

LifeCheck V5 Getting Started Guide

The purpose of this guide is to detail the initial steps which should be performed in order to ensure a smooth and speedy installation of LifeCheck V5 and its pre-requisites onto your PC and corporate network.

Overview

LifeCheck is a client/server type application. The **LifeCheck** client is a Windows .NET application which should be installed on each PC which will be used to view or maintain product lifing data.

The **LifeCheck** client application may be downloaded from the Trenchant Technologies web site or alternatively may have been provided to you on DVD. If downloading the client software, please consult Trenchant Technologies, Ltd for details of the latest release available.

The client utilizes standard Microsoft Windows installation technologies to install the software onto the client PC and only requires the target folder to be confirmed (or an alternate folder to be specified). The following section contains a step-by-step description of the installation process.

The Server portion of **LifeCheck** is implemented via an instance of Microsoft SQL Server 2014 or higher. Either the commercial or the free version of Microsoft SQL Server may be utilized and will typically be installed on a Server within your network. If using the free version of SQL Server, this may be downloaded directly from the Microsoft Web Site. We recommend Microsoft SQL Server 2014 Express (With Tools). The following link was correct at the time of creation of this document :-

<https://www.microsoft.com/en-gb/download/details.aspx?id=42299>

Installation of the LifeCheck Client

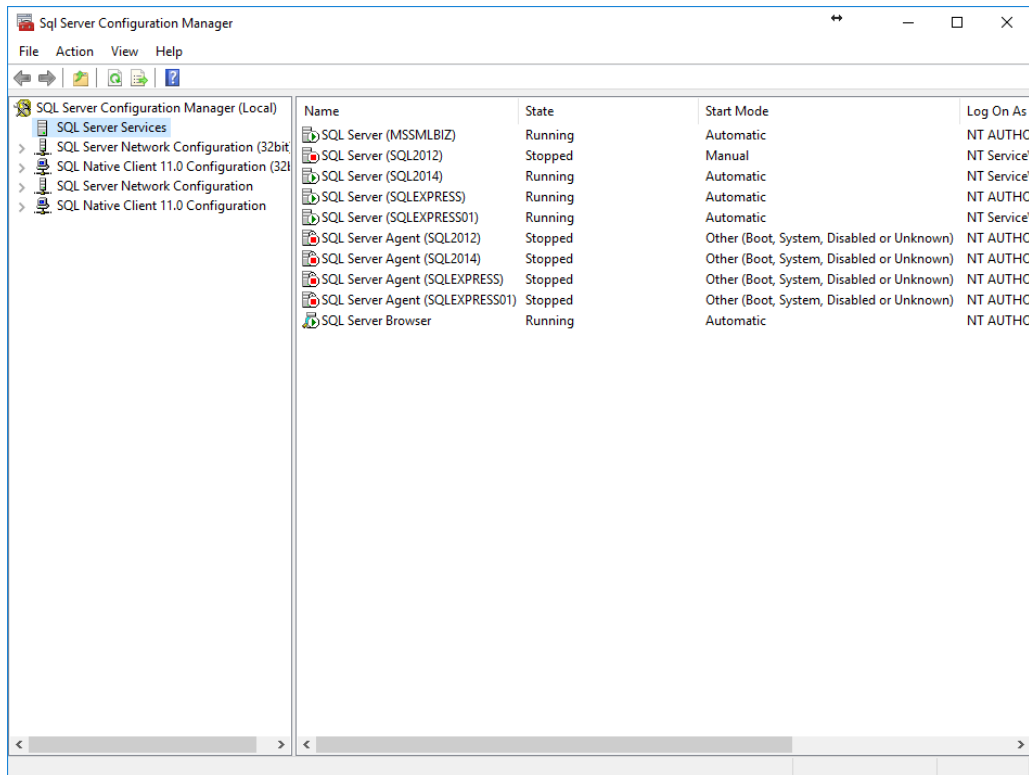
To begin the installation process, double-click the installation file downloaded or otherwise obtained above. The installation procedure will start automatically and is a largely automated process requiring only the installation folder to be either accepted or entered. By default LifeCheck will install to **C:\Program Files (x86)\LifeCheck v4**. It is recommended that this is left as the default.

