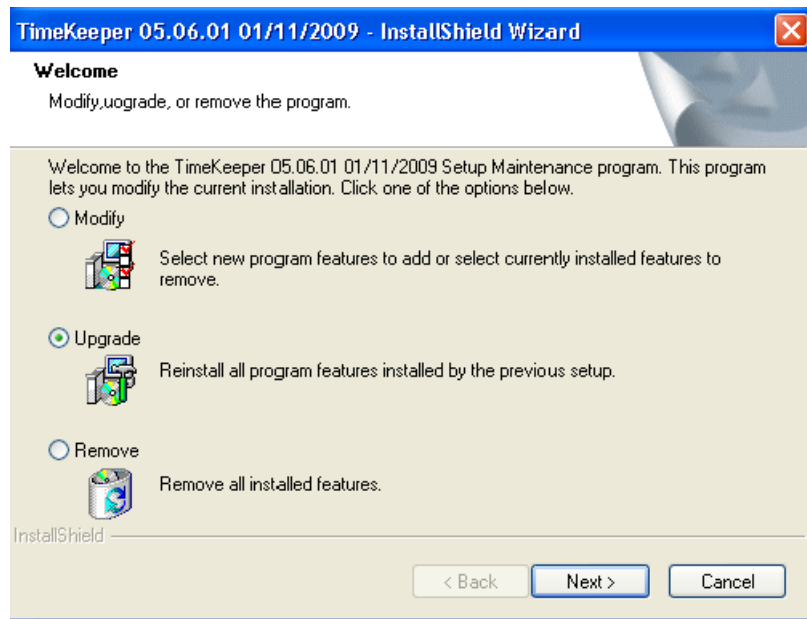
To uninstall **TimeKeeper**:

1. Double-click the **TimeKeeper** installation application file.

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

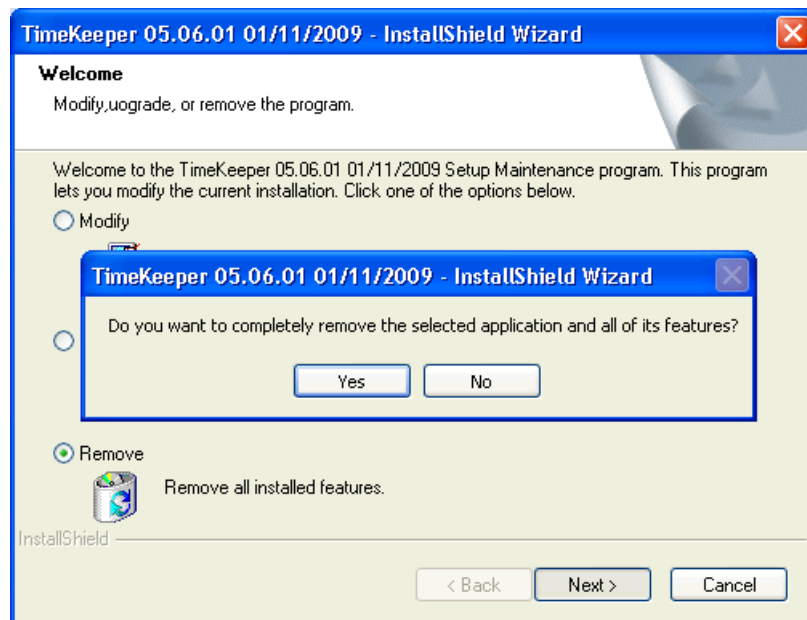


When the setup is ready, the **Welcome** screen opens:

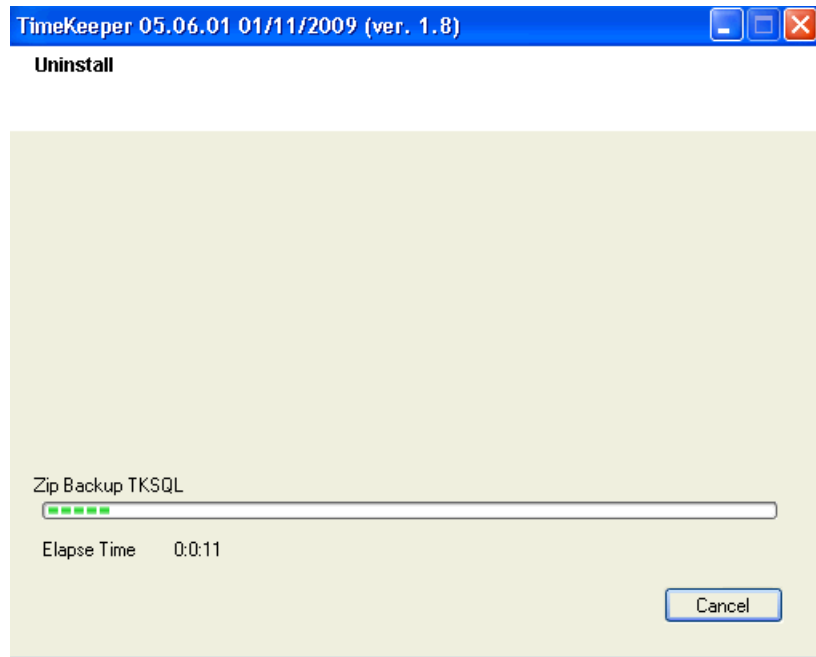


Note the default is set to **Upgrade**.

