# TKSQL Installation Wizard

Installation Guide

TKSQL: v5.10.06 8/11/10



Synerion Systems Ltd. (hereinafter: "Synerion") technical documentation and the product(s) described herein are protected by one or more copyrights, patents, foreign patents trade marks or pending applications. No part of this publication may be reproduced or transmitted into any human or computer language in any form or by any means, stored in a retrieval system, transmitted, redistributed, translated or disclosed to third parties, or decompiled in any way including, but not limited to, photocopy, photograph, electronic, mechanical, magnetic or manual without the expressed written permission of Synerion, or its licensors, if any.

#### All copies, so authorized, shall contain a full copy of this copyright notice.

Synerion products are licensed products. The product licenses convey the right to use only those specific products, components, modules, features and/or functions specified in the license agreement or contract. This publication may mention or reference products, components, modules, features and/or functions that are not part of a particular license agreement. The customer is not entitled to the receipt of, or use of, any other products, components, modules, features and/or functions that may be referenced in any documentation provided to customer unless additional license fees are paid and an appropriate license agreement is duly executed. Synerion obligations with respect to its products and services are governed solely by the agreements under which they are provided.

This publication is furnished for informational use only and should not be construed as a commitment by Synerion. The information could include technical inaccuracies or typographical errors. Every effort has been made to make this publication as complete and accurate as possible, but it is provided "as is" without warranty of any kind, what so ever, either expressed or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non- infringement. Synerion may make improvements and/or changes in the program(s), product(s), and/or applications described in this publication at any time without notice. Due to continuous development of Synerion. Products, information published in this document may be trademarked or copyrighted by their respective owners, and are for identification purposes only.

#### Notice of Proprietary Rights

All Synerion products are licensed. This document and related products are protected amongst others by copyright and distributed under licenses restricting their use, reproduction, distribution, or decompilation. It is illegal to use any Synerion product, or Synerion product components, modules, features and/or functions that have not been properly licensed through Synerion. This document may reference products, components, modules, features and/ or functionality that are not part of your license agreement. Their inclusion or mention in this documentation does not constitute entitlement for receipt or use.

3/0-800

## **TABLE OF CONTENTS**

### **Installation Guide 1**

How to Use this Guide 5

**Server-Side Installations 5** 

Workstation (Client-Side) Installations 6

**Additional Information 7** 

### **Server Installation 9**

Server-Side Installation Wizard Overview 11

**Step-by-Step Overview 13** 

**Installing TimeKeeper SQL 17** 

Upgrading Any/All Features for TimeKeeper SQL Server Installation 39

**Modifying TimeKeeper SQL Server Installation 49** 

Installing Special TimeKeeper SQL Programs 73

TKSQL New Feature and Special Program Installation Instructions 73

**Removing TimeKeeper SQL Server Installation 75** 

Windows 7 Hot Fix Installation 79

Windows 7 & 2008 R2 Hotfix Installation for Hebrew Support 81

### **Client Installation 83**

Individual Workstation Installation and Upgrade (Client-Side) 85

**Multiple Workstation Installations (Client-Side) 89** 

## **Troubleshooting 91**

### **Troubleshooting the TimeKeeper SQL Installation 93**

**Possible Problems 93** 

**Problems Prior To Installation 93** 

**Problems During Installation 93** 

**Problems that End Installation 94** 

**Problems After Installation 94** 

### Solutions 95

**General Installation Problems 95** 

Database Restore 95

HASP Installation and Identification Issues 99

File Locations 101

# 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	on page 17
wizard, if you need to install all three available	
features: programs, database and HASP	
For first-time installations and first-time use of the	on page 17
wizard, if you need to install programs and/or	
database only	
For upgrades of any features that have already been	on page 39
installed	
To install additional features after at least one feature	on page 49
has already been installed—for example, to install	
programs after the database has already been	
installed	
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	on page 89
location	

## **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	Installing Special TimeKeeper SQL Programs on page 73
the basic installation	

## Part 1

Server Installation

3

# 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**<sup>®</sup>, 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 firsttime 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.

- iv. The wizard validates the requirements for the database installation, and installs the database, checks performance of the database and registers files and backs up the old database.
- c. Programs and database only:
  - i. The user selects the components for upgrade, change or repair, and the destination folder if necessary.
  - ii. The wizard validates requirements for installation.
  - iii. The wizard prompts the user to define the database if desired.
  - iv. The user enters the required HASP (dealer) code.
  - v. The wizard prompts the user to define the database.
  - vi. The wizard copies necessary programs, validates programs and registers files. The wizard validates the requirements for the database installation, and installs the database, checks performance of the database and registers files and backs up the old database.
  - vii. The wizard validates the requirements for the database installation, and installs the database, checks performance of the database and registers files.