The LifeCheck Server Component

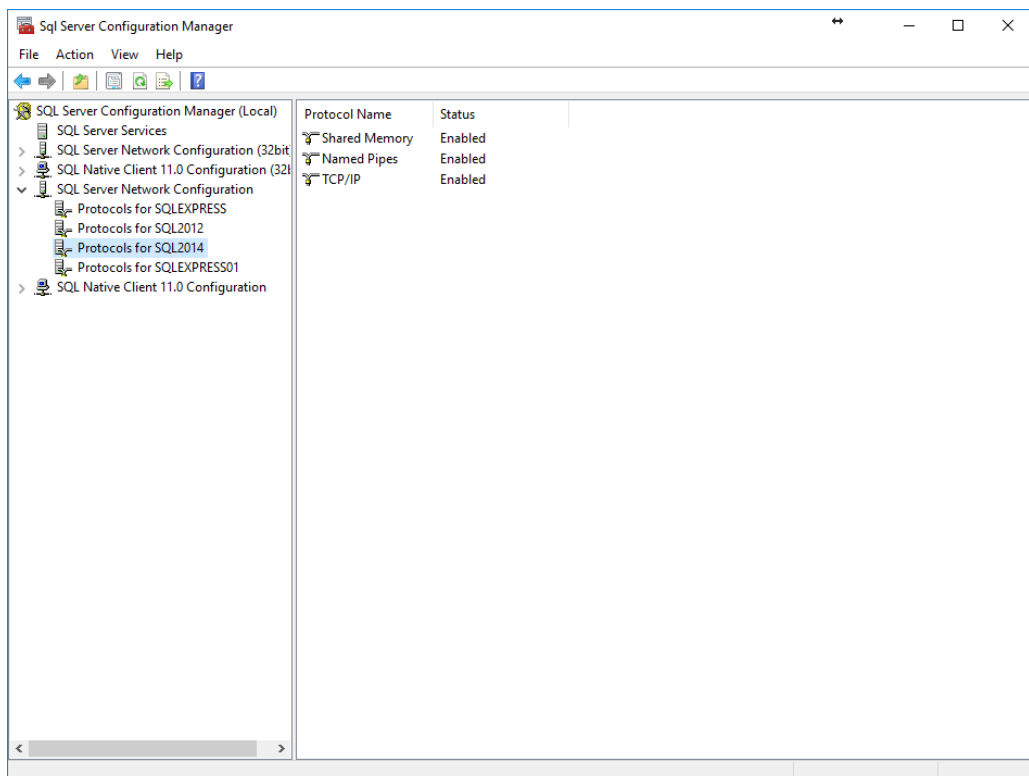
As explained previously, Microsoft SQL Server acts as the server component for LifeCheck and stores all of the component lifing data within a database named **lifecheckv4**. You may either install a new instance of SQL Server for use by LifeCheck or make use of an existing instance if one is available on your network. LifeCheck has been tested against Microsoft SQL Server 2005, 2008, 2008 R2, 2012, 2014 and 2016. Where possible it is recommended to use the latest available version of SQL Server.

The actual installation of SQL Server is beyond the scope of this document - please see your network administrator to determine whether an existing SQL Server instance is available for use by LifeCheck or whether a new instance will need to be installed. It is important to note however that when installing SQL Server it should be configured to use **Mixed Mode** authentication allowing SQL Server users and passwords to be specified. In addition, the SQL Server instance should be configured to be accessible within the Local Area Network.

Additional post-installation configuration of SQL Server should be performed by a network administrator using the SQL Server Configuration Manager (Enterprise Manager in earlier versions of SQL Server)



In the above screen shot, the LifeCheck database is located on the SQL2014 instance of SQL Server running on the local machine. Note that the SQL Server browser is enabled and active this allows remote discovery of the SQL Server instance by client PCs. The SQL Server instance should also be configured to allow network access. This again is done from within the SQL Server Configuration Manager by selecting **SQL Server Network Configuration** in the left hand pane.