2. Select the **Remove** option.
3. Click **Next**. The validation screen appears, to ensure you want to remove the installation:

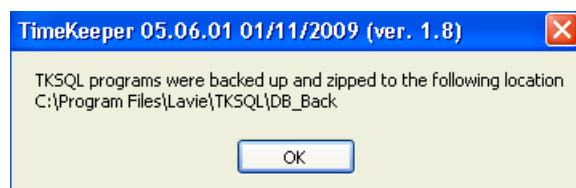


4. Click **Yes** to remove the installation. The **Uninstall** status screen appears while the wizard removes the **TimeKeeper** installation and backs up all related files, programs and databases:

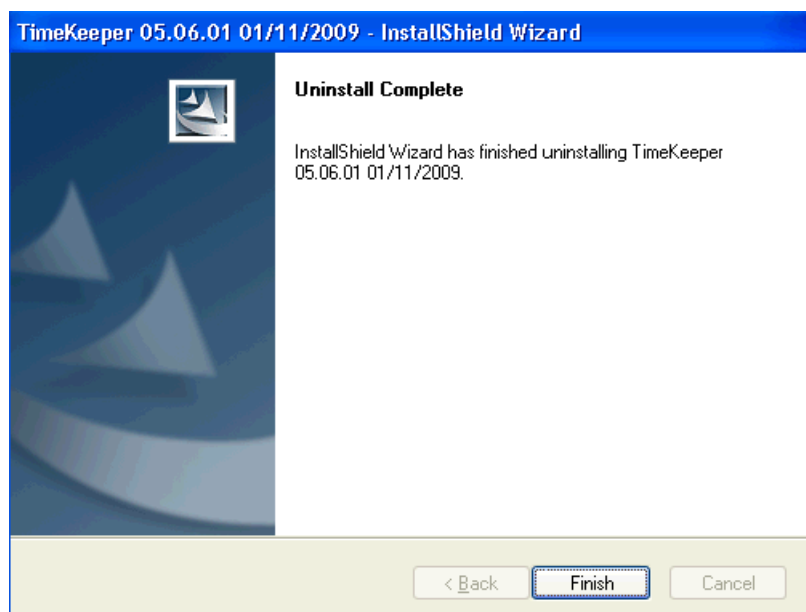


The files and databases are backed up during removal in order to enable quick roll backs and easy new installations.

When the back up is complete the following notification appears with the location of the backed up files:



5. Click **OK**. The **Uninstall Complete** screen appears.



6. Click **Finish** to end the process.

Part 2

Windows 7 Hot Fix Installation

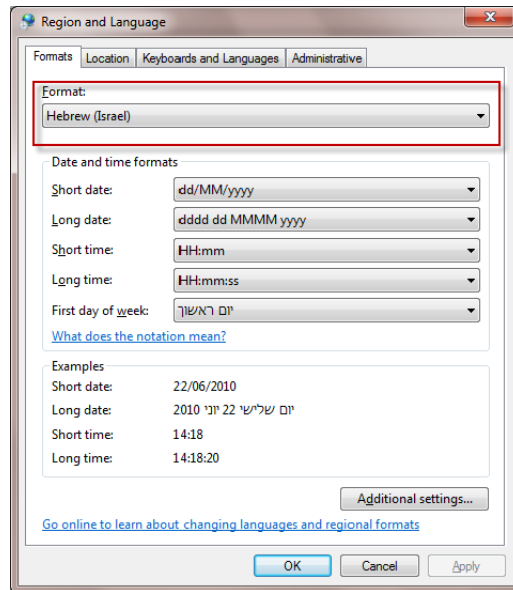
Windows 7 & 2008 R2 Hotfix Installation for Hebrew Support

If you are working in Hebrew from a **Windows 7** or a **Windows 2008 R2** system, then the **Microsoft** hotfix must be installed in order to support the **TimeKeeper** GUI. From **Windows 7** the hot fix should be run on the client workstations. From or a **Windows 2008 R2**, the hot fix should be run on the server.



