



# **Stellar Toolkit for MS SQL**

User Guide for version 10.0

# 1. About Stellar Toolkit for MS SQL

**Stellar Toolkit for MS SQL** is a collection of following software:

- [Stellar Repair for MS SQL](#)
- [Stellar Backup Extractor for MS SQL](#)
- [Stellar Converter for Database](#)
- [Stellar Log Analyzer for MS SQL](#)
- [Stellar Password Recovery for MS SQL](#)

## **2. Getting Started**

2.1. Installation Procedure

2.2. Launching the Software

2.3. User Interface

2.4. Ordering the Software

2.5. Activating the software

2.6. Stellar Support

## 2.1. Installation Procedure

Before beginning the installation procedure, make sure that the computer meets the minimum system requirements.

### Minimum System Requirements:

- **Processor:** Intel-compatible (x86, x64)
- **Memory:** 32 GB (Recommended) 16 GB (Minimum)
- **Hard Disk:** 250 MB for installation files s
- **MS SQL Server:** MS SQL Server 2019, MS SQL Server 2017, MS SQL Server 2016, MS SQL Server 2014, MS SQL Server 2012, MS SQL Server 2008 R2, 2008, 2008 (64 bit), 2008 Express, MS SQL Server 2005, 2005 (64 bit), 2005 Express, MS SQL Server 2000, 2000 (64 bit), 7.0 and mixed formats
- **Operating system:** Windows Server 2019 / 2016 / 2012 / 2008 / 2003 and Windows 10 / 8.1 / 8 / 7.

### To install the software, follow the steps:

1. Double-click on **Setup Installer** dialog box is displayed.
2. Click **Next** to continue. **License Agreement** dialog box is displayed.
3. Select **I accept the Agreement** option. Click **Next**.
4. Specify the location where the installation files are to be stored. Click **Next**.
5. Select the folder where the files are to be stored. A default folder is suggested in the box. Click **Browse** to select a different location. Click **Next**.
6. In the **Select Additional Tasks** dialog box, select check boxes as per your choice. Click **Next**.
7. Review your selections. Click **Back** if you want to make any change. Click **Install** to start installation. The Installing window shows the installation process.
8. After completion of the process, Click **Finish** on **Setup installer** dialog box.

**Note:** Clear **Launch Setup Installer** check box to prevent the software from launching automatically.

## 2.2. Launching the Software

To launch Stellar Toolkit for MS SQL in Windows 10:

- Click **Start** icon -> **All apps** -> **Stellar Toolkit for MS SQL** -> **Stellar Toolkit for MS SQL** Or,
- Double click **Stellar Toolkit for MS SQL** icon on the desktop. Or,
- Click **Stellar Toolkit for MS SQL** tile on the home screen.

To launch Stellar Toolkit for MS SQL in Windows 8.1 / 8:

- Click **Stellar Toolkit for MS SQL** tile on the home screen. Or,
- Double click **Stellar Toolkit for MS SQL** icon on the desktop.

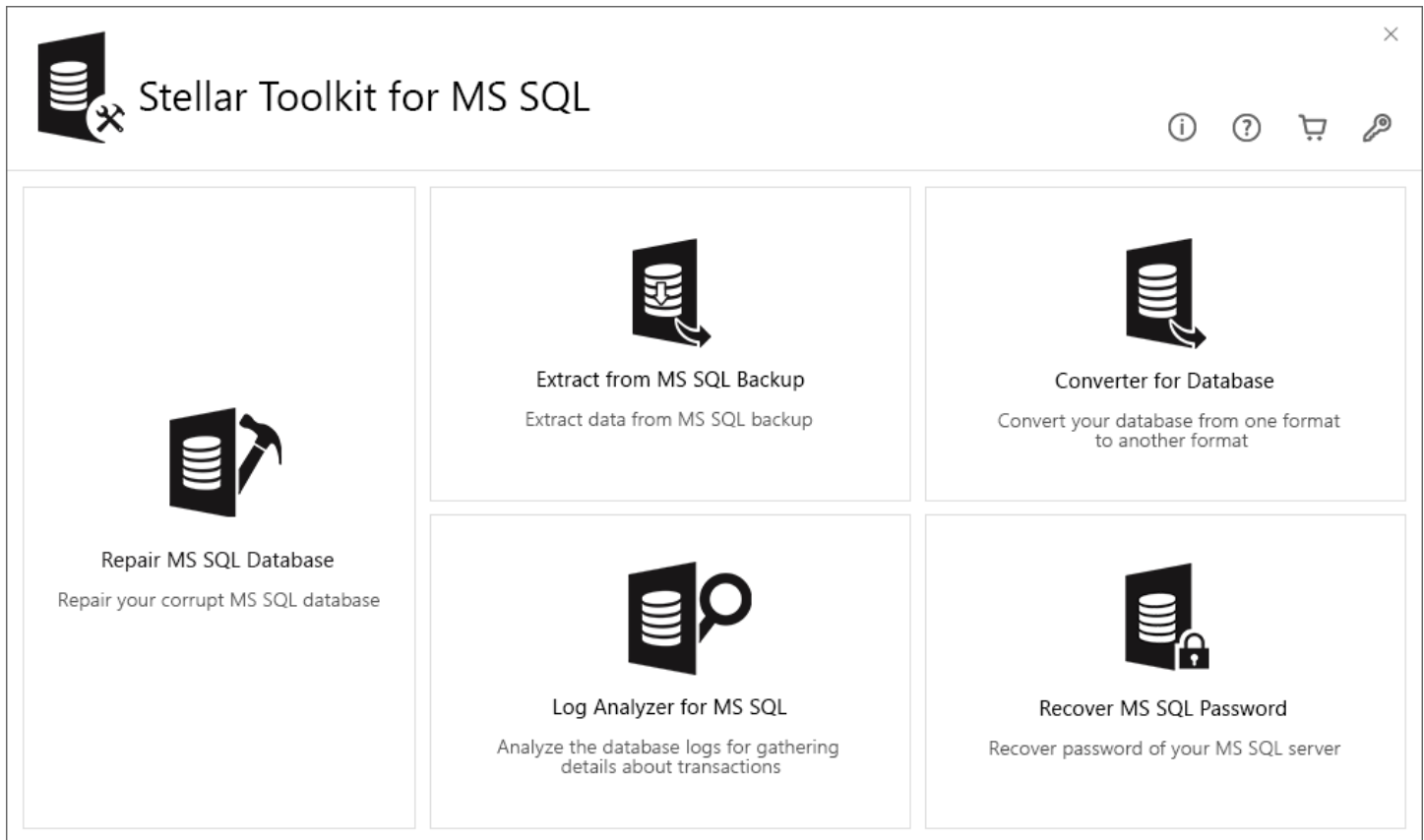
To start the application, do one of the following in Windows 7:

- Click **Start** -> **All Programs** -> **Stellar Toolkit for MS SQL** -> **Stellar Toolkit for MS SQL**. Or,
- Double click the **Stellar Toolkit for MS SQL** icon on the desktop. Or,
- Click **Stellar Toolkit for MS SQL** icon in Quick launch.

## 2.3. User Interface

**Stellar Toolkit for MS SQL** software has a very easy to use Graphical User Interface. The user interface contains features required for complete recovery of corrupt MS SQL Server (MDF) files, recovery of corrupt MS SQL Backup (.bak) files, recovery of the password of MS SQL (master.mdf) file of the database.

After launching the program, you will see the main user interface as shown below:



## Buttons

Following buttons are present on the main user interface of **Stellar Toolkit for MS SQL** software:



Click this button to read more information about the software.

**About**



Click this button to activate the software after purchasing.

**Activate**



Click this button to buy the software.

**Buy**




Click this button to open the help manual for **Stellar Toolkit for MS SQL**.

**Help**

## 2.4. Ordering the Software

Click <https://www.stellarinfo.com/sql-database-toolkit.php> to know more about **Stellar Toolkit for MS SQL**.

To purchase the software online, please visit <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>

Alternatively, click  on the main user interface to buy the software online.

Select either of the methods given above to purchase the software.

Once the order is confirmed, a serial number will be sent to you through e-mail, which would be required to activate the software.



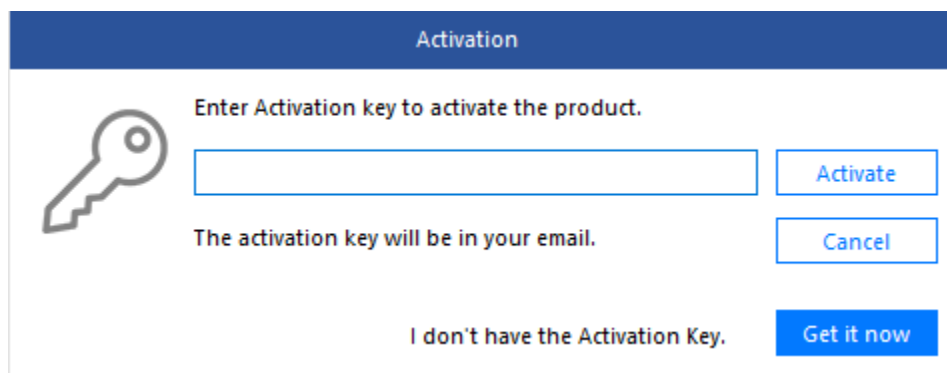
## 2.5. Activating the Software

The demo version is just for evaluation purposes and must be eventually registered to use the full functionality of the software. The software can be registered using the **Activation Key** that you receive via email after purchasing the software.

### To activate the software:

1. Run the demo version of **Stellar Toolkit for MS SQL**.

2. Click  on the main user interface. The **Activation** window is displayed as shown below:



The screenshot shows a dialog box titled "Activation". On the left is a key icon. The main text reads "Enter Activation key to activate the product." Below this is a text input field. To the right of the input field are two buttons: "Activate" and "Cancel". Below the input field, it says "The activation key will be in your email." At the bottom of the dialog, there is a link "I don't have the Activation Key." and a blue button labeled "Get it now".