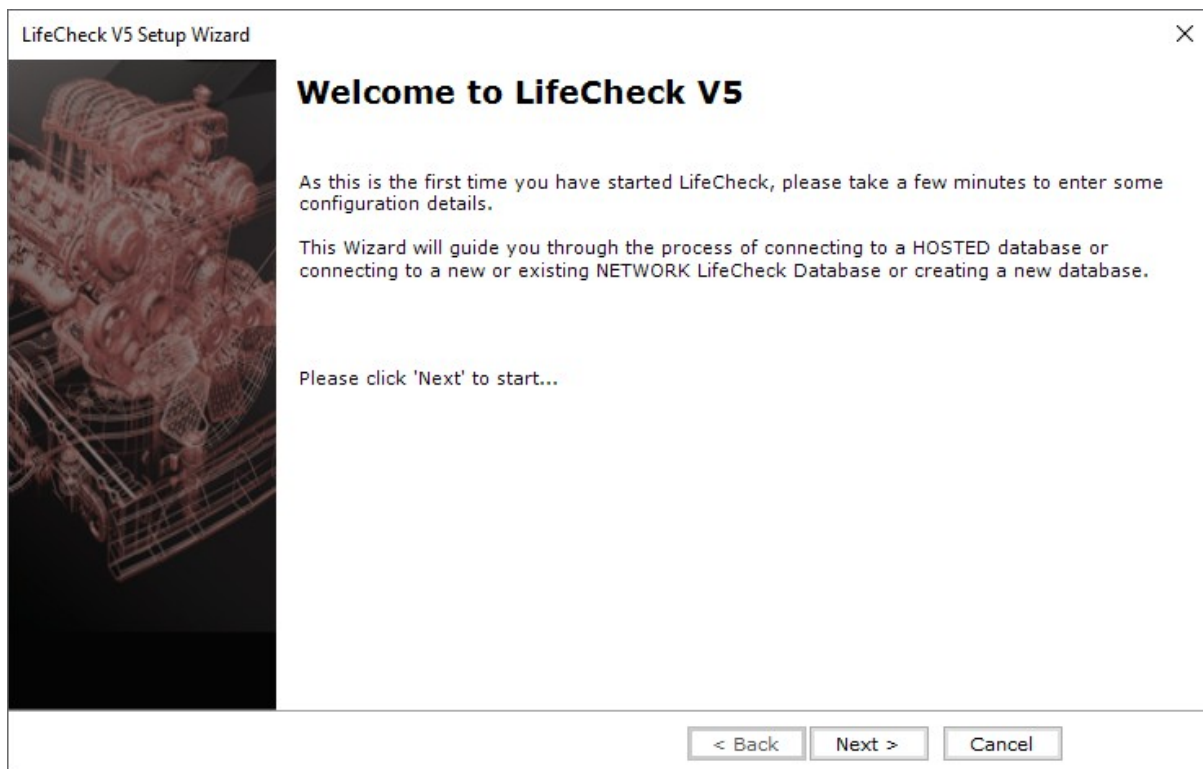
Running LifeCheck for the First Time

Before **LifeCheck** can be used fully it must be activated. If you do not activate **LifeCheck**, it will run in a limited, evaluation mode and will only allow you to create a limited number of parts within the database. There may also be a time limit on your evaluation period depending on whether or not you have been given an extended evaluation key. Please contact Trenchant Technologies, Ltd to obtain details of your license.