To install the hotfix:

1. Run the hotfix to support Hebrew:
 - a. Download the Windows6.1-KB979643-x64.msu:
<http://support.microsoft.com/hotfix/KBHotfix.aspx?kbnum=979643&kbln=en-us>
 - b. Run the file to install the hotfix.
 - c. Restart the system.
2. Define system language preferences:
 - a. From the PC select **Start=>Control Panel**.
 - b. From the **Control Panel** locate the **Language** options and go to **Regional and Language** options.
 - c. From the **Regional and Language** dialog box, ensure **Hebrew** is selected from the **Format** dropdown list:



Part 3

Client Installation

Individual Workstation Installation and Upgrade (Client-Side) 10

This chapter describes how to install and upgrade TimeKeeper SQL using the **TKSQL** wizard installer for the client-side—each individual user’s workstation from each individual workstation.

Installation and upgrades for the workstation are identical—in other words, in order to upgrade the workstation, simply perform a new installation.

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

NOTE: The InstallShield wizard is designed for workstation installations directly from each individual workstation. To install TimeKeeper on multiple workstations, see [on page 89](#).

IMPORTANT! Each time special programs are available and installed on the server or the server is upgraded at the customer site, the programs must be registered on each workstation. To register the program on each individual workstation, perform the installation with the InstallShield wizard as described in this chapter. To perform multiple installations, see [on page 89](#).

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

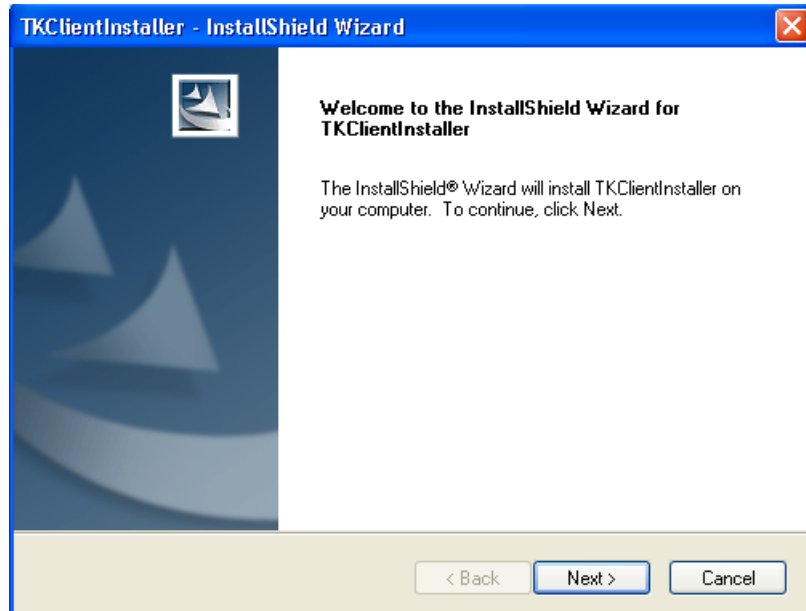


To install TimeKeeper on the workstation using the wizard:

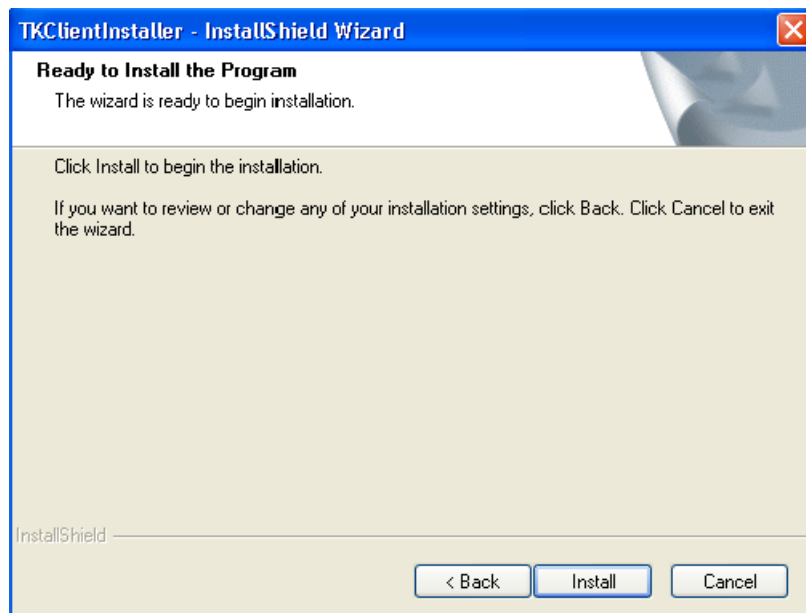
NOTE: If there are any problems with the information for installation at any stage, click **Back** to change the input details or click **Cancel** to end the installation process.

1. Insert the CD or the selected media into the server.
2. Open the media and run the **TimeKeeperClientInstaller** installation.exe file. The **InstallShield Wizard** runs automatically, usually for a range of a few seconds to a minute.