# Installing TimeKeeper SQL

	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 <b>TimeKeeper SQL</b> using the <b>TKSQL</b> wizard installer,
designed to e	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 <b>20</b> .
	It is highly recommended that the database and programs are manually updated in
	addition to the automatic InstallShield backup, in a separate place.
The <b>TimeKe</b> also be dowr <b>To install Tin</b>	<b>Seper</b> installation application file is available on the installation disk, and can aloaded from the <b>Synerion Systems</b> website.
The <b>TimeKe</b> also be dowr <b>To install Tin</b> IMPORTANT!	<b>Seper</b> installation application file is available on the installation disk, and can aloaded from the <b>Synerion Systems</b> website. <b>MeKeeper SQL using the wizard:</b> If the installation ceases in the middle, manually or by crash, then: 1. restart the
The <b>TimeKe</b> also be dowr <b>To install Tin</b> IMPORTANT!	<b>Seper</b> installation application file is available on the installation disk, and can aloaded from the <b>Synerion Systems</b> website. <b>MeKeeper SQL using the wizard:</b> If the installation ceases in the middle, manually or by crash, then: 1. restart the InstallSHIELD and select <b>Remove</b> . After removing the installation, restart
The <b>TimeKe</b> also be dowr <b>To install Tin</b> IMPORTANT!	<ul> <li>eeper installation application file is available on the installation disk, and can aloaded from the Synerion Systems website.</li> <li>ineKeeper SQL using the wizard:</li> <li>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.</li> </ul>
The TimeKe also be dowr To install Tin IMPORTANT!	Seeper installation application file is available on the installation disk, and can alloaded from the Synerion Systems website. IneKeeper SQL using the wizard: 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.
The TimeKe also be dowr To install Tin IMPORTANT! NOTE:	<b>Seeper</b> installation application file is available on the installation disk, and can alloaded from the <b>Synerion Systems</b> website. <b>IneKeeper SQL using the wizard:</b> If the installation ceases in the middle, manually or by crash, then: 1. restart the InstallSHIELD and select <b>Remove</b> . After removing the installation, restart InstallSHIELD and begin the installation again. If there are any problems with the information for installation at any stage, click <b>Back</b> to change the input details or click <b>Cancel</b> to end the installation process.

ᠿ

- 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.
- 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.

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
<b>Preparing Setup</b> Please wait while the InstallShield Wizard prepares the setup.	
TimeKeeper 05.06.01 01/11/2009 Setup is preparing the InstallShield Wizard, v you through the rest of the setup process. Please wait.	which will guide
InstallShield	Cancel

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

TimeKeeper 05.06.01 01/	11/2009 - InstallShield Wizard	×
	Welcome to the InstallShield Wizard for TimeKeeper 05.06.01 01/11/2009 The InstallShield® Wizard will install TimeKeeper 05.06.01 01/11/2009 on your computer. To continue, click Next.	
	< Back Next > Cancel	

5. Click Next. The Select Features screen appears:

TimeKeeper 05.06.01 01/11/2009 - Inst	allShield Wizard 🛛 🔀
Select Features Select the features setup will install.	
Select the features you want to install, and dese Programs SQL Database Install HASP	elect the features you do not want to install.
397.57 MB of space required on the C drive 95927.70 MB of space available on the C drive InstallShield	
	< Back Next > Cancel

- 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:

TimeKeeper 05.06.01 01/11/2009 - In	stallShield Wizard 🛛 🔀
HASP Installation	
Select HASP installation	
<ul> <li>Server Installation</li> </ul>	
<ul> <li>Client Installation</li> </ul>	
InstallShield	
	<pre></pre>

- 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:





Aladdin Knowledge Systems Ltd. © 1985-2005. All Rights Reserved.