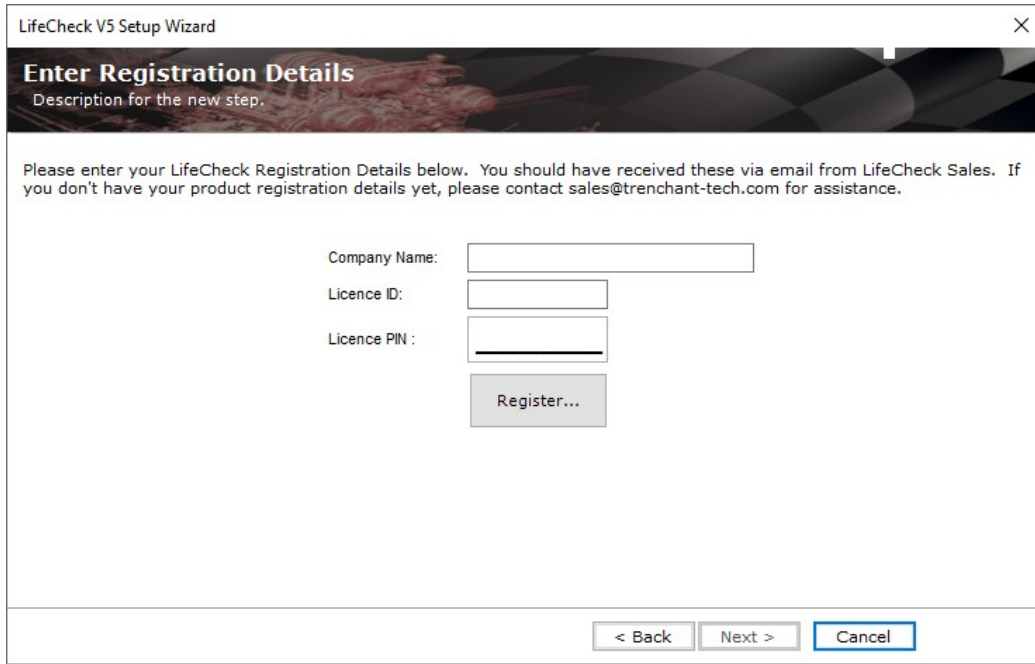
Activating **LifeCheck** can be done either from the License Details start-up screen or by clicking Activate on the **About LifeCheck** screen within the product. When unlicensed the screen shown below will appear each time LifeCheck is started and will give details of the license restrictions and allow you to enter the license details directly.

Enter your registered company name, Company ID and Product Key into the appropriate fields and click **Register**. If your key is not accepted, carefully check the values entered. The key comprises of 5 groups of 5 alphanumeric characters. To avoid confusion, the key will always be all upper case and will not contain the letters 'l' or 'O' or the digits '1' or '0'.

The first time **LifeCheck** is started it will enter a special mode which allows for a new database to be created or for a connection to be established to an existing **LifeCheck** database. The following wizard will be displayed - this will guide you through the process of configuring a connection to an existing Microsoft SQL Server instance, creating a blank database and initialising the system.



Click **Next** to continue the following screen will be displayed :-



The screenshot shows the 'Enter Registration Details' window of the LifeCheck V5 Setup Wizard. The window has a title bar with 'LifeCheck V5 Setup Wizard' and a close button. The header area has a dark background with the title 'Enter Registration Details' and a subtitle 'Description for the new step.'. The main content area contains a paragraph of instructions: 'Please enter your LifeCheck Registration Details below. You should have received these via email from LifeCheck Sales. If you don't have your product registration details yet, please contact sales@trenchant-tech.com for assistance.' Below this are three input fields: 'Company Name:', 'Licence ID:', and 'Licence PIN :'. A 'Register...' button is positioned below the 'Licence PIN' field. At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'.

LifeCheck V5 Setup Wizard

Enter Registration Details

Description for the new step.

Please enter your LifeCheck Registration Details below. You should have received these via email from LifeCheck Sales. If you don't have your product registration details yet, please contact sales@trenchant-tech.com for assistance.

Company Name:

Licence ID:

Licence PIN :

Register...