3. If you don't have the activation key, click the **Get it now** button in the window to go online and purchase the product.
4. Once the order is confirmed, an **Activation Key** will be sent to the email provided.
5. Type the **Activation Key** (received through email after purchasing the product) and click **Activate** button (Please ensure that you have an active Internet connection).
6. The software will automatically communicate with the license server to verify the entered key. If the key you entered is valid, the software will be registered successfully.
7. The '**Activation Completed Successfully**' message is displayed after the process is completed successfully. Click **OK**.

## 2.6. Stellar Support

Our Technical Support professionals will give solutions for all your queries related to Stellar products.

- You can either call us or go online to our support section at <https://www.stellarinfo.com/support/>
- For price details and to place the order, click <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>
- Chat Live with an **Online** technician at <https://www.stellarinfo.com/>
- Search in our extensive **Knowledge Base** at <https://www.stellarinfo.com/support/kb>
- Submit enquiry at <https://www.stellarinfo.com/support/enquiry.php>
- Send e-mail to **Stellar Support** at [support@stellarinfo.com](mailto:support@stellarinfo.com)



# **Stellar Repair for MS SQL**

**User Guide for version 10.0**

# 1. About Stellar Repair for MS SQL

**Stellar Repair for MS SQL** is designed to repair data from damaged or corrupt Microsoft SQL Server database (MDF files).

Microsoft SQL Server database files (MDF) can get damaged or corrupted due to a number of reasons such as virus attack, unexpected system shutdown, media read error, and so on. Using strong algorithm, Stellar Repair for MS SQL does a complete repair of the corrupt MS SQL database and efficiently repairs almost every bit of information without deleting or modifying original data. Even heavily damaged database can be optimally repaired and restored with this software.

To know common SQL Database corruption errors, causes and resolutions, refer to the Knowledge Base article:

<https://www.stellarinfo.com/support/kb/index.php/article/common-sql-database-corruption-errors-causes-solutions>

After repairing, **Stellar Repair for MS SQL** provides preview of database in a tree structure. User can view the components of selected database and can save desired components.

The software also shows details of ongoing process in a **Log Report** pane. These details can be saved as a text file.

## Key Features:

1. Find option to search items of database while previewing.
2. Option to save repaired database as CSV, XLS and HTML.
3. Option to save repaired database to SQL Server Authentication.
4. Option to recover deleted records.
5. Option to save repaired database to New database, Live database or Other formats such as CSV, XLS and HTML format.
6. Option to save the scan information to resume the repair process at a later stage.
7. Shows preview of database before saving.
8. Supports advanced scan option (for highly corrupted files).
9. Supports Sequence Objects in MS SQL Server.
10. Supports MS SQL Server ROW Compressed data.
11. Supports MS SQL Server PAGE Compressed data.
12. Supports Standard Compression Scheme for Unicode (SCSU) in SQL Server.
13. Recovers Column Row GUID COL Property.

14. Recovers Sp\_addextended Property.
15. Saves non-recovered queries, views, stored procedures, etc. in a text file.
16. Supports automatic recreation of a new database having all the recovered database items.
17. Supports large SQL Server MDF files for all versions.
18. Supports XML data types, XML indexes, SQL Server FILESTREAM data types, SQL Server sparse columns, SQL Server columns set property.
19. Supports separate log report after scanning database.
20. Supports Sorted tables in tree view and generates sorted log report.
21. Supports fast scanning algorithms.
22. Supports Fast saving mode and Standard saving mode.
23. Supports total row count detail in each table for all versions.
24. Supports recovery of Tables, Triggers, Views, Collations, Recovery of Stored Procedure, Synonyms, Functions, Defaults and Default constraints, Primary Keys, Foreign Keys, Unique Keys, Identity, Indexes (Clustered, Non - Clustered indexes), Check constraints, User Defined Data Types, Null / Not null, Predefined defaults, default values, and Rules.
25. Compatible with MS SQL Server 2019, MS SQL Server 2017, MS SQL Server 2016, MS SQL Server 2014, MS SQL Server 2012 R2, 2012, MS SQL Server 2008 R2, 2008, 2008 (64 bit), 2008 Express, MS SQL Server 2005, 2005 (64 bit), 2005 Express, MS SQL Server 2000, 2000 (64 bit), 7.0 and mixed formats.

## 2. About the Guide

This user guide contains sequential steps to assist you through various **Stellar Repair for MS SQL** functions. Each function is explained in detail, in the corresponding topics.

**The guide covers the following major topics:**

1. About Stellar Repair for MS SQL
2. About the guide
3. Getting started
4. Working with the software
5. FAQs

**This guide has the following features for easy navigation and understanding:**

- There are Notes and Tips in some topics of this guide for better understanding and ease of work.  
These *Notes* and *Tips* are given in italics style.

This is a web-based guide and requires an active internet connection. You can read this guide with all popular browsers like Chrome, Firefox, Internet Explorer, and Safari. For the best viewing experience, it is recommended to use the **Chrome** browser.

## **3. Getting Started**

3.1. Installation Procedure

3.2. User Interface

3.3. Activating the Software

3.4. Updating the Software

3.5. Stellar Support

## 3.1. Installation Procedure

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- **Operating System:** Windows Server 2019 / 2016 / 2012 / 2008 / 2003 and Windows 10 / 8.1 / 8 / 7.

