Synerion Upgrade and Workstation Setup Tools

TKSQL and **iBrowse**

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1 Overview

This document describes the usage of the **Synerion Upgrade Tool** and the **TKSQL Workstation Setup Tool**, as required for the update procedure.

- **Synerion Upgrade Tool** upgrades the TKSQL programs, database and iBrowse for every release, starting with 5.10.06 and onwards
- **TKSQL Workstation Setup Tool** upgrades the components in TKSQL workstation clients for every release

NOTE: These tools are provided together as part of the same release.



2 Synerion Upgrade Tool

In previous versions of the Upgrade Tool, IT personnel were required to upgrade their TKSQL and iBrowse installations separately. This meant installing the Major annual release and installing the latest version of the Service Pack. The new version of the Synerion Upgrade Tool allows you to update the TKSQL and iBrowse systems to the most recent Major release—including the latest version of Service Pack—all in a single go.

In the new version of the Synerion Upgrade Tool:

- It is possible to run the upgrade procedure from any workstation in the network.
- The update procedure does not use the source database, **DATASET**.
- Changes in Dealers and COLLATION are not required; they are required for new installation, only.

NOTE: With this tool, it is possible to upgrade systems from version 5.10.06—30/06/2010—and higher.



2.1 Intended Audience

This tool is for authorized Windows Power Users/IT personnel only.

2.2 Prerequisite: Obsolete Versions

Use this tool only on TKSQL versions from **5.10.06** (released 30/06/2010), and up. If your version is earlier than 5.10.06, you must first upgrade to version 5.12.01 using the existing INSTALL tools. Then use the new upgrade tools to update your installation to the latest version of the application.

NOTE: If the exact version is not known, you should assume that the system is older than 5.10.06—and execute the upgrade for an older system, using the procedure described in this section.

If you try to upgrade from an old version of SQL Database, the system generates an error message and halts the upgrade procedure.

🕙 TimeKeeper SQL Databas	e Upgrade	- D ×
The upgrade cannot Please see the Technical De accordingly.	proceed. etails below, and correct the input or grant privileges	J)
Error The chosen database is too Please contact your dealer fo	obsolete to upgrade. or support.	4
Correct input	Correct input	*
C Exit the wizard	Please review the error messages in the technical details above.	
C Try again	It you choose this option, you may go back to the screen that caused this message, and correct the upgrade setting	js.
	Execute	

To upgrade from and old version of the DB (or a first-time installation):

1. Run the installation procedure using the existing INSTALL tools for TKSQL and iBrowse:

TKSQL_051201_20120131.exe IBrowse_051201_20120131.exe

NOTE: These tools are included in the major release 5.12.01, however they will not be updated in future releases.

2. After successful installation, run the new Synerion Upgrade Tool—as described in the following sections.



2.3 Using the Synerion Upgrade Tool

This section describes the Synerion Upgrade Tool's basic usage.

To upgrade via the command line, see <u>Distribution via Command Line</u>.

When iBrowse is installed separately from TKSQL, you must perform the upgrade for each system separately:

- Upgrade database and TKSQL program files (that is, the directory folder holding the program files that are used when system operators call the program);
- Upgrade iBrowse and TKSQL program files on the IIS server hosting iBrowse (that is, the local folder holding the TKSQL program files that serve iBrowse).

2.3.1 Upgrading the Database and TKSQL Programs

WARNING: The Synerion Upgrade Tool does not perform an automatic backup of **TK Program Files**. You must manually back up **TK Program Files** by creating a .ZIP of the folder before proceeding with the update.

To upgrade the DB and TKSQL programs:

1. Run **RegEmAllW** registration for TKSQL programs before initiating the upgrade procedure:

🖗 RegEmAllW		
	Selected directories:	Add
		Remove
	File masks: Standard file masks:	
	Additional file masks: E.G.: "TkAx":dll; TkAx":exe": These files will a	ako be handled by the program
	Excluded file masks: <i>E.G.: "Tb/O"; dll; Tb2p"; dll"; These files will No</i>	77 be handled by the program.
	File name: Result:	▲ Unregister
*	\\dk-shukis\D\TKSQL\UserLoginSQL.dll The library was successfully \\dk-shukis\D\TKSQL\UsersSQL.dll The library was successfully	registered.
	(\dk-shukis)DYTKSQL\WB2EXSQL.dll The library was successfully (\dk-shukis)DYTKSQL\YTDSQL.dll The library was successfully (\dk-shukis)DYTKSQL\YTDSQL.dll The library was successfully (\dk-shukis)DYTKSQL\YTDSQL.dll The library was successfully	registered.
		Execute
	Batch: Loaded: [Un]Regis Executed: [Un]Inst Skipped:	During (s):
	1 313 186 0 0 0	42.328 Exit
		About

NOTE: This step applies only if the workstation from where you are running the upgrade has never accessed TKSQL. If it has accessed TKSQL, then the files have already been registered. You can skip this step.