#### The **Select Language** screen appears:

TimeKeeper	05.06.01 01/11/2009 - InstallShield Wizard	×
HASP Inst	Select Language	
Select HA	Please select the language that you would like to use during the installation.	
💿 Server		
🔘 Client I		
	U.S.English Deutsch	
	OK Cancel	
InstallShield —	< Back Next > Cancel	

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

The **Welcome** screen appears:

🏞 HASP License Man	ager Installation	×
HASP	Welcome	
	This installation program will install the HASP License Manager on your system.	
	HASP License Manager version 8.31	
A1 11	For the installation to succeed, there must not be a HASP License Manager running. If one is running, please select "Cancel", stop the License Manager and try again.	
	<u>N</u> ext > ]	

**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:

🏞 Choose Destination Lo	ocation 🔀
HASP H	Setup will install HASP License Manager in the following folder. To install into a different folder, click Browse and select another folder. You can choose not to install HASP License Manager by clicking Cancel to exit Setup.
Anaddin Constant Constant Constant	Destination Folder C:\Program Files\Aladdin\HASP LM <u>Browse</u>
	< <u>B</u> ack <u>Next</u> > <u>C</u> ancel

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:

🌲 Device Driver Install	ation 🛛
HASP	HASP License Manager needs a HASP HL Device Driver version which is not currently installed on this system.
	HASP HL Driver Version: 5.19
Aladdin	This driver will be installed now.
	Next > Cancel

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:

🏞 HASP License Manage	er 🔀
HASP H	HASP License Manager has been successfully installed. Do you want to start it now ? NOTE: HASP key must be attached to the system in order to start the HASP License Manager. © Yes © No
Aladdin	
	<u>F</u> inish <u>C</u> ancel

- 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:  $23 \times 26 \times 210$  10:14 AM.

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:

TimeKeeper 05.06.01 01	/11/2009 - Insta	llShield Wizard	
HASP Installation		a day	
Device D	Driver	NOF	
Sele		Star 1	
0	Installation Uti	lity	
		Aladdin Knowledge Systems Ltd. © 1985-2005. All Rights Reserved	
La stall Chief J			
1113/011211010	C	< Back Next > Cance	el 📄

The **Select Language** screen appears:

TimeKeeper	05.06.01 01/11/2009 - InstallShield Wizard
HASP Inst	Select Language
Select HA	Please select the language that you would like to use during the installation.
⊙ Server	
🔘 Client I	U S English
	Deutsch
	OK Cancel
InstallShield —	
	<pre> Back Next &gt; Cancel</pre>

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:

🛃 End User License Agreement 🛛 🔀
ALADDIN KNOWLEDGE SYSTEMS LTD.
HASP Device Driver
LICENSE AGREEMENT
IMPORTANT INFORMATION - PLEASE READ THIS AGREEMENT CAREFULLY BEFORE DOWNLOADING OR INSTALLING THE SOFTWARE PROGRAM. ALL ORDERS FOR AND USE OF THE HASP Device Driver including any revisions, corrections, modifications, enhancements, updates and/or upgrades
<ul> <li>I accept the license agreement</li> <li>I do not accept the license agreement</li> </ul>
< <u>B</u> ack <u>I</u> nstall > <u>C</u> ancel

#### c. Select I accept the license agreement and click Install.

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

Installi	ng drivers	
*	Please wait.	

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



- d. Click Finish.
- 13. The TK InstallShield Authentication screen appears.

TimeKeeper 05.06.0	1 01/11/2009 - Ins	tallShield Wizar	d	
Authentication Enter dealer code for	authentication			NS IN
Enter full dealer code	for authentication			
971-299	85-8888			
InstallShield				
		< Back	Next >	Cancel

- **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:

TimeKeeper 05.06.01 01/11/2009 - Ins	tallShield Wizard	
Connection		No.
Select the type of connection.		
⊙ TCP/IP		
◯ IPX		
○ NETBIOS		
InstallShield		
	< Back Next	> Cancel

- **b.** Select the protocol type used by the customer site.
- c. Click Next. The IP Address screen appears:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
Enter Text Please enter information in the field below.	No.
Enter IP Address	
10.0.0.111	
InstallShield	Cancel

- **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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard 🛛 🛛 🔀
Start Copying Files Review settings before copying files.
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.
Current Settings:
Selected features for installation: Programs Size: 246369K SQL Database Size: 90203K
InstallShield Cancel

**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.

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
Setup Status	
The InstallShield® Wizard is installing TimeKeeper 05.06.01 01/11/2009	
Installing	
C:\Program Files\Lavie\TKSQL\TKSQL\PROGRAMS\AbsCnfSQL.dll	
InstallShield	
	Cancel

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:

TKSql			
TKSQL II	nstallation		
TK Path	C:\TKSQL		Browse
		Next	Cancel

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 <b>TimeKeeper</b> 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\da Sgl Location			