### To install the software, follow the steps:

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2. Click **Next** to continue. **License Agreement** dialog box is displayed.
3. Select **I accept the Agreement** option. Click **Next**.
4. Specify the location where the installation files are to be stored. Click **Next**.
5. Select the folder where the files are to be stored. A default folder is suggested in the box. Click **Browse** to select a different location. Click **Next**.
6. In the **Select Additional Tasks** dialog box, select check boxes as per your choice. Click **Next**.
7. Review your selections. Click **Back** if you want to make any change. Click **Install** to start installation. The Installing window shows the installation process.
8. After completion of the process, Click **Finish** on **Setup installer** dialog box.

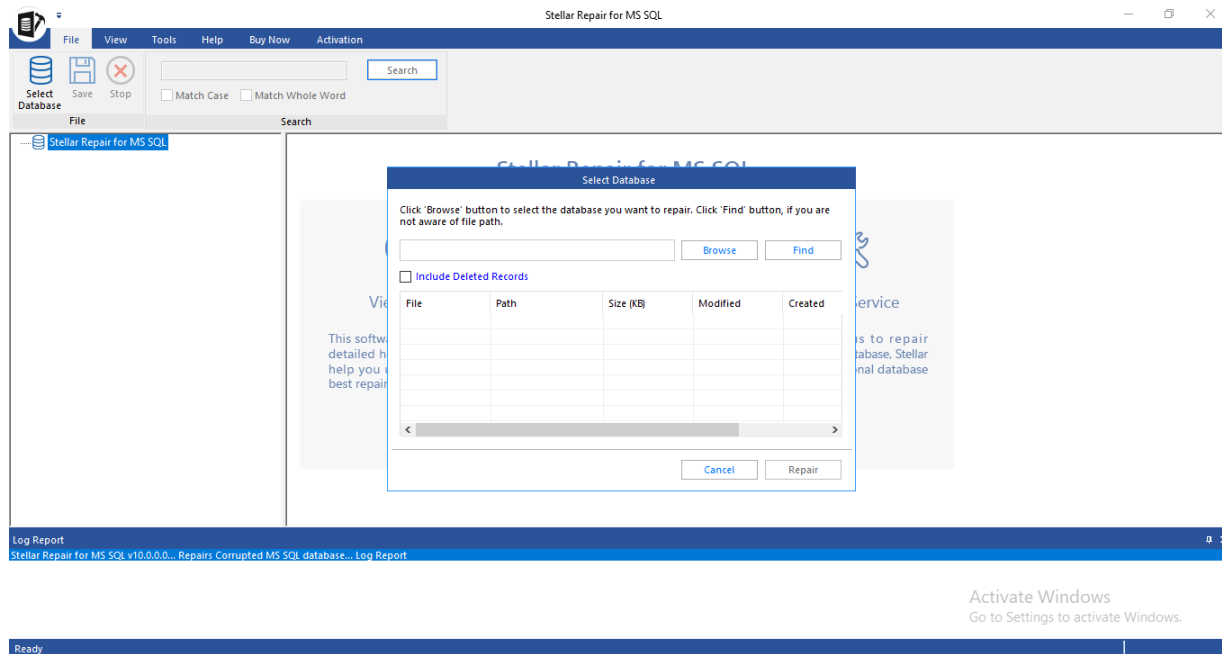
**Note:** Clear **Launch Setup installer** checkbox to prevent the software from launching automatically.



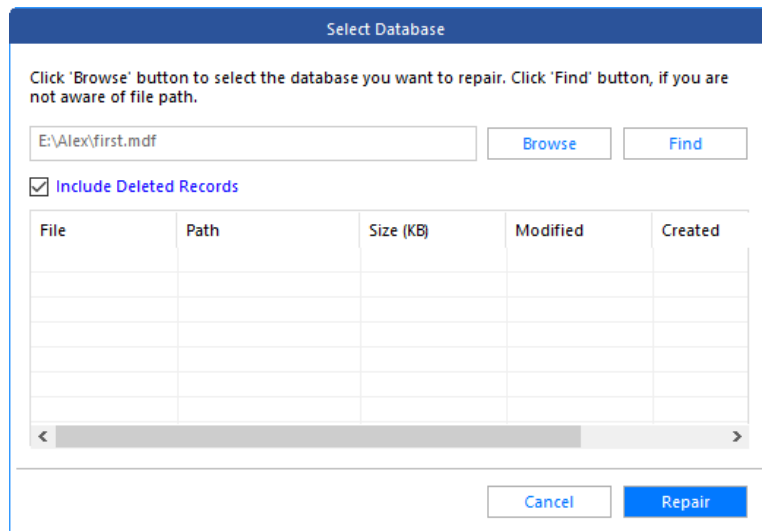
## 3.2. User Interface

**Stellar Repair for MS SQL** has a simple and user friendly interface that lets you access its various feature with ease.