2. As an ADMINISTRATOR, run the Full Upgrade file: SynerionUpgrade_51201_SP02_20120628.exe

The InstallShield Wizard initializes:

TimeKeeper and iBrowse Upgrade - InstallShield Wizard	×
Setup Status	X
TimeKeeper and iBrowse Upgrade is configuring your new software installation.	
Installing	
InstallShield	
	Cancel

In addition, the Synerion Upgrade wizard welcome screen displays:





3. Click **Next**. The **Execute actions** screen is displayed.

🚯 Synerion Upgrade 📃 🗔 🗙			
Execute actions Review the actions below, and click 'Execute' to perform the ones you checked.			
Upgrade Database			
Server: [LTSQL2005\SQL2000]; Database: [SHK_HASP_MAX_51006]; Version 5.10.06			
SQL authentication, user ad			
Change Credentials			
Upgrade TimeKeeper software			
At folder: "\\dk-shukis\D\TKSQL"			
Back Next Cancel			

- The **Execute actions** screen indicates that the upgrade procedure is about to begin. Specifically, when the DB and or TK Programs are older than the current Synerion Upgrade Tools version, users cannot remove the "v" from the checkbox.
- In the event that SQL permissions in Tksql.ini are not sufficient to allow you to proceed, use the Change Credentials function to change to a user with the proper level of authorization. For security considerations, you can do this for purposes of <u>upgrading only</u>.

街 TimeKeeper SQL	Database Upgrade	×
Change crede Choose credentials administrator level.	ntials s to upgrade the database. You may need credentials at system	C
Use Windows Aut	hentication	
User Name	ad	
Password		
	Test Credentials	
	Ok Ca	incel





4. Click Next. The Additional Settings screen is displayed.

🕙 Synerion Upgrade	
Additional Settings Location where the current database will be backed up, location for the execu report.	ition
Backup file name:	Last backup
E:\DB Backup Files 2000\Shuki\Backup_SHK_HASP_MAX_51006_2012062	Browse
	Skip
Save report to:	
C:\Documents and Settings\SHUKI\My Documents\SynerionUpgrade_22_06	Browse
Back	Cancel

- The Upgrade Log is retained, by default, in: **\Documents and Settings\USER\My Documents** or \Users\USER \Documents\.
- Click **Last Backup** button to see when the most recent backup was performed (if there has never been a backup, the button will not appear). Click **OK** to close.

Synerion TimeKeeper SQL/iBrowse Upgrade Wizard 🛛 🛛 🗙
Date: 22/06/2012 15:59:08 User: ad Name: SHK_HASP_MAX_51006-Full Database Backup Before Version Upgrade-2012-06-22T15:58:30.5854620+03:00 Destination: E:\DB Backup Files 2000\Shuki\Backup_SHK_HASP_MAX_51006_20120622_035605_603.bak
ОК

5. (Optional) The DB backup procedure is enabled by default. If you wish to skip the DB backup, click **Skip...**





The Skip the backup step screen displays. Synerion TimeKeeper SQL/iBrowse Upgrade Wizard Skip the backup step. You may choose to skip the backup step (not recommended), if a backup of your database is available. Disclaimer We would like to bring your attention to the fact that the Database Upgrade process you are performing can result in data loss and/or structure comption that may, amongst other damages, prevent you from using the TimeKeeper system. In order to prevent such a scenario, we strongly recommend that prior to the upgrade process, you backup your database completely. If you choose not to back up your database prior to the upgrade process, Synerion will not be responsible in any case of a failure and cannot guarantee recovery. Please note that the user and the date of this step will be recorded in our system and may be used in case of future claims. If have a full database backup, and I have read, understand, and agree to the terms above. Skip the backup step Cancel (run the backup)

- To skip the backup process, do as follows:
 - Read the disclaimer carefully, and at the bottom, in I have a full database backup, and I have read, understand, and agree to the terms above, click the checkbox. As a result, the Skip the backup step button is enabled.
 - 2) Click Skip the backup step.
- Alternatively, click **Cancel (run the backup)** to run the backup process. This will be executed automatically by the upgrade process.
- 6. Click Next.