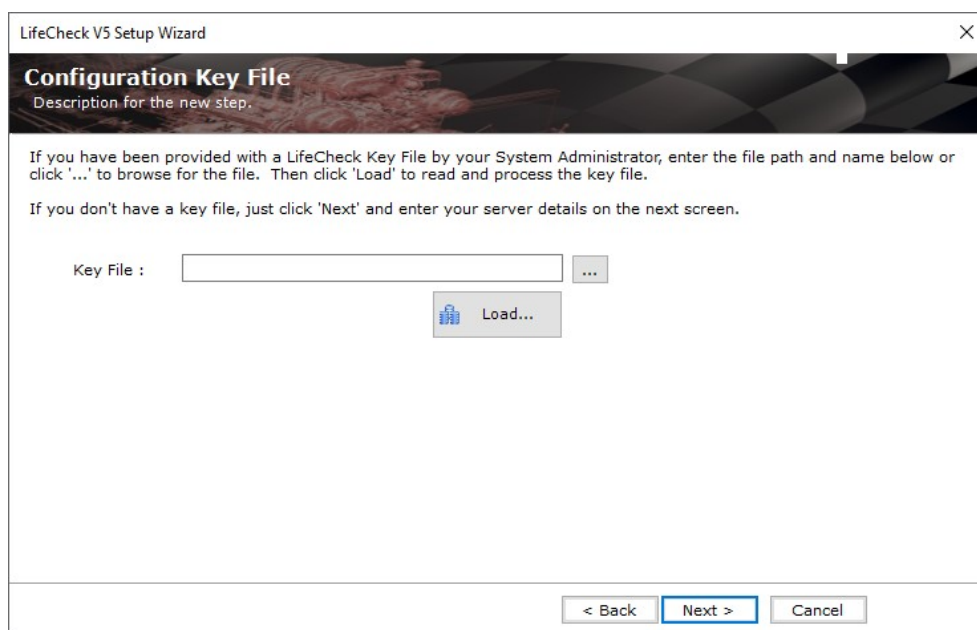
< Back Next > Cancel

Enter the Company and Licence details which should have been sent to you via email on processing your order. If you do not have these details, please contact LifeCheck Support before proceeding.

If you are re-installing LifeCheck, in most cases the licence details will have been saved and this screen will; not be displayed.

After entering the licence details, click **Register...** if all details have been entered correctly, LifeCheck will display a message indicating that your licence key has been downloaded, If you get any other message, first check the licence details entered match exactly those sent to you and if correct contact LifeCheck support for assistance.

Click **OK** to confirm the 'Success' message and then **Next** to proceed to the next stage where you can select a 'Key File' if one has been created for you by your system administrator on another PC.



The screenshot shows the 'Configuration Key File' window of the LifeCheck V5 Setup Wizard. The window has a title bar with 'LifeCheck V5 Setup Wizard' and a close button. The header area has a dark background with the title 'Configuration Key File' and a subtitle 'Description for the new step.'. The main content area contains two paragraphs of instructions: 'If you have been provided with a LifeCheck Key File by your System Administrator, enter the file path and name below or click '...' to browse for the file. Then click 'Load' to read and process the key file.' and 'If you don't have a key file, just click 'Next' and enter your server details on the next screen.' Below this is a 'Key File :' label followed by a text input field and a browse button ('...'). A 'Load...' button is positioned below the input field. At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'.

LifeCheck V5 Setup Wizard

Configuration Key File

Description for the new step.

If you have been provided with a LifeCheck Key File by your System Administrator, enter the file path and name below or click '...' to browse for the file. Then click 'Load' to read and process the key file.