After launching the program, you will see the interface as shown below:



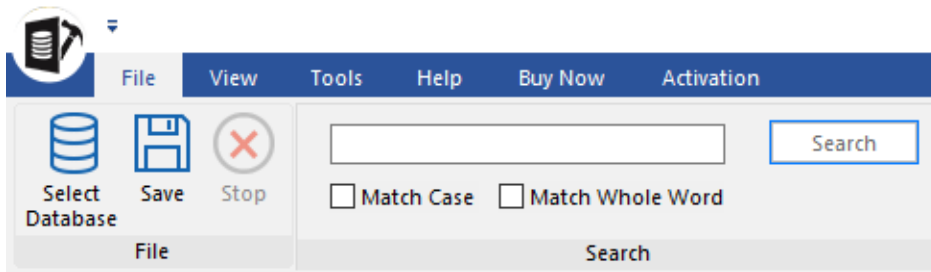
When you start **Stellar Repair for MS SQL**, the Select database dialog box opens as shown below:



The main user interface consists of Ribbons and Buttons

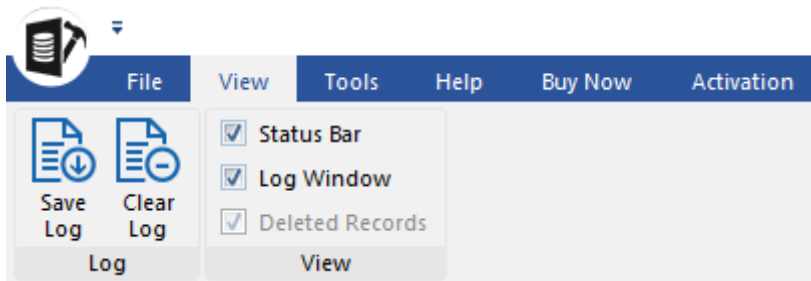
## 3.2.1. Ribbons and Buttons

### 1. File Ribbon



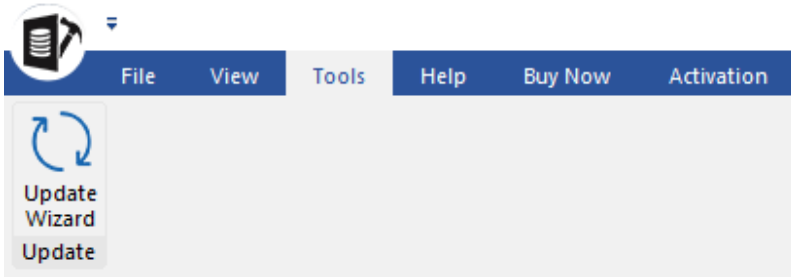
- **Select Database:** Use this option to select the corrupt SQL database for repairing.
- **Save:** Use this option to save the repaired SQL database.
- **Stop:** Use this option to stop the repairing process.
- **Find:** Use this option to find a particular item in the database file while previewing.

### 2. View Ribbon



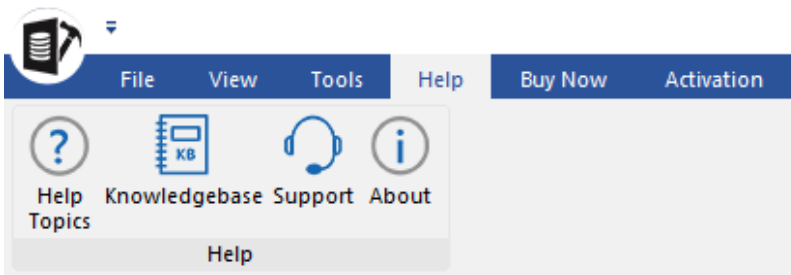
- **Save Log:** Use this option to save the repaired SQL database.
- **Clear Log:** Use this option to clear the log report.
- **View:** Use this option to view or hide the **Status Bar** and **Log Window**.
- **Deleted Records:** Select this check box to show or hide deleted records in the tree view (if found) during the previewing process.

### 3. Tools Ribbon



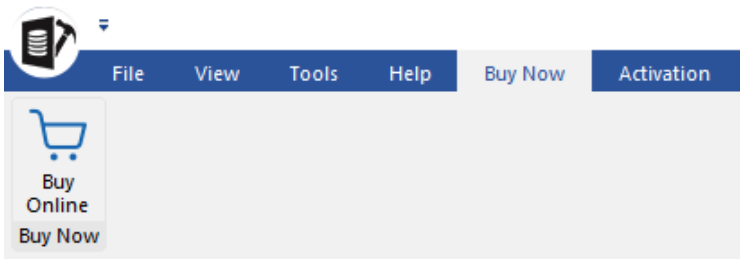
- **Update Wizard** : Use this option to update the software.

### 4. Help Ribbon



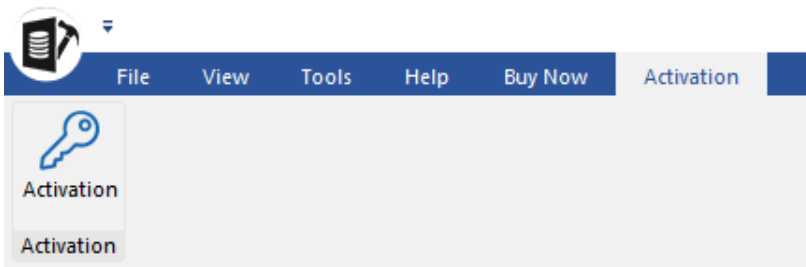
- **Help Topics:** Software is accompanied by a descriptive help document. Use this option to view the help manual for the software.
- **Knowledgebase:** Frequently asked questions and other common queries are available as knowledgebase for your reference and to help you use the software to get the best outcome. Use this option to visit [Knowledgebase](#) articles of [stellarinfo.com](http://stellarinfo.com)
- **Support:** In case you don't find any related content in the help document or on the knowledgebase page that resolves your query, use this option view the [support page](#) of [stellarinfo.com](http://stellarinfo.com) and contact the Stellar customer support.
- **About:** Use this option to read more information about the software.