An information screen is displayed. This screen provides a summary of all actions to be performed by the upgrade.

NOTE: If you chose not to backup the database, the line **The database will not be upgraded** is added.

😸 Synerion Upgrade 📃 🖂 🔀			
Ready to upgrade Synerion Products Click 'Upgrade' to start executing the upgrade; click 'Back' to change any of your upgrade settings. Click 'Cancel' to exit the wizard.			
The following database will be upgraded			
Server:	LTSQL2005\SQL2000		
Database:	SHK_HASP_MAX_51006 (version 5.10.06)		
Authenticatio	n: Windows		
Command:	\\Rdsql-serv\Tk- Set\Tksql\TKB4QA_Folders\INSTALL_PR0GRAMS\2011_Installe LTSQL2005\SQL2000 /d SHK_HASP_MAX_51006 /l ''C:\Documer Documents\tksql_database_upgrade_22_06_2012_15\$56\$05.html'' \Shuki\Backup_SHK_HASP_MAX_51006_20120622_035605_603.		
 The current version of the database will be backed up to the following path: E:\DB Backup Files 2000 \Shuki\Backup SHK HASP MAX 51006 20120622 035605 603.bak favailable 			
	Back Upgrade Cancel		



🚱 Synerion Upgrade 📃 🔲 🗙			
Ready to upgrade Synerion Products Click 'Upgrade' to start executing the upgrade; click 'Back' to change any of your upgrade settings. Click 'Cancel' to exit the wizard.			
 Space 120.87 GB) The database upgrade report will be available at the following path: C:\Documents and Settings\SHUKI\My Documents\tksql_database_upgrade_22_06_2012_15\$56\$05.html 			
TimeKeeper will be upgraded			
Currently installed at folder \\dk-shukis\D\TKSQL			
The command is: msiexec.exe /i "\\Rdsql-serv\Tk- Set\Tksql\TKB4QA_Folders\INSTALL_PROGRAMS\2011_Installer\Wrapper\cd\tk\TKSQL TKINSTALLDIR=\\dk-shukis\D\TKSQL /lv*x "C:\Documents and Settings\SHUKI\My Documents\tksql_install_22_06_2012_15\$56\$05.log" /qr			
Back Upgrade Cancel			

7. Click **Upgrade** to run the tool.

Two progress screens inform you of the progress of the upgrade, by component.

Synerion Upgrade		
Jpgrading the ch	osen components	a
Please wait while the S the actions that you ch	ynerion TimeKeeper SQL/iBrowse Upgrade Wizard ose.	I perform
Building list of steps to e	xecute.	×
Upgrading the database	,	
Upgrading TimeKeeper		M
		ی ت
Writing execution report		<u>U</u> .,
Elapsed time:	00:00:47	
	Back Next	Cancel
TimeKeeper SOL Data	Back Next	Cancel
TimeKeeper SQL Data	Back Next abase Upgrade meKeener SQL Database	
TimeKeeper SQL Data Ipgrading the Tir Please wait while the D	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe	Cancel
TimeKeeper SQL Data Jpgrading the Tir Please wait while the D database.	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe	
TimeKeeper SQL Data Ipgrading the Tir Please wait while the D database.	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe	
TimeKeeper SQL Data Jpgrading the Tir Please wait while the D database.	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database	Cancel
TimeKeeper SQL Data Jpgrading the Tir Please wait while the D database. 60 percent backed up.	Back Next abase Upgrade meKeeper SOL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database	Cancel
TimeKeeper SQL Data Jpgrading the Tir Please wait while the D- database. 60 percent backed up.	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database	
TimeKeeper SQL Data Jpgrading the Tir Please wait while the Da database. 60 percent backed up.	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database Backup database up.	Cancel
TimeKeeper SQL Data Jpgrading the Tir Please wait while the Di database. 60 percent backed up.	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database Backup database Backing the database up.	Cancel
TimeKeeper SQL Data Jpgrading the Tir Please wait while the Di database. 60 percent backed up. Elapsed time:	Back Next abase Upgrade meKeeper SOL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database Backing the database up. 00:00:40	Cencel
TimeKeeper SQL Data Jpgrading the Tir Please wait while the D. database. 60 percent backed up. Elapsed time: Estimated remaining time:	Back Next abase Upgrade meKeeper SQL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database Backing the database up. 00:00:40	Cancel
TimeKeeper SQL Data Jpgrading the Tir Please wait while the Di database. 60 percent backed up. Elapsed time: Estimated remaining time:	Back Next abase Upgrade meKeeper SOL Database atabase Upgrade Wizard upgrades the TimeKeepe Backup database Backing the database up. 00:00:40	Cancel



- 8. Upon completion, the **Finish** screen is displayed.
 - Successful Upgrade:



• To view the logs, click View Log. The Execution Report opens.