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 $\ensuremath{\textbf{First}}$ $\ensuremath{\textbf{Database}}$ $\ensuremath{\textbf{Installation}}$ 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),
	InstallShiedl 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:

TimeKeeper 05.10	.02 15/02/2010 (ver. 1.11)
TKSQL.ini configu	ration
SQL Server Name	AAA-TK
SQL Authentication	Windows Authentication
TimeKeeper 05.10	0.02 15/02/2010 (ver. 1.11)
Backup of Do you wa	database on remote computer can't be done. Please backup database manually. nt to proceed without automatic backup
	Yes No
	Back Next Cancel

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:

imeKeeper 05.06.01 01/	11/2009 (ver. 1.9)	
TimeKeeper Basic Configu	ration	
Primary Language	Hebrew	~
Secondary Language	None	~
Full Organization Name		
	Back Nex	kt 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.

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:

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	\$a			
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

	fol	lows:
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 <b>CompareDB</b> 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.
٠	No sel	checkmark: When the <b>Database template does NOT exist</b> option is <b>not</b> ected, 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, <b>manually</b> .
	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 <b>CompareDB</b> program.
<b>23.</b> Clio	ck <b>N</b> tails	<b>lext</b> . The <b>Installation Information</b> screen is displayed, confirming database is for the database to be installed, or upgraded:

ation		
		~
	ation	ation

avoid any installation errors.

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

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)	
Installation	
Copy ApmFixSQL.dll	
Elapse Time 0:0:1	
	Cancel

**25.**When the installation completes, a message similar to the following appears:
Time#	eeper 05.06.01 01/11/2009 (ver. 1.8)
	TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)
	TKSQL programs and database were backed up and zipped to the following location C:\Program Files\Lavie\TKSQL\DB_Back
	ОК
Insta	lation finished
Elar	
Ciat	SETINE 0.12.41
	Cancel
ORTANT!	Each time InstallShield backs up programs and databases, the previous backu
	overwritten with the new back ups. This means that there is always only one ba
	version for programs and one for databases

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

TimeKeeper 05.06.01 01/	11/2009 - InstallShield Wizard
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed TimeKeeper 05.06.01 01/11/2009. Click Finish to exit the wizard.
	< Back <b>Finish</b> Cancel

**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.

# 5

## 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 <b>TimeKeeper</b>
	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:

 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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
<b>Preparing Setup</b> Please wait while the InstallShield Wizard prepares the setup.	No.
TimeKeeper 05.06.01 01/11/2009 Setup is preparing the InstallShield W you through the rest of the setup process. Please wait.	izard, which will guide
InstallShield	Cancel

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

TimeKeeper (	05.06.01 01/11/2009 - InstallShield Wizard	X
<b>Welcome</b> Modify,uogra	ide, or remove the program.	
Welcome to lets you mod	the TimeKeeper 05.06.01 01/11/2009 Setup Maintenance program. This program ify the current installation. Click one of the options below.	
🔘 Modify		
<b>F</b>	Select new program features to add or select currently installed features to remove.	
⊙ Upgrade	Reinstall all program features installed by the previous setup.	
	Remove all installed features.	
niouno noto	< Back Next > Cancel	

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

4. Click Next. The Short Code screen appears:

TimeKeeper 05.06.01 01/11/2009 - InstallShiel	d Wizard 🛛 🛛 🔀
Authentication Enter dealer code for authentication	N2
Enter short dealer code for authentication	
I	
(extall chiefd	
< Back	k Next > Cancel

**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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
Setup Status	No.
The InstallShield® Wizard is repairing TimeKeeper 05.06.01 01/11/2009	
Installing	
C:\Program Files\Lavie\TKSQL\TKSQL\PROGRAMS\ApmFixSQL.dll	
[111111	
InstallShield	Cancel

When the preparation ends, the feature selection screen appears:

TimeKeeper 05.06.01 01/11/2009 (ver. 1	.8) 📃 🗖 🔀
Features	
Unselect feature if you don't want to upgrade it <ul> <li>Programs</li> <li>SQL Database</li> </ul>	Description Copy and Register TimeKeeper Programs
	Next Cancel

- 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:

	TKSql
	TKSQL Installation
	TK Path C:\TKSQL Browse
	Finish Next Cancel
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 <b>TKSQL</b> folder and then select this path for <b>TK Path</b> . Ensure this is the default path that appears here.
WARNIN	G! Only install <b>TimeKeeper</b> 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 Installa	ation and TKSQL.ini configuration
SQL Server Name	RACHEL\SQL2005
SQL Authentication	Windows Authentication
SQL User Name	
SQL Password	
Database	EXLIBRIS