## 5. Buy Now Ribbon



- **Buy Online:** Use this option to buy **Stellar Repair for MS SQL**.

## 6. Activation Ribbon



- **Activation:** Use this option to activate the software.

## 3.3. Ordering the Software

Click <https://www.stellarinfo.com/sql-database-toolkit.php> to know more about **Stellar Toolkit for MS SQL**.

To purchase the software online, please visit <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>

Alternatively, click on **Buy Online** icon in **Buy Now** ribbon to purchase the software online.

Select either of the methods given above to purchase the software.

Once the order is confirmed, a serial number will be sent to you through e-mail, which would be required to activate the software.

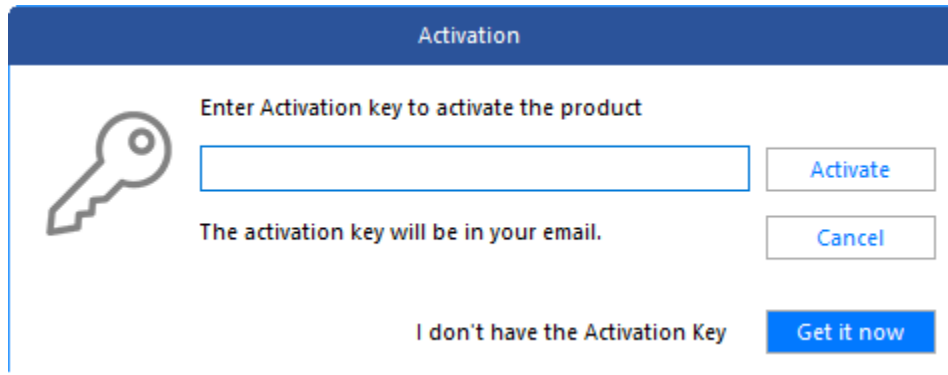
## 3.4. Activating the Software

The demo version is just for evaluation purposes and must be eventually activated to use the full functionality of the software. The software can be activated using the Activation Key that you receive via email after purchasing the software.

**Note:** Make sure that you have an active Internet connection.

To activate the software:

1. Run **Stellar Repair for MS SQL**.
2. Click the **Activation** button on the **Activation** ribbon. A window, as displayed below, pops up on the screen.



Activation

Enter Activation key to activate the product

The activation key will be in your email.

I don't have the Activation Key

Activate

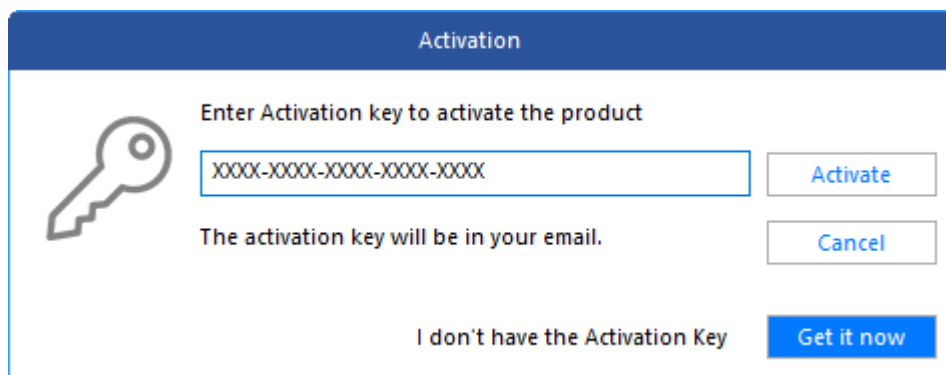
Cancel

Get it now

**Note:**

- If you don't have the **Activation Key**, click **Get it now** button in the window to go online and purchase the product.
- Once the order is confirmed, an **Activation Key** is provided.

3. Enter the **Activation Key** and click **Activate** button.



Activation

Enter Activation key to activate the product

The activation key will be in your email.

I don't have the Activation Key

Activate

Cancel

Get it now

4. The software is activated after successful verification of the **Activation Key** you have entered.
5. **'Activation Completed Successfully'** message is displayed after the process is completed successfully.

Click **OK** to use all the options of the software that have been unlocked after the activation.

**If you receive an error while activating the software, follow and verify the steps given below to fix the issue:**

### **1. Check Installer and Re-enter Activation Key**

Make sure you have downloaded the correct installer. Use the download link given in the email or visit the desired product page to free download the software and then activate it using the code provided on your email.

### **2. Uninstall All Other Versions of the software**

Uninstall any version of the software you may have installed earlier. Then re-install the desired version of the software and activate it.