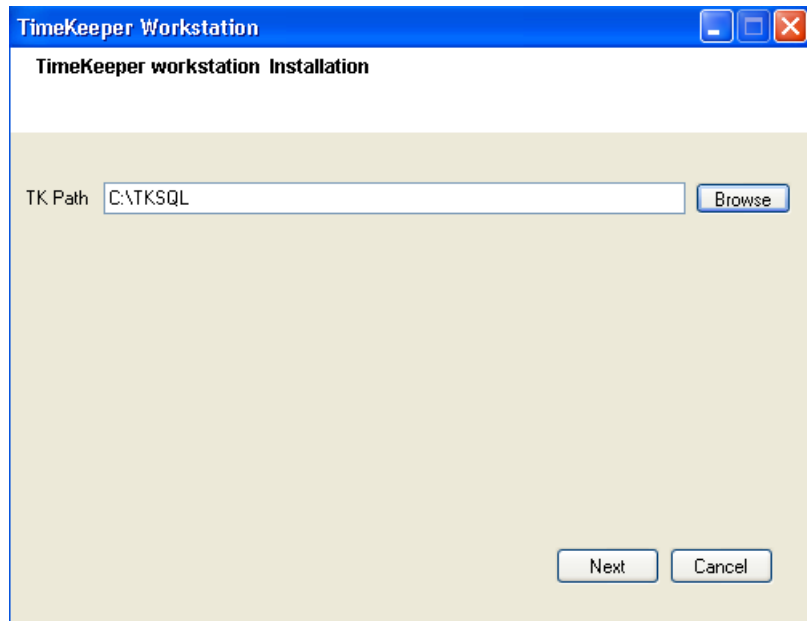
When the setup is ready, the **Welcome** screen opens:



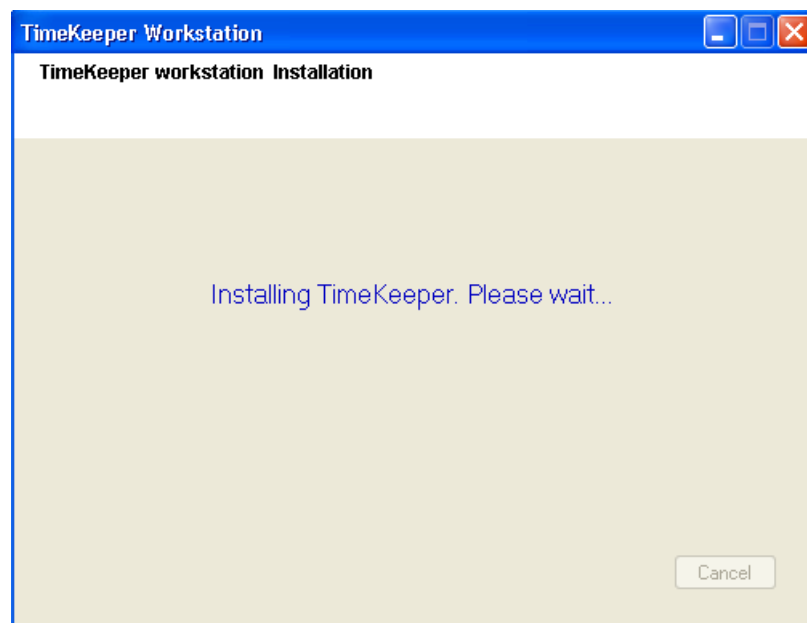
3. Click **Next**. The **Ready to Install the Program** screen appears:



4. Click **Install**. The **TimeKeeper Workstation Installation** screen appears:

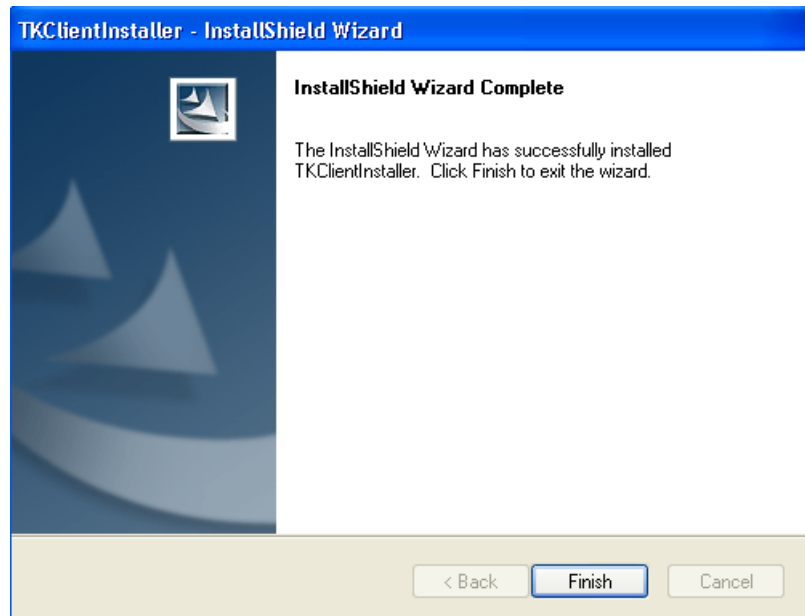


5. Enter the path at which the application should be installed by clicking **Browse** or manually entering the path.
6. Click **Next**. The installation begins and the status screen appears:



During the installation process, the InstallShield performs registration for all .dll files included in the **TimeKeeper** version.