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:

SI	(Sql Installation TK Path : C:\TKSQL TKSQL Size : 246369K Drive C: Available Size : 97822504K QL Server Installation and TKSqLini SQL Server Name: TALPI0T-05 SQL Authentication: SQL Server Authentication SQL User Name: sa Database: MASAD_NEW SQL Installation Size : 90204K Drive C: Available Size : 97822504K
	Back Next Cancel

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

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)	
Installation	
Copy ApmFixSQL.dll	
Flanse Time D:D:1	
	Cancel

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

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)
Installation
TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)
TKSQL programs and database were backed up and zipped to the following location C:\Program Files\Lavie\TKSQL\DB_Back
ОК
Installation finished
Elapse Time 0:12:41
Cancel

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



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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on TimeKeeper 05.06.01 01/11/2009.
K Back Finish Cancel	

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.

## 6

## 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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard
Preparing Setup Please wait while the InstallShield Wizard prepares the setup.
TimeKeeper 05.06.01 01/11/2009 Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
InstallShield
Cancel

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

TimeKeeper 05.06.01 01/11/2009 - Ins	stallShield Wizard 🛛 🔀
Welcome Modify,uograde, or remove the program.	
Welcome to the TimeKeeper 05.06.01 01/11/2 lets you modify the current installation. Click on	2009 Setup Maintenance program. This program e of the options below.
Modify     Select new program features to a     remove.	add or select currently installed features to
<ul> <li>Upgrade</li> <li>Reinstall all program features ins</li> </ul>	talled by the previous setup.
Remove     Remove all installed features. InstallShield	
	<back next=""> Cancel</back>

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

- 2. Select Modify.
- 3. Click Next.

The feature selection screen appears:

TimeKeeper 05.06.01 01/11/2009 - Insta	allShield Wizard 🛛 🔀
Select Features Select the features setup will install.	
Select the features you want to install, and desele SQL Database Install HASP	ect the features you do not want to install.  Description Copy and Register TimeKeeper Programs
0.00 MB of space required on the C drive 95483.59 MB of space available on the C drive InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel

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.

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:

TimeKeeper 05.10.02 15/02/2010 - InstallShield Wizard	
Select Features Select the features setup will install.	
Select the features you want to install, and deselect the features you do not want to install.	
TimeKeeper 05.10.02 15/02/2010 - InstallShield Wizard 🔀	
Nothing in the system has been requested for change. To continue to modify, you must request a feature be changed, or select Cancel to make no changes.	
ОК	
0.00 MB of space required on the C drive 92114.91 MB of space available on the C drive	
InstallShield	
< Back Next > Cancel	

- 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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard 🛛 🛛 🔀	
Select Features Select the features setup will install.	
Select the features you want to install, and deselect the features you do not want to install.	
□ Programs         ☑ SQL Database         □ Install HASP         ② Do you want remove Programs?         Yes	
0.00 MB of space required on the C drive 95482.23 MB of space available on the C drive InstallShield	
< Back Next > Cancel	

**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:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.9)	
Installation Information	
TKSQL Uninstall TKSQL Directory : C:\TKSQL	
	Next Cancel

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

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)	
Installation	
Copy ApmFixSOL.dll	
(******	
Elapse Time 0:0:1	
٢	Cancel
L	Cancer

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on TimeKeeper 05.06.01 01/11/2009.
	< Back Finish Cancel

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wiz	ard 🛛 🔀
Authentication Enter dealer code for authentication	
Enter short dealer code for authentication	
I	
< Back	Next > Cancel

**b.** Enter the short HASP code.

## **EXAMPLE:** 9727777

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	×
Setup Status	
The InstallShield® Wizard is repairing TimeKeeper 05.06.01 01/11/2009	
Installing	
C:\Program Files\Lavie\TKSQL\TKSQL\PROGRAMS\ApmFixSQL.dll	
การเสมอากยุณ	Cancel

The **TK Path** screen appears:

TKSql			
TKSQL II	nstallation		
TK Path	C:\TKSQL		Browse
		Finish	Nevt Cancel
		- mistr	

- 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:

TimeKeeper 05.06	.01 01/11/2009 (ver. 1.9)
TKSQL.ini configur	ation
SQL Server Name	RACHEL\SQL2005
SQL Authentication	Windows Authentication
SQL User Name	
SQL Password	
Database	EXLIBRIS'
	Back Next Cancel