### **3. Re-Enter the Correct Activation Key Without Blank Spaces**

If copy and pasting the activation key isn't working, try to enter it manually. Sometimes, while copying, you may copy the blank spaces, which can cause software activation failure.

Entering key manually overcomes this issue. Alternatively, you may copy the key from email to notepad and then remove empty space from the beginning and end of the key. Then copy and paste the key in the activation window of the software.

## 3.5. Updating the Software

There are periodical software updates for **Stellar Repair for MS SQL**. Using the update option, you can check for both the latest minor and major version available online. You can easily download the minor and major version through the update wizard. While updating the software, it's recommended to close all the running programs.

### To start Stellar Repair for MS SQL Update Wizard:

1. Run **Stellar Repair for MS SQL** software.
2. Select **Update Wizard** from **Tools** ribbon.
3. **Update Wizard** window pops up.
4. The wizard will start searching for the latest updates and if it finds any new version, a window will pop up indicating the availability an update.
5. Click **Next** and the software will start downloading update files from the server. When the process is complete, the software will updated to the latest version.

### Live Update may not happen due to following reasons:

- Internet connection failure
- Unable to download configuration files
- Unable to locate updated files or version
- Unable to locate executable file



## 3.6. Stellar Support

Our Technical Support professionals will give solutions for all your queries related to Stellar products.

- You can either call us or go online to our support section at <https://www.stellarinfo.com/support/>
- For price details and to place the order, click <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>
- Chat Live with an Online technician at <https://www.stellarinfo.com/>
- Search in our extensive Knowledge Base at <https://www.stellarinfo.com/support/kb>
- Submit enquiry at <https://www.stellarinfo.com/support/enquiry.php>
- Send e-mail to Stellar Support at [support@stellarinfo.com](mailto:support@stellarinfo.com)

## 4. Working with the Software

4.1. Select MS SQL database (MDF) File

4.2. Include Deleted Records

4.3. Select the Scan Mode and Repair MDF files

4.4. Save Scan Information

4.5. Preview and Save MDF Files

4.6. Find Specific Item In Tree

4.7. Save Log Report

### Related Links:

- How to Video: [https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb\\_title](https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb_title)
- Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/how-to-repair-and-restore-sql-server-database>

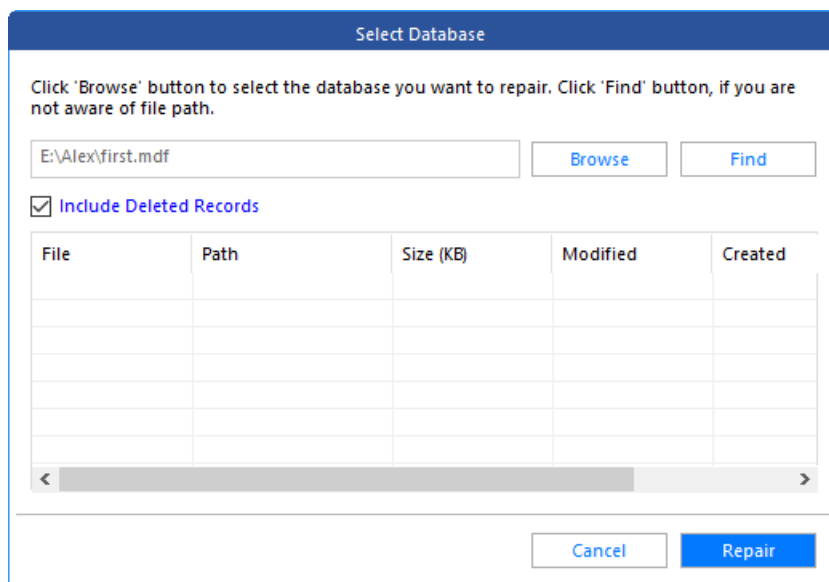
## 4.1. Select MS SQL Database (MDF) File

**Stellar Repair for MS SQL** repairs MS SQL Database (MDF) files and allows you to save to your preferred location. You can also preview the repaired database before saving it. For repairing the file you can either browse and select the corrupt MDF file from the desired location, or if you do not know the path where the corrupt MDF file is placed, you can use the **Find** option.

**To select MDF file:**

**Stellar Repair for MS SQL** allows you to select MS SQL database (MDF) files from your computer for the repairing process.

1. Open **Select Database** dialog box by choosing **Select Database** icon from **File** ribbon.



2. In **Select Database** dialog box, click **Browse**.
3. **Open** dialog box will appear. Browse and select the desired file and then click **Open**.