At the end of the installation the final screen appears:



At the end of the installation, a shortcut appears on the desktop of the specific workstation.

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 [Individual Workstation Installation and Upgrade \(Client-Side\)](#) on page 85 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

Part 4

Troubleshooting

Troubleshooting the TimeKeeper SQL Installation 12

This chapter describes troubleshooting for any problems when installing the **TimeKeeper SQL**.

Possible Problems

Problems Prior To Installation

Problem: A database backup already exists and needs to be used for the **TimeKeeper** installation.

Possible Solutions: [Database Restore on page 95](#)

Problems During Installation

Problem: During installation at the **Authentication Code** screen, TimeKeeper cannot identify the HASP plug.

Possible Solutions: [HASP Installation and Identification Issues on page 99](#)

Problem: The HASP Not Found error message, or a similar message, appears.

Possible Solutions: [HASP Installation and Identification Issues on page 99](#)

Problems that End Installation

Problem: An error message is displayed and the installation stops in the middle.

Possible Solutions: [General Installation Problems on page 95](#)

Problems After Installation

Problem: The installation fully ends but the users cannot access **TimeKeeper**.

Possible Solutions: [HASP Installation and Identification Issues on page 99](#)

Problem: The HASP Not Found error message, or a similar message, appears.

Possible Solutions: [HASP Installation and Identification Issues on page 99](#)

Solutions

General Installation Problems



To find the InstallShield log:

Any errors that occur when using the InstallShield tool are recorded in the log from the TKSQL folder. When the first error occurs, a folder is created at the following path:

```
C:\Program Files\Lavie\TKSQL\LOGS
```

IMPORTANT! If an error occurs, causing a log to be created, the log must be sent to the Lavie developers for analysis.

Database Restore



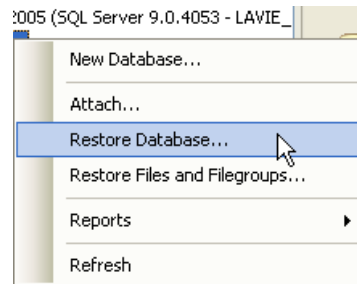
To restore a backed up database:

NOTE: Restoring the database prior to installing **TimeKeeper** can ease the installation process. If you are restoring the database prior to installation, be sure to indicate the restored database as the database to be “installed” for first-time use of the InstallShield wizard.

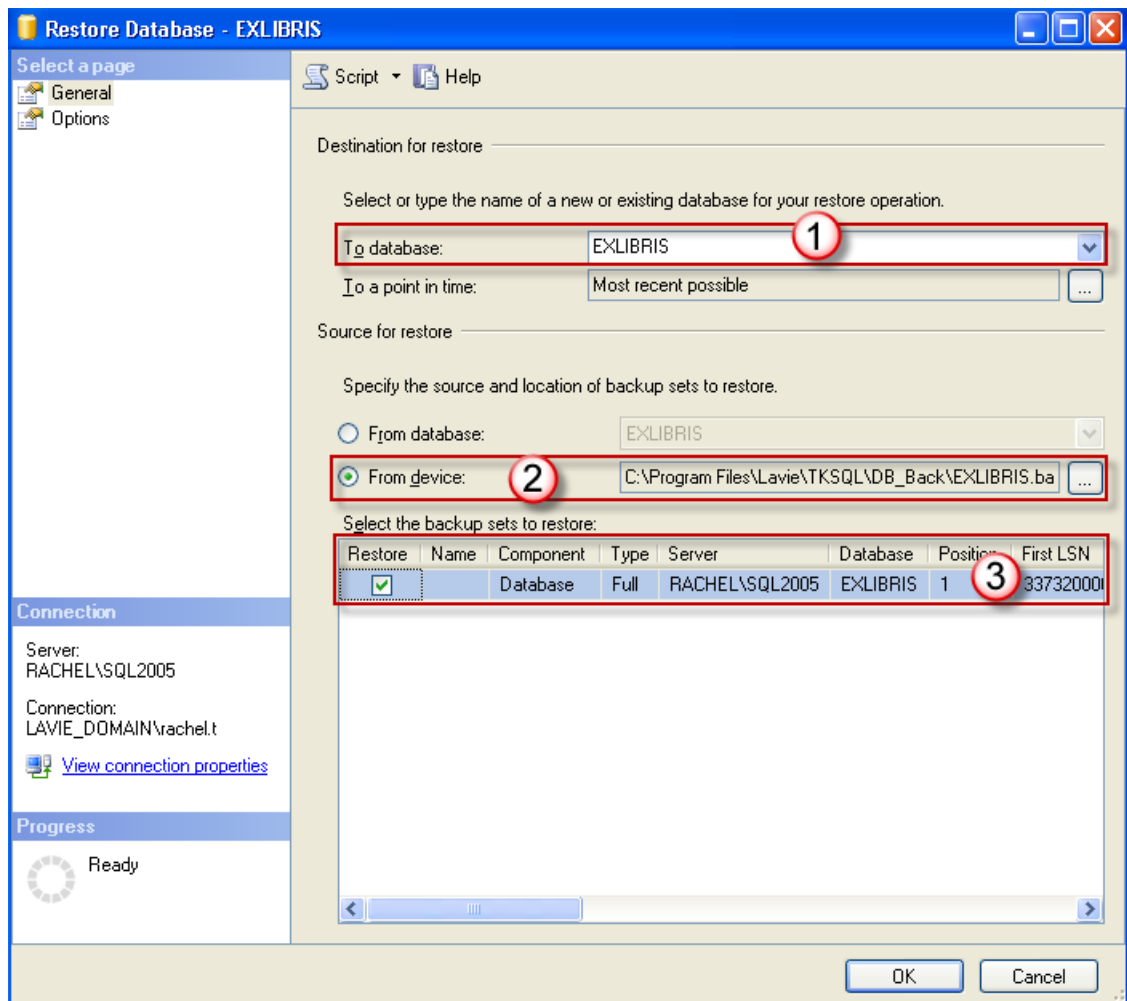
1. From the **TKSQL** backup, unzip the database to be restored.
2. Open an SQL server management application. For example, the SQL Server Management Studio from Microsoft.