• To finish and exit the Setup Wizard, click **Finish** on the Synerion Upgrade screen.



2.3.2 Upgrading iBrowse and TKSQL Programs on an iBrowse Host Server (IIS)

WARNING: The Synerion Upgrade Tool does not perform an automatic backup of **TK Program Files**. You must manually back up **TK Program Files** by creating a .ZIP of the folder before proceeding with the update.

To use upgrade iBrowse and TKSQL Programs on an iBrowse Host Server (IIS):

1. Run **RegEmAllW** registration for TKSQL programs on your local workstation, before initiating the upgrade procedure. For example, **C:\IBrowse\ibrw_tksql**

Selected directories: C.VBrowse\brw_tksql
File masks:
Standard file masks: Image: The stan
Excluded file masks: E.G.: "TbiO" dll, TbiQ" dll", These files will NOT be handled by the program File name: Result:
C:\IBrowse\jbrw_tksq\\WCCTCSQL.dl The library is NOT an ACTIVEX server. C:\IBrowse\jbrw_tksq\\WeakAbsSql.dl The library is NOT an ACTIVEX server. Cutr. user C:\IBrowse\jbrw_tksq\\YDPSTSQL.dl The library is NOT an ACTIVEX server. Skip old
C:\ltbrowse\brw_tbsql\ssdw3b32.ocx The library was successfully registered.
Leach: Loaded: Unjfregs Executed: Unjfregs Skipped: During (5): 1 499 227 0 0 26.125 Exit About About About About About About

2. As an ADMINISTRATOR, run the **Full Upgrade** file. The InstallShield Wizard initializes:

TimeKeeper and iBrowse Upgrade - InstallShield Wizard	×
Setup Status	X
TimeKeeper and iBrowse Upgrade is configuring your new software installation.	
Installing	
IN AN AND THE MANAGEMENT OF A DECEMBENT OF A DECEMBENTA OF A DECEMBENT	Cancel



The Synerion Upgrade wizard welcome screen displays:

Synerion Upgrade	_
Welc SQL	ome to the Synerion TimeKeeper 'iBrowse Upgrade Wizard
The Sy allows to insta to cont SQL/it	unerion TimeKeeper SQL/iBrowse Upgrade Wizard you to upgrade existing Synerion components, and all a new instance of TimeKeeper SQL. Click Next tinue or Cancel to exit the Synerion TimeKeeper Browse Upgrade Wizard
Synerion Karles	Version 5.12.01 SP02
	Back Next Cancel
lick Next . The Execute actior	1s screen is displayed.
Execute actions Review the actions below, and click 'Exec	ute' to perform the ones you checked.
Upgrade Database	
Server: [LTSQL2005\SQL2000]; Datab	ase: [SHK_HASP_MAX_51006]; Version 5.12.01 SF
C	nange Credentials
TimeKeeper SQL Components	
Install TimeKeeper SQL at folder C:\IBrr	owseNibrw tksal
Accept default settings	C Specify custom folder

Back

the server using the **Specify custom folder** command.

Next

It is possible to change the directory folder of TK Programs to another location on

The program has identified that the DB has already been updated. Therefore,

Cancel

3.

Upgrade the iBrowse site

updating (a second time) is optional.

15



😍 Synerion Upgrade					
Execute actions Review the actions below, and click 'Execute' to perform the ones you checked.					
Upgrade Database					
Server: [LTSQL2005\SQL2000]; Dat	tabase: [SHK_HAS	P_MAX_51006]; Ve	ersion 5.12.01 SP02		
SQL authentication, user ad					
Change Gredentials					
TimeKeeper SQL Components					
Install TimeKeeper SQL at folder C:\I	Browse\ibrw_tksq	\bmp			
C Accept default settings Specify custom folder					
Browse web site and server components (version 5.10.06)					
Upgrade the iBrowse site					
	Back	Next	Cancel		

4. Click Next. The Execution report location screen is displayed.



- From this screen, it is possible to change the default destination of the execution reports. To do this, use the **Browse** mechanism.
- 5. If you selected Specify custom folder in <u>Step 3</u>, the **TimeKeeper settings** screen will display.