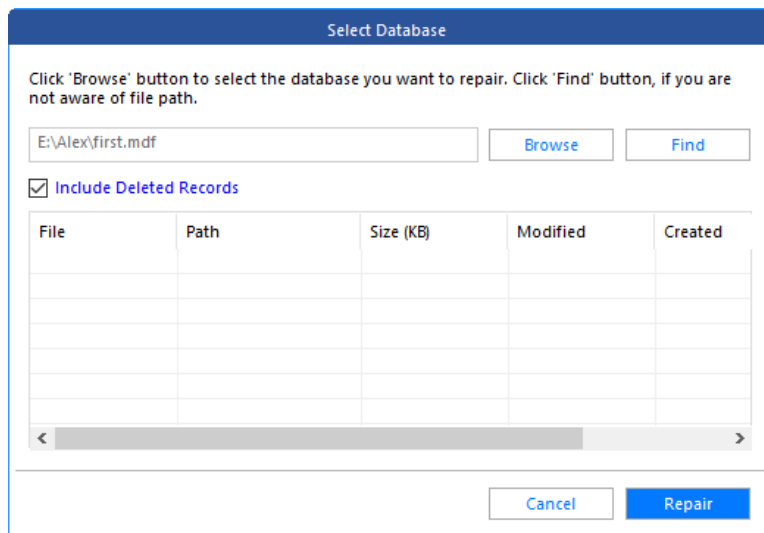
**Note:** Select 'Include Deleted Records' check box to recover deleted records (if found) during the repairing process.

## To find MDF File:

**Stellar Repair for MS SQL** also allows you to search for MS SQL database (MDF) files in your computer. Using **Find** option, you can search for MS SQL Database files in your computer's drives, folders and sub folders. However, you can only select one drive at a time to find for MS SQL Database files.

## To find MDF files in drives, folders and subfolders:

1. Open **Select Database** dialog box by choosing **Select Database** icon from **File** ribbon.



Select Database

Click 'Browse' button to select the database you want to repair. Click 'Find' button, if you are not aware of file path.

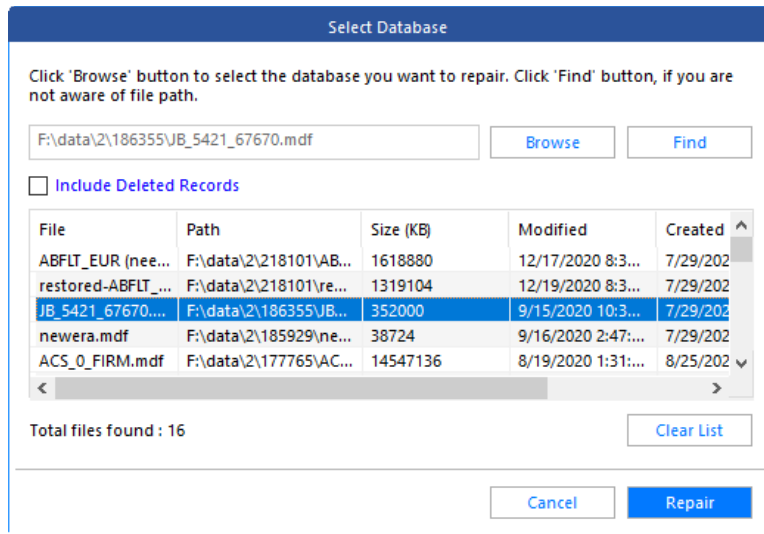
E:\Alex\first.mdf

Include Deleted Records

File	Path	Size (KB)	Modified	Created

2. From **Find** section, select the drive, folder or subfolder you want to search for MDF files. Click **OK**.

3. After the search is finished, a list of MS SQL Database files found in the selected drive and the **total files found** is also displayed in the bottom left corner, as shown below.



4. Select file you wish to repair from this list and click **Repair** button to select the scan mode on the next screen.

**Note:** Select 'Include Deleted Records' check box to recover deleted records (if found) during the repairing process.

**Note:** Click **Clear List** button to clear the search result.

#### Related Links:

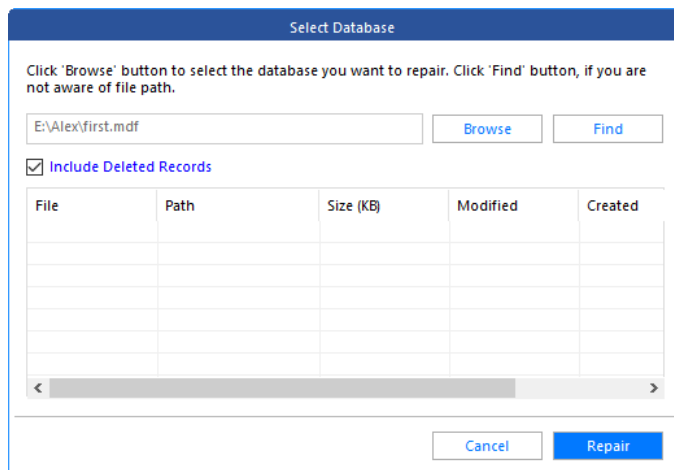
- How to Video: [https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb\\_title](https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb_title)

## 4.2. Include Deleted Records

**Stellar Repair for MS SQL** provides you an option to include deleted records in MS SQL database (MDF) repaired file.

To include deleted records follow the steps given below:

1. Select the file by clicking on the Select Database icon from the File ribbon or from the list of MS SQL Database files found, select the desired file to repair.
2. Select 'Include Deleted Records' check box to recover deleted records (if found) during the repairing process.



Select Database

Click 'Browse' button to select the database you want to repair. Click 'Find' button, if you are not aware of file path.

E:\Alex\first.mdf

Include Deleted Records