NOTE: This procedure describes database restoration based on the SQL Server Management Studio.

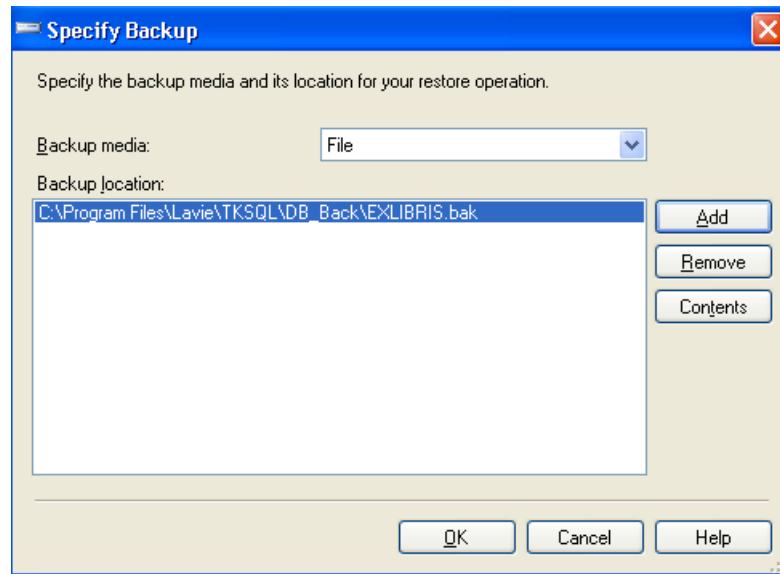
3. From the **Database** options, right click and select **Restore Database:**



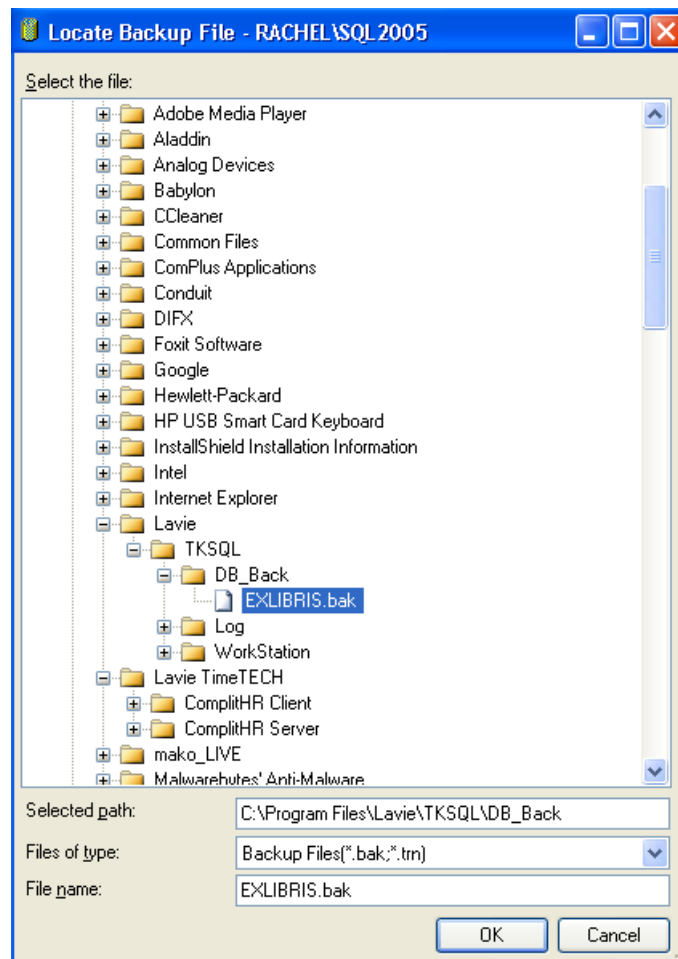
The **Restore Database** dialog box appears:



4. From the dialog box, enter a name for the database as it should be called when restored in the **To database** line (1 in the figure above).
5. From the **From device** field (2 in the figure above), click the browse button to locate the database you unzipped. The **Specify Backup** dialog box appears:

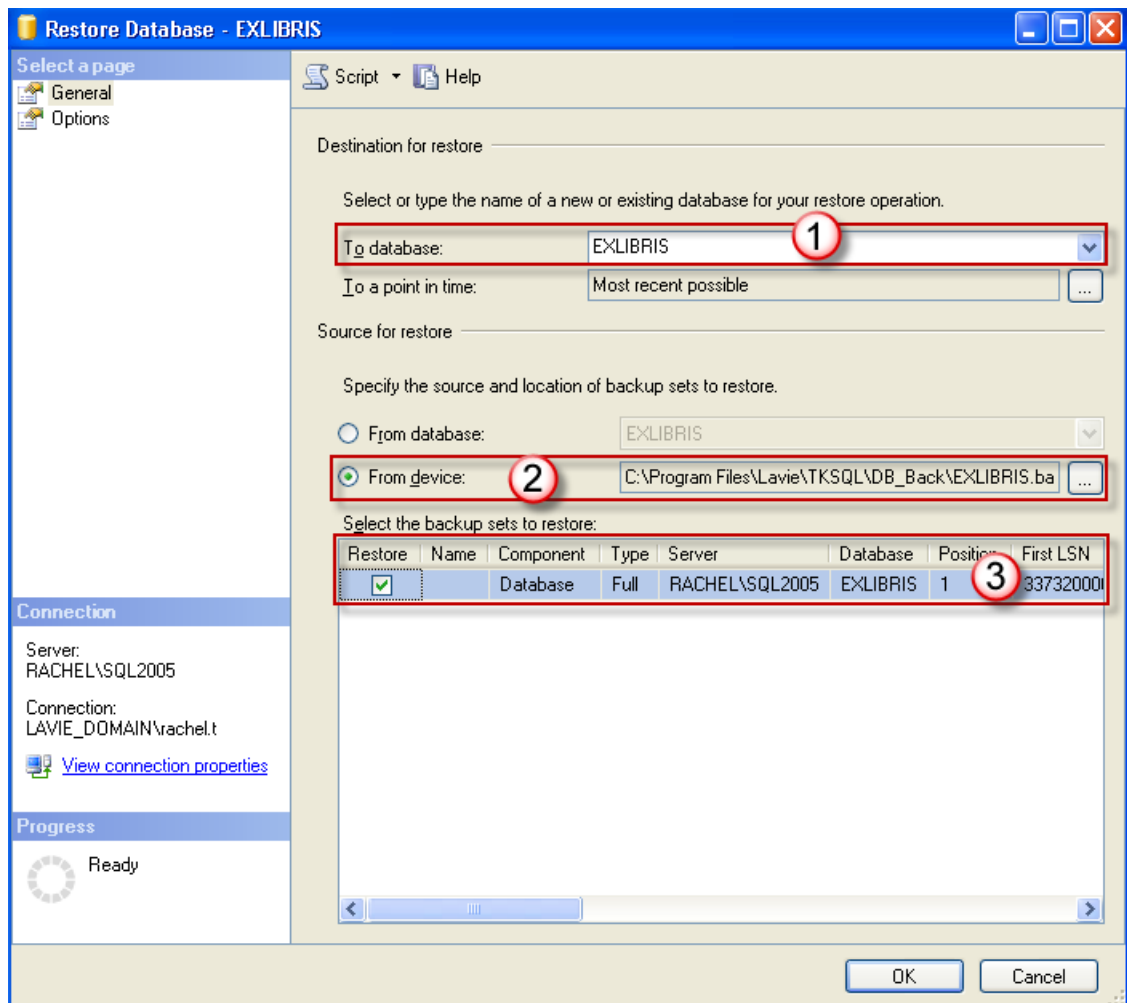


6. Click the **Add** button. The **Locate Backup File** dialog box appears:

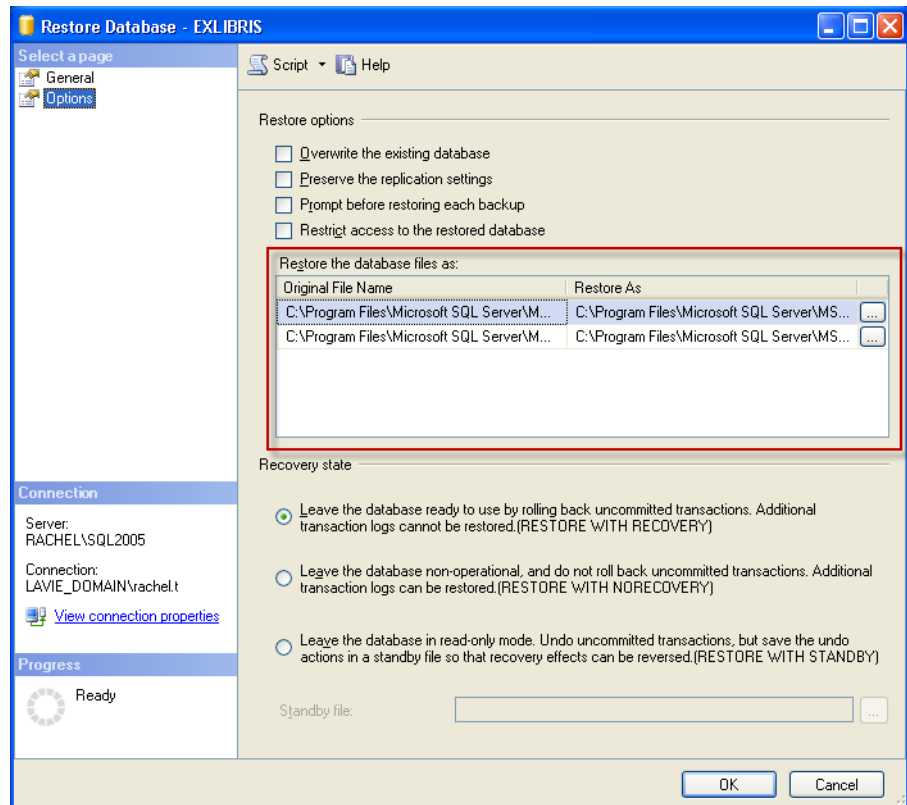


7. Browse to the location of the backed up database, select the database and click **OK**.
8. Click OK from the **Specify Backup** dialog box.
9. Check mark the database from the **Select the backup sets to restore** list in the

Restore column (3 in the figure):



10. Click Options from the left menu panel:



11. Ensure the **Restore As** path is correct for the path at which the database files are to be restored or click  to select the necessary path.
12. Click **OK**. The database is restored to the server with the name you identified in the **To database** field.
13. Exit the server management application.

HASP Installation and Identification Issues

If any of the following errors occur, or any other error similar to these, follow the troubleshooting procedures in this section to resolve HASP issues:

- If the installation completes, but there



To troubleshoot the HASP installation:

1. First ensure that the HASP is recognized by the computer outside of the InstallShield and **TimeKeeper** applications: From the TKCD, run the HTEST.exe file:

```

*****
** TimeKeeper-PCIWIH1 [9999]
** Serial#:972123
*****
** TC installed
** DA installed
** DIME installed
** ABS follow installed
** TK-2000 (32Bit) installed
** TK-SQL installed
** iBrowse installed
** NUMBER: 7C91B0A1
*****
** Press any key to continue -
  
```

If the HASP is correctly installed, all components will be identified in the list with the **installed** status, as in the figure above. If this is the case, continue to step [2](#).

If any of the components do not have this status, re-install HASP manually.

2. From the **TKSQL** folder (assuming the **TimeKeeper** programs were already installed), check the HASPVB32.dll version. For servers prior to 2003, the HASPVB32.dll date should be September 25, 2000. For servers including and later than 2003, the HASPVB32.dll date should be July 25, 2003.

If the dll file is correct, continue to step [3](#).

If the dll file is incorrect, manually paste the file at the TKSQL path and manually register the file.

3. Manually check the NETHASP.INI file from the TKSQL folder according to the following:
 - NH_SERVER_ADDR = the IP of the computer on which the plug is installed. To find the IP address:
 - i. Select **Start=>Run**.
 - ii. Type `cmd` and click **OK**.
 - iii. From the screen that opens, type `ipconfig` and **<Enter>**.
 - The correct protocol type for the customer site is set to **Enabled** and the other types are set to **Disabled**.
 - NH_USE_BROADCAST is **Disabled**.

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`