🕙 Synerion Upgrad	2	_ 🗆 🗙
TimeKeeper se You may change th	ettings ne folder where TimeKeeper will be installed.	Ð
Installation folder:	C:\\Browse\ibrw_tksql\bmp	Browse
	Back	Next Cancel



- From this screen, it is possible to change the directory folder of TK Programs to another location on the local machine.
- <u>Important</u>: you must perform the following actions manually:
 - Delete the old TK Programs folder: C:\IBrowse\ibrw_tksql
 - Update iBrowse.ini in the new location of TK Programs: C:\Tksql



6. Click **Next**. The **Ready to upgrade Synerion Products** screen is displayed. This screen provides a summary of all actions to be performed during the Upgrade procedure.

🚱 Synerion Upgrade				
Ready to upgrade Synerion Click 'Upgrade' to start executing the up upgrade settings. Click 'Cancel' to exit th	Products grade; click 'Back ne wizard.	' to change any of yo	bur 🕑	
TimeKeeper will be installed	L		<u> </u>	
Default settings will be used.				
The command is: msiexec.exe /i "\\Rdsql-serv\Tk- Set\Tksql\TKB4QA_Folders\INSTALL_PROGRAMS\2011_Installer\Wrapper\cd\tk\TKSQL SERVER=LTSQL2005\SQL2000 DBNAME=SHK_HASP_MAX_51006 PARAM=C26175DA6590BC33BB7BD9C6A608EB9BBF28CFF9BB102345A0FA7D7205ED5E TKINSTALLDIR=C:\IBrowse\ibrv_tksql /lv*x "C:\Documents and Settings\SHUKI\My Documents\tksql_install_23_06_2012_10\$52\$24.log" /qr				
The iBrowse installation will	be upgraded	d		
•				
	Back	Upgrade	Cancel	

7. Click **Upgrade**. Two progress screens inform you of the progress of the upgrade, by component.



😍 Synerion Upgrade	_ 🗆 X
Upgrading the chosen components Please wait while the Synerion TimeKeeper SQL/iBrowse Upgrade Wizard perform the actions that you chose.	C
Building list of steps to execute.	~
Stopping COM+ application icClock	~
Installing TimeKeeper	~
Restarting COM+ application icClock	~
Upgrading iBrowse	<>
Writing execution report	
Elapsed time: 00:04:37	
Estimated remaining time: Less than 3 minutes	
Back. Next	Cancel

SP_IBrowse_Only - InstallShield Wizard	×
Setup Status	
SP_IBrowse_Only is configuring your new software installation.	
Installing	
C:\\SPIBrowse\ibrw_web\AnnualScreen\annualscreen_pre.aspx	
teste 100 testa	
Instaliomenu -	Cancel

	IBrowse Ver	sion 5.12.01 SP02 28/0	6/2012		
	IBrowse Path	Сору	Register	COM+	Status
•	C:\IBrowse\ibrw_web				
	C:\IBrowse\ibrw_obj	V			
_			_	_	
_					



- 8. Upon completion, the **Finish** screen is displayed.
 - Successful Upgrade:



• To view the logs, click **View Log**. The **Execution Report** opens.

Synerion TimeKeeper S	QL/iBrowse Upgrade Wizard Execution Report - Windows Internet Explorer
○ ○ ○ [2] C:\Docum	ents and Settings\SHUKI\My Documents\SynerionUpgrade_23_06_2012_08\$50\$15.html
File Edit View Favorite	rs Tools Help
🖕 Favorites 🛛 👍 🙋 Web	o Slice Gallery ▼
<i> Synerion TimeKeeper SQL</i>	/iBrowse Upgrade Wizard Ex
Server:	LTSQL2005\SQL2000
Database:	SHK_HASP_MAX_51006
Authentication:	: SQL
SQL_PARAM	C26175DA6590BC33BB7BD9C6A608EB9BBF28CFF9BB102345A0FA7D7205ED5BF46A795B6
Database version:	5.12.01 SP02
Execution options	:
 TimeKeeper will The iBrowse site 	be installedusing default settings. e will be upgraded from version 5.10.06
Execution	
 08:51:20 Buildir 08:51:21 Stopp 08:55:50 Instal 08:55:50 Restar 08:58:10 Upgra 	ng list of steps to execute. (actual duration: 00:00:00, estimated 4.5 seconds) ing COM+ application icClock (actual duration: 00:00:01.0312500, estimated 0.5 seconds) ling TimeKeeper (actual duration: 00:04:28.9687500, estimated 300 seconds) rting COM+ application icClock (actual duration: 00:00:00.0312500, estimated 0.5 seconds) ading iBrowse (actual duration: 00:02:19.6406250, estimated 180 seconds)
Successful executi	ion
No errors were detect	ed during the upgrade.
External Tool Log	s
 <u>TimeKeeper inst</u> <u>iBrowse upgrad</u> 	tallation report le report
Done	

• To finish and exit the Setup Wizard, click **Finish** on the Synerion Upgrade screen.