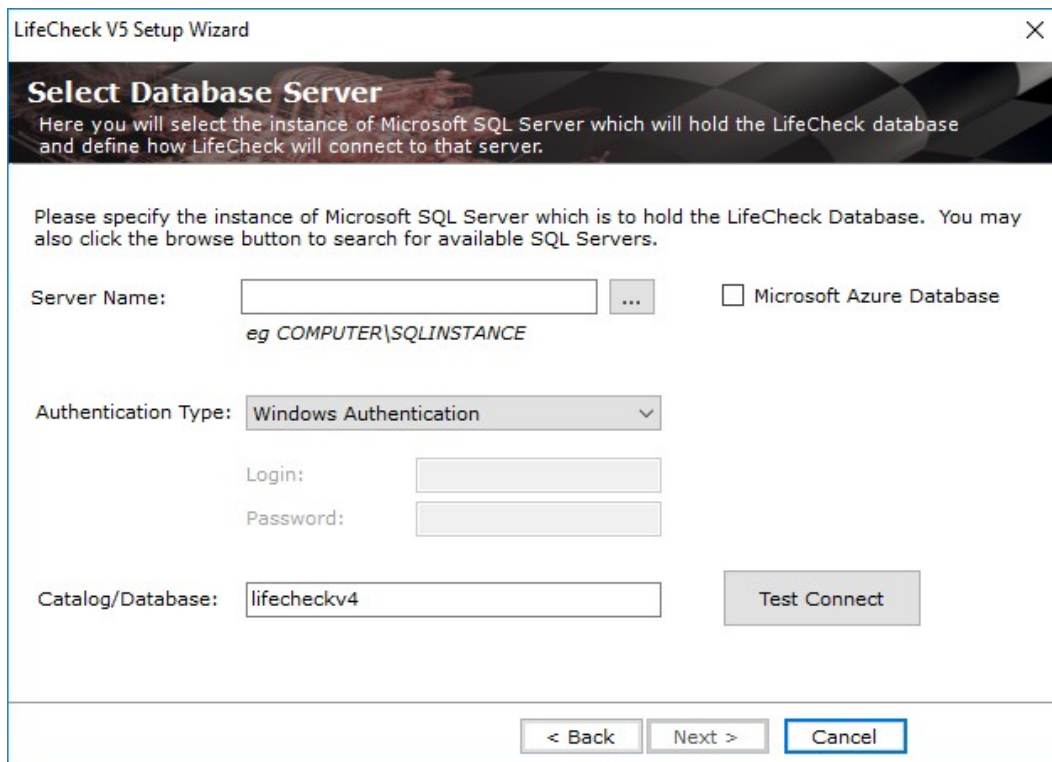
If you don't have a key file, just click 'Next' and enter your server details on the next screen.

Key File : ...

Load...

< Back Next > Cancel

If you do not have a key file simply click **Next** to skip that step. If you do have a key file, click ... to browse for the file and then **Load** to load and validate the file. Key files pre-define the details requested on the following screen.



The screenshot shows the 'LifeCheck V5 Setup Wizard' window with the title 'Select Database Server'. Below the title is a subtitle: 'Here you will select the instance of Microsoft SQL Server which will hold the LifeCheck database and define how LifeCheck will connect to that server.' The main instruction reads: 'Please specify the instance of Microsoft SQL Server which is to hold the LifeCheck Database. You may also click the browse button to search for available SQL Servers.' The form includes a 'Server Name' field with a browse button (...), a checkbox for 'Microsoft Azure Database', an 'Authentication Type' dropdown set to 'Windows Authentication', 'Login' and 'Password' fields, a 'Catalog/Database' field containing 'lifeccheckv4', and a 'Test Connect' button. At the bottom are '< Back', 'Next >', and 'Cancel' buttons.

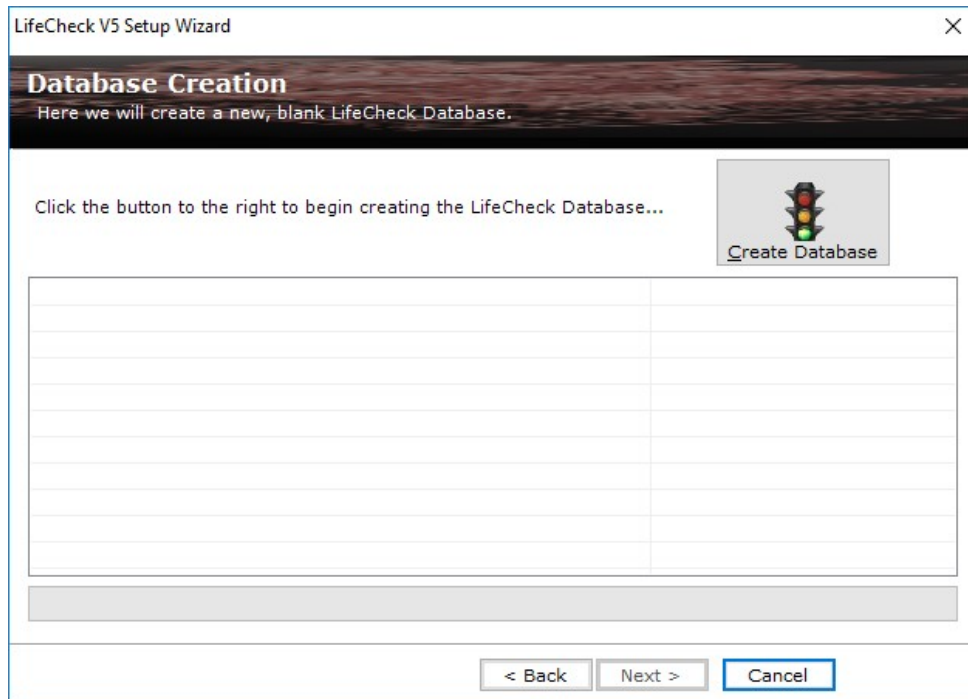
Enter the name of the SQL Server instance that either holds or is to hold the LifeCheck database. You may also click '...' to browse for any network visible SQL Server instances noting that not all instances will be displayed depending on how they have been configured.