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

s	QL Server Installation GQL Server Name: RACHEL\SQL2005 GQL Authentication: Windows Authentication Database: EXLIBRIS GQL Installation Size : 90440K			
	Jrive U: Available Size : 97351984K			
		Back N	ext Cancel	

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

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)	
Installation	
Copy ApmFixSQL.dll	
(*****	
Elapse Time 0:0:1	
C	Cancel

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard			
	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on TimeKeeper 05.06.01 01/11/2009.		
	< Back Finish Cancel		

- 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:

TimeKeeper 05.06.01 01/11/2009 - In	stallShield Wizard 🛛 🛛 🔀
Authentication Enter dealer code for authentication	
Enter short dealer code for authentication	
l	
Install©biold	
ni stalo nela -	<pre></pre>

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	×
Setup Status	
The InstallShield® Wizard is repairing TimeKeeper 05.06.01 01/11/2009	
Installing	
C:\Program Files\Lavie\TKSQL\TKSQL\PROGRAMS\ApmFixSQL.dll	
Les en ll'Object de	
	Cancel

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\dz Sql Location			
	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), InstallShiedl 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:

TimeKeeper 05.10	.02 15/02/2010 (ver. 1.11)				
TKSQL.ini configuration					
SQL Server Name	AAA-TK 🗸 🗸				
SQL Authentication	Windows Authentication				
TimeKeeper 05.10	TimeKeeper 05.10.02 15/02/2010 (ver. 1.11)				
Backup of o Do you war	Backup of database on remote computer can't be done. Please backup database manually. Do you want to proceed without automatic backup				
	Yes No				
	Back Next Cancel				

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 Configur	ation		
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 Authentication	×				
sa					
TimeKeeper_TM	~				
Back Next	Cancel				
	01 01/11/2009 (ver. 1.8) Database template does NOT exist TALPIOT-05 SQL Server Authentication sa TimeKeeper_TM Back Next				

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 using ungrades the sustained detailers been any the template that uses
•	The wizard upgrades the customer database based on the template that was
	created through the <b>CompareDB</b> program.
	There is no need to complete additional information on this screen. Ontionally:
•	mere is no need to complete additional mormation 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, <b>manually</b> .
•	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.
	COL Authentication the authentication method used for the database to realize
	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:

Installation Information	
SQL Server Installation SQL Server Name: RACHEL\SQL2005 SQL Authentication: Windows Authenticatior Database: EXLIBRIS SQL Installation Size : 90440K Drive C: Available Size : 97351984K	
	Back Next Cancel

- 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:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)	
Installation	
Copy ApmFixSQL.dll	
Elapse Time 0:0:1	
L	Cancel

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard		
	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on TimeKeeper 05.06.01 01/11/2009.	
	< Back Finish Cancel	

- 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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	×	
Select Features Select the features setup will install.		
Select the features you want to install, and deselect the features you do not want to install.		
Programs     SQL Database     Question     Install HASP     Over the second seco		
Yes No		
0.00 MB of space required on the C drive 95482.23 MB of space available on the C drive InstallShield		
< Back Next > Cancel	)	

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

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

TimeKeeper 05.06.01 01/11/2009 - In	stallShield Wizard	
Authentication Enter dealer code for authentication		No.
Enter short dealer code for authentication		
I		
Lessell's Mark		
Instalionielo -	< Back Next >	Cancel

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	×
Setup Status	
The InstallShield® Wizard is repairing TimeKeeper 05.06.01 01/11/2009	
Installing	
C:\Program Files\Lavie\TKSQL\TKSQL\PROGRAMS\ApmFixSQL.dll	
InstallShield	
	Cancel

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	58		
SQL Password			
Database	MASAD NEW		
DB Location	C:\Program Files\Microsoft SQL Server\MSSQL\dz Sall acation		
	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), InstallShiedl 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:

TimeKeeper 05.10	.02 15/02/2010 (ver. 1.11)
TKSQL.ini configur	ation
SQL Server Name	AAA-TK
SQL Authentication	Windows Authentication
TimeKeeper 05.10	0.02 15/02/2010 (ver. 1.11)
Backup of c Do you war	latabase on remote computer can't be done. Please backup database manually. It to proceed without automatic backup
	Yes No
	Back Next Cancel