3 TKSQL Workstation Setup Tool

Upon completing a periodic update of the TKSQL system, you must update each workstation with the new version of the TKSQL Workstation software. The latest version of the software is: **TKSQL_5.12.102.0_workstation.msi** (as of the release of the current document).

NOTE: You do not have to run this file on the computer from which you ran Synerion Upgrade.

3.1 Intended Audience

This tool is for authorized IT personnel only.

3.2 Installing via the Installation Wizard

To install via the Installation Wizard:

 On the workstation where you want to install TKSQL Workstation Setup Tool, doubleclick the .msi installation file—TKSQL_5.12.102.0_workstation.msi. The Windows Installer will initialize.

Windows Installer	
Preparing to install	
	Cancel

After it computes space requirements, the **TimeKeeper SQL Setup** installation wizard is displayed.





2. Click Next. The Choose Setup Type screen is displayed.

🕆 TimeKeeper SQL Setup
Choose Setup Type Choose the setup type that best suits your needs
Typical Installs the most common program features. Recommended for most users.
Custom Allows users to choose which program features will be installed and where they will be installed. Recommended for advanced users.
Complete All program features will be installed. Requires the most disk space.
Back Next Cancel

- 3. Click one of the following options:
 - **Typical** Installs TKSQL features plus VB components. For Typical, select this option and go to <u>Step 5</u>.

NOTE: If you are running setup on a machine that has a registered version of TKSQL already installed, the setup will use the existing configuration path. Otherwise, setup will use the default: C:\Program Files\Synerion Systems\TimeKeeper SQL\ or C:\Program Files (x86)\Synerion Systems\TimeKeeper SQL\.

 Custom – select only the components that you want. If so, select this option. The Custom Setup screen is displayed (shown here). For Custom installation, select this option and go to <u>Step 4</u>.



- Complete Installs TKSQL features, VB components, plus HASP driver. If so, select this option and continue to <u>Step 5</u>.
 NOTE: If you are running setup on a machine that has a registered version of TKSQL already installed, the setup will use the existing configuration path. Otherwise, setup will use the default: C:\Program Files\Synerion Systems\TimeKeeper SQL\ or C:\Program Files (x86)\Synerion Systems\TimeKeeper SQL\.
- 4. For **Custom installations**, select one of these options:
 - The option **TimeKeeper SQL Preconditions** installs the **Sentinel HASP Run-Time** and **Visual Basic 6 Run Time** Components.
 - To install both, click Sentinel HASP Run-Time and select Will be Installed on Local Hard Drive.

🙀 TimeKeeper SQL	Setup			
Custom Setup Select the way y	ou want features to be install	ed.		C
Click the icons in	the tree below to change the	way features w	ill be installed.	
	TimeKeeper SQL Preconditions	HASP driv	vers and support	:
	📨 🦳 Will be installed on loca	l hard drive		
	hard drive	ND YOUR		
	🔁 🛛 Feature will be installed	d when required	I	
	× Entire feature will be u	navailable		
•				
				Browse
Reset	Disk Usage	Back	Next	Cancel

 To install only one component, click the component that you are installing and select Will be Installed on Local Hard Drive. For the component that you are not installing, click it and select Entire feature will be Unavailable.

NOTE: The additional options are not applicable at this time.

- The option **TimeKeeper SQL** registers the TKSQL application to the registries of the installation machine.
- To install TKSQL, select Will be Installed on Local Hard Drive (shown here), or
- If you are not installing TKSQL, and you are only installing the precondition components (HASP and/or VB), select **Entire Feature will be Unavailable**.

NOTE: The **Custom** option is the only option that enables you to change the installation path.

 Note that when you click the TimeKeeper SQL node, it displays the installation path according to the TKSQL programs in registration.