Select whether to use SQL Server or Windows authentication and in the case of the former enter the SQL Server user and password to use. If you are unsure of the required SQL Server details, please consult your system administrator. Where a dedicated instance of SQL Server has been created for sole use by **LifeCheck**, you may wish to specify the 'sa' user here to ensure that there will be no problems with permissions further down the line.

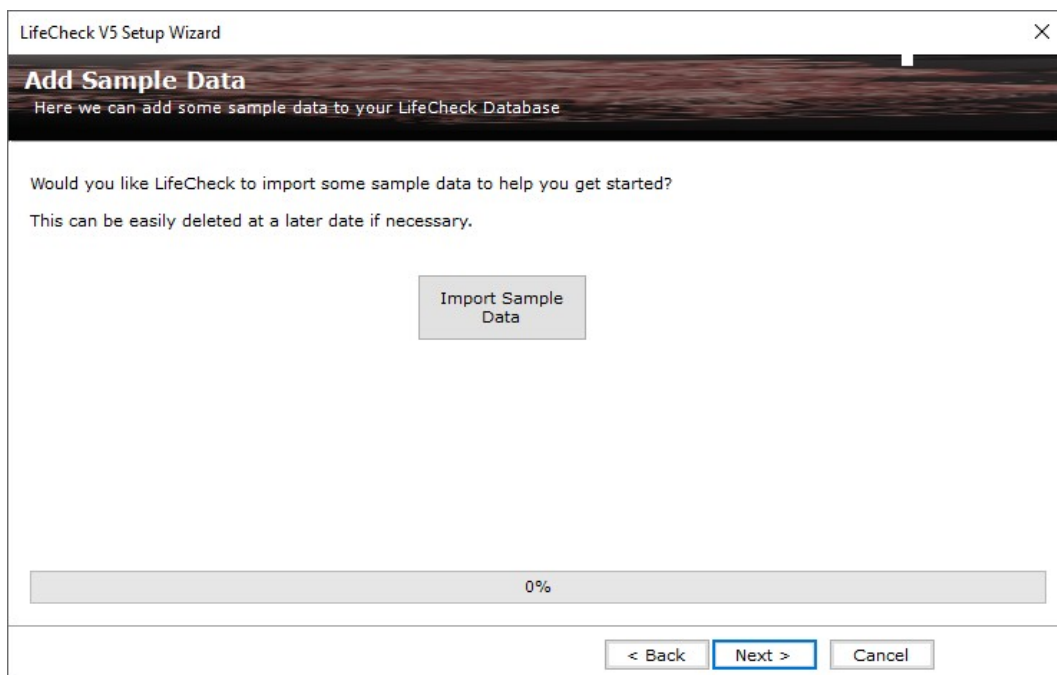
For shared installations however, you may want to consider creating a 'lifeccheck' user within SQL Server. Note however that this user will need unrestricted access to the 'lifeccheck' database and must also have the necessary permissions to create database and to add stored procedures to the master database.

Click **Test Connect** to test the connection details entered. If the connection was successful, click **Next** to continue. If the connection was successful, but **LifeCheck** detected an existing LifeCheck database on the specified server, you will be given the opportunity to select this database and connect to it. If a connection is made to an existing LifeCheck database, the wizard will skip to the finish screen.