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:

imeKeeper 05.06.01 01/	11/2009 (ver. 1.9)	
TimeKeeper Basic Configu	ration	
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			
	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 <b>CompareDB</b> 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 SOL Server
		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 such as a second of the base to call the base of the second state of the second st
	•	The customer creates a database template by restoring an existing database in
		advance, <b>manually</b> .
		The order of the second in the second s
	•	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:

Installation Information
TKSQL Uninstall TKSQL Directory : C:\TKSQL SQL Server Installation SQL Server Name: RACHEL\SQL2005 SQL Authentication: Windows Authentication Database: EXLIBRIS SQL Installation Size : 90334K Drive C: Available Size : 96772524K
Back Next Cancel

- **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:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)				
Installation				
Copy ApmFixSQL.dll				
Elapse Time 0:0:1				
	Cancel			

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

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard		
	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on TimeKeeper 05.06.01 01/11/2009.	
	< <u>B</u> ack <b>Finish</b> Cancel	

I. Click **Finish** to end the process.
7

### 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 <b>TimeKeep</b>
	run.
To install a	a special program:
NOTE:	All special program installation steps are performed on the server side.
1. Ensure	<b>TimeKeeper</b> is upgraded to the most recent release.
2. Ensure	that you run a full database backup.
3. Ensure	that you run <b>Backup 99</b> .
4. Copy a	ll relevant .dll files to the <b>TK</b> folder from the relevant folder. For example: the
SPEC	folder or the top level of the <b>TK</b> folder.
5. Run th	e <b>reqemallw.exe</b> utility.
a. Fro	m the <b>TKSQL</b> directory, click <b>reqemallw.exe</b> . The <b>RegEmAllw</b> window
dis	blayed.

- **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:

7 Restore Tables & Files			
General Parameters System Configuration File System Files System Tables S	itandard Files		
Standard Name Description			
	-		
	👫 Restore Tables & Files		
	File Name	Drives	<u>k</u>
J	JBACKUP99.∠IP		▼ <u>C</u> ancel
Searching For Archive. Wait		Directories	
		C. VINOUL	
	List Files Of Type		<b>N</b>

- 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**.

8

### 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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	
Preparing Setup Please wait while the InstallShield Wizard prepares the setup.	K
TimeKeeper 05.06.01 01/11/2009 Setup is preparing the InstallShield Wizard, whic you through the rest of the setup process. Please wait.	h will guide
InstallShield	
L	Cancel

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

TimeKeeper (	05.06.01 01/11/2009 - InstallShield Wizard 🛛 🛛 🛛
<b>₩elcome</b> Modify,uogra	de, or remove the program.
Welcome to lets you modi	the TimeKeeper 05.06.01 01/11/2009 Setup Maintenance program. This program fy the current installation. Click one of the options below.
🔘 Modify	
17	Select new program features to add or select currently installed features to remove.
⊙ Upgrade	Reinstall all program features installed by the previous setup.
O Remove	Remove all installed features.
	< Back Next > Cancel

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:

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard	×
Welcome Modify,uograde, or remove the program.	2
Welcome to the TimeKeeper 05.06.01 01/11/2009 Setup Maintenance program. This progra lets you modify the current installation. Click one of the options below. Modify	m
TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard         Do you want to completely remove the selected application and all of its features?         Yes       No	
Remove     Remove all installed features.  InstallShield	
< Back Next > Cancel	

 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:

TimeKeeper 05.06.01 01/11/2009 (ver. 1.8)	
Uninstall	
Zip Backup TKSQL	
Elapse Time 0:0:11	
	Cancel

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.

TimeKeeper 05.06.01 01/11/2009 - InstallShield Wizard				
	Uninstall Complete InstallShield Wizard has finished uninstalling TimeKeeper 05.06.01 01/11/2009.			
	< <u>B</u> ack <b>Finish</b> Cancel			

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

### Part 2

Windows 7 Hot Fix Installation

## 9

### 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.
  - From the Regional and Language dialog box, ensure Hebrew is selected from the
     Format dropdown list:

ormat:	
Hebrew (Israel)	
Date and time form	nats
Short date:	dd/MM/yyyy
Long date:	dddd dd MMMM yyyy 👻
Short time:	HH:mm -
Long time:	HH:mm:ss 🔹
First day of week:	יום ראשוך 🗸
What does the nota	ation mean?
Examples	
Short date:	22/06/2010
Long date:	יום שלישי 22 יוני 2010
Short time:	14:18
Long time:	14:18:20

### Part 3

**Client Installation** 

# tion **10**

## Individual Workstation Installation and Upgrade (Client-Side)

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 indentical—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 <b>on</b>			
	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 <b>Back</b>
	to change the input details or click <b>Cancel</b> to end the installation process.