👹 TimeKeeper SQL S	etup				
Custom Setup Select the way you	u want features to be installe	ed.			Co
Click the icons in th	ne tree below to change the	way	features w	ill be installed.	
	meKeeper SQL Preconditions Sentinel HASP Run Time Wisuel Desig 6 Runtime meKeeper SQL	e	TimeKeep Systems's solution. This featu your hard	er SQL is Syne s Workforce Ma ure requires 31 I drive.	rion inagement 1MB on
Location:	C:\Program Files (x86)\Syne 5QL\	rion S	5ystems\Ti		Browse
Reset	Disk Usage		Back	Next	Cancel

 If you are running setup on a machine that has a registered version of TKSQL already installed, but wish to change the configuration path, select this option. The current configuration path is shown; use **Browse** to select a different target location. Alternatively, paste the destination location in the **Folder name** field.

🛃 TimeKeeper SQL Setup	X
Change destination folder Browse to the destination folder	I
Look in: Local Disk (C:) Gib99 HELP Logs TK-Set (\\Rdsql-serv) (T:) TAKSHIR	
Eolder name: \\Rdsql-serv\Tk-Set\Tksql\Tkshk\	
	OK Cancel

Click **OK** to return to **Custom Setup** screen; note that the new location is displayed in **Location** at the bottom.



🙀 TimeKeeper SQL 🤅	Setup		_ 🗆 🗙
Custom Setup Select the way yo	u want features to be installed	J.	
Click the icons in t	he tree below to change the w	ay	/ features will be installed.
	meKeeper SQL Preconditions Sentinel HASP Run Time Visual Basic 6 Runtime meKeeper SQL		TimeKeeper SQL is Synerion Systems's Workforce Management solution. This feature requires 114MB on your hard drive.
Location:	\\Rdsql-serv\Tk-Set\Tksql\Tks	hk\	Browse
Reset	Disk Usage		Back Next Cancel

NOTE: To ensure that the path is changed, see <u>Appendix A: Viewing the Updated</u> Path in the Workstation's System Properties.

5. Click Next. The Ready to Install TimeKeeper SQL screen is displayed.

🙀 TimeKeeper SQL Setup			
Ready to install TimeKeeper SC	ĴĹ		C
Click Install to begin the installation. installation settings. Click Cancel to e	Click Back to re exit the wizard.	view or change any o	fyour
	Back	Install	Cancel

6. Click **Install**. The installation process begins. Upon completion, the following screen is displayed.



🙀 TimeKeeper SQL Setup	_ 🗆 🗙
	Completed the TimeKeeper SQL Setup Wizard
	Click the Finish button to exit the Setup Wizard.
Syperior Evolving Human Resources	nto Human Capital
	Back [Eancel

7. Click Finish.



3.3 Distribution via Command Line

NOTE: This procedure is for IT personnel only. Using the following command, IT personnel can upgrade multiple workstations via a single command.

To install via command line (with a log):

• Enter the following into the command line:

C:\WINDOWS\SYSTEM32\MSIEXEC.EXE /i "\\Computer_Name\MSI_Folder\TKSQL_5.12.102.0_workstation.msi" TKINSTALLDIR="\\Computer_Name\TKSQL" /passive /norestart /lv*x "\\Computer_Name\MSI_Folder\Install_workstation.log"

Where:

TKINSTALLDIR= The folder where TKSQL programs will be installed. When passed from the command line, can be a UNC mapping, a network share, or the name of a folder in a local hard drive.

• For additional descriptions of the parameters, from **Start > Run**, enter **MSIEXEC.EXE**.



4 Appendix A: Consistent Versioning (Upgrade Tool)

4.1 Maintaining consistent versioning across all workstations

At the conclusion of a Complete Upgrade, you must install the same version of TKSQL on every TKSQL workstation. It is not necessary to repeat the installation for each workstation. IT personnel can propagate the compatible installation using the command line **Active Directory**.

For example, the installation of a workstation compatible with SP02 5.12.01 from 28/06/2012: **TKSQL_5.12.102.0_workstation.msi**. You do not have to run this file on the computer from which you ran Synerion Upgrade.

4.2 Expired version error

• When you use an older version of the Upgrade Tool, you receive the following error message:

Synerion TimeKeeper SQL/iBrowse Upgrade Wizard	×
This version of the tool expired on 31/05/2012. Please contact your dealer to obtain a more recent version.	
ОК	



4.3 Notices of failure

•

- The system notifies you that the upgrade has failed.
- If one of the components (DB, TK, IB) has been upgraded to a version more recent than the Upgrade Tool, that component will not be listed on the failure screen. If all components have been upgraded to a version more recent than the version of the Upgrade Tool, you will receive the following screen:

Synerion Upgrade	
	Newer versions of the software and/or database were found.
	The Upgrade Tool version (5.12.01 SP01) is older than the installed versions: TimeKeeper software: Not installed. iBrowse web site: Not installed. Database: 5.12.01 SP04
Synerio Evolving Human Resources	s into Human Capital
	Back Finish Cancel

• When TKSQL and iBrowse systems are installed on the same machine and there is a conflict between the DB definitions, as defined in TKSQL.INI and iBrowse.ini, you will





receive the following scre	en:
🕙 Synerion Upgrade	
	Synerion TimeKeeper SQL/iBrowse Upgrade Wizard was interrupted.
	Discordant database/server settings in file iBrowse.ini and D:\TKSQL\TKSQL.INI were detected: LTSQL2005\SQL2000 - SHK_HASP_MAX_51006 LTSQL2005\SQL2000 - SHK_HASP_MAX,
Synerion Evolving Human Resources into Hum	nan Capital.
	Back Finish Cancel

4.4 Failure to locate configuration files

1. If the Upgrade process cannot locate TKSQL.INI or iBrowse.ini (also, Supp.xml under C:\WINDOWS), the Upgrade Tool will request connection information to connect to the DB. In this case, TK Programs will not be updated.

🕙 Synerion Upgrade		
Connection Info Edit the information	prmation required to connect to the database during the upgrade.	Co
Server \ Instance:	LTSQL2005\SQL2000	Browse
Use Windows Aut	hentication	
User Name	ad	
Password	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Database:	SHK_HASP_MAX_51006	•
	Back Next	Cancel

a. Enter the correct connection information in the Connection Information dialog.





b. Click **Next**. The **Execute actions** screen will display.

🚯 Synerion Upgrade 📃 🔲 🗙
Execute actions Review the actions below, and click 'Execute' to perform the ones you checked.
Upgrade Database
Server: [LTSQL2005\SQL2000]; Database: [SHK_HASP_MAX_51006]; Version 5.10.06
SQL authentication, user ad
Change Credentials
J
Back Next Cancel

 Click Next. The TKSQL version will be updated by the MSI in the next available place in the registry of the workstation from which the command was issued: HKEY_LOCAL_MACHINE\SOFTWARE\Synerion Systems\TimeKeeper SQL

or in a 64-bit system: HKEY LOCAL MACHINE\SOFTWARE\Wow6432Node\Synerion Systems\Tim

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Synerion Systems\TimeKeeper SQL



5 Appendix B: Errors/Failures (Workstation)

The following conditions will produce failures in the update procedure:

• If you attempt to install a workstation on a machine where the full MSI is already installed (or vice versa), the update procedure will fail. In such a case, you will receive the following error message:

Window	s Installer
8	Another version of this product is already installed. Installation of this version cannot continue. To configure or remove the existing version of this product, use Add/Remove Programs on the Control Panel.
	OK

- If the installation of one of the components fails—for example, of the HASP—the entire update procedure will fail.
- In the **Installation** procedure, the VB component stored in the **system32+SysWOW64** folder will not be updated.
- In the **Uninstall** procedure, the VB component stored in the **system32+SysWOW64** folder will not be removed.
- **Environment Variables** updating the path to TK folders in the variable PATH of System Variables and adding the new variable TKSQLPATH .

System Properties		x
Computer Name Hardw	are Advanced System Protection Remote	
Environment Variable	s X	
Liser variables for SH		
Edit System Variab	le 🗙	
Variable name:	Path	
Variable value:	hell\v1.0\ <mark> </mark> \\Rdsql-serv\Tk-5et\Tksql\Tkshk\	
System variables		
Variable	Value 🔺	
Path	C:\Windows\system32;C:\Windows\Sys	
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;	
PROCESSOR_A	AMD64	
PROCESSOR_ID	Intel64 Family 6 Model 44 Stepping 2, G 🗾	
	New Edit Delete	
·		Fi
	OK Cancel	L



System Properties		X
Computer Name Hard	ware Advanced System Protection Remote	
Environment Variables		×
Edit System Variable		
Variable name: Variable value:	TKSQLPATH \\Rdsql-serv\Tk-Set\Tksql\Tkshk\]	
	OK Cancel	
System variables		
Variable	Value 🔺	
TKSQLPATH	\\Rdsql-serv\Tk-Set\Tksql\Tkshk\	
TMP	C:\Windows\TEMP	
USERNAME	SYSTEM	
windir	C:\Windows	
_	New Edit Delete	
	OK Cancel	┙┝┙