If an existing database was not found, the following window will be displayed:

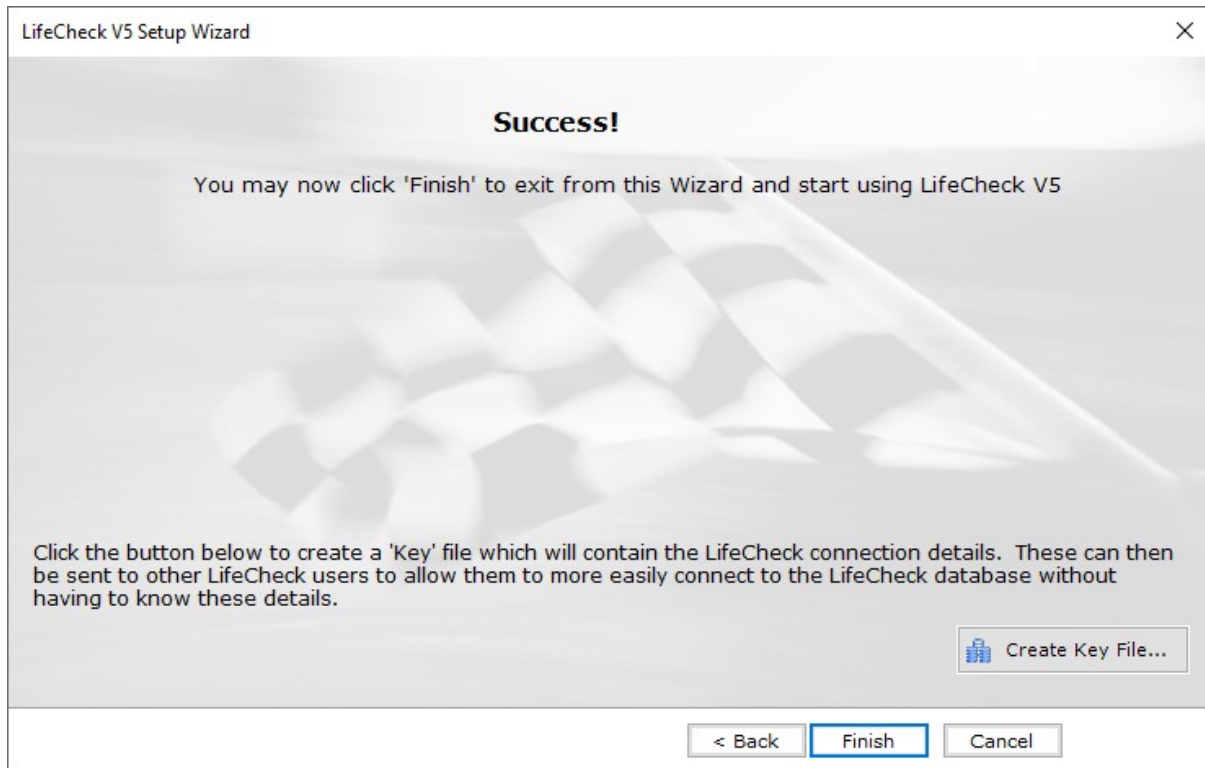


Click 'Create Database' to begin the process of creating a new, blank LifeCheck database. There are multiple stages to this process and progress through these stages will be displayed on screen. If any errors occur, please contact LifeCheck support for assistance with details of any error(s) displayed, otherwise click **Next** to continue and display the following window.



On this window you can optionally import some sample data into your new LifeCheck database to help you get acquainted with the system. Note that if you do import sample data you will have to later delete it once you are ready to begin using LifeCheck to manage your actual inventory!

The final screen of the Wizard allows the creation of a 'Key File' – this contains the database connection details as entered previously and may be passed to other users to simplify the connection of their LifeCheck system to the database as they do not need to know the details of the server.



On exit from the Start-up Wizard you will be asked to login. Initially you may want to login as the default **Admin** user which will have no password set. Please refer to the **LifeCheck User Guide** for further information on how to use **LifeCheck**.