- **1.** Insert the CD or the selected media into the server.
- 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:

TKClientInstaller - InstallShield Wizard	×
<b>Ready to Install the Program</b> The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Back. Clic the wizard.	:k Cancel to exit
InstallShield	
< Back Install	Cancel

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

TimeKee	per Workstation			
TimeKo	eeper workstation I	nstallation		
TK Path	C:\TKSQL			Browse
			Next	Cancel

- 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:

TimeKeeper Workstation	
TimeKeeper workstation Installation	
Installing TimeKeeper. Please wait	
- · ·	
	Cancel

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:

TKClientInstaller - InstallShield Wizard		
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed TKClientInstaller. Click Finish to exit the wizard.	
	< Back Finish Cancel	

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.		
	Each time special programs are available and installed on the server at the customer		
INFORTANT:	site the programs must be registered on each workstation. To register the programs		
	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 **12** Installation

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**

		•	
. /	С	ħ	
<b>~</b>	г		
	U	J	

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.

 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**:

2005	(SQL Server 9.0.4053 - LAVIE	
	New Database	
	Attach	
	Restore Database	
	Restore Files and Filegroups	
	Reports •	
	Refresh	

The **Restore Database** dialog box appears:

🧃 Restore Database - EXLIE	RIS 📃 🗖 🔀		
Select a page	🛒 Script 🔻 🚯 Help		
🚰 General			
	Destination for restore		
	Select or type the name of a new or existing database for your restore operation.		
	To a point in time: Most recent possible		
	Specify the source and location of backup sets to restore.		
	O From database: EXLIBRIS ▼		
	From device:     (2)     C:\Program Files\Lavie\TKSQL\DB_Back\EXLIBRIS.ba		
	Select the backup sets to restore:		
	Restore Name Component Type Server Database Position First LSN		
Connection	Database Full RACHEL\SQL2005 EXLIBRIS 1 33732000		
Server:			
RACHEL\SQL2005			
Connection: LAVIE_DOMAIN\rachel.t			
View connection properties			
Progress			
Ready			
	OK Cancel		

- 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).
- 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:

📟 Specify Backup		×
Specify the backup media and	its location for your restore oper	ation.
<u>B</u> ackup media:	File	✓
Backup location:		
C:\Program Files\Lavie\TKSQL	\DB_Back\EXLIBRIS.bak	Ad <u>R</u> emove Con <u>t</u> ents
	<u>K</u>	Cancel Help

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 Database - EXLIBRIS			
Select a page	🖾 Script 👻 📑 Help		
The second secon	Destination for restore		
	Select or type the name of a new or existing database for your restore operation.		
	To database: EXLIBRIS		
	Io a point in time: Most recent possible		
	Source for restore		
	Specify the source and location of backup sets to restore.		
	○ From database: EXLIBRIS		
	• From device: (2) C:\Program Files\Lavie\TKSQL\DB_Back\EXLIBRIS.ba		
	S <u>e</u> lect the backup sets to restore:		
	Restore Name Component Type Server Database Position First LSN		
Connection			
Server: RACHEL\SQL2005			
Connection: LAVIE_DOMAIN\rachel.t			
View connection properties			
Progress			
Ready			
	OK Cancel		

**Restore** column (3 in the figure):

**10.**Click Options from the left menu panel:

🥫 Restore Database - EXLIB	RIS	
Select a page General Options	Script	Restore As C:\Program Files\Microsoft SQL Server\MS C:\Program Files\Microsoft SQL Server\MS
Connection Server: RACHEL\SQL2005	● Leave the database ready to use by rolling transaction logs cannot be restored.(RESTC	pack uncommitted transactions. Additional IRE WITH RECOVERY)
Connection: LAVIE_DOMAIN\rachel.t	<ul> <li>Leave the database non-operational, and database non-operational, and database transaction logs can be restored. (RESTORE)</li> </ul>	o not roll back uncommitted transactions. Additional S WITH NORECOVERY)
Progress	<ul> <li>Leave the database in read-only mode. Und actions in a standby file so that recovery effort</li> </ul>	lo uncommitted transactions, but save the undo ects can be reversed.(RESTORE WITH STANDBY)
Ready	Standby file:	
		OK Cancel

- **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:

 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:



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.

 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**.

# 13

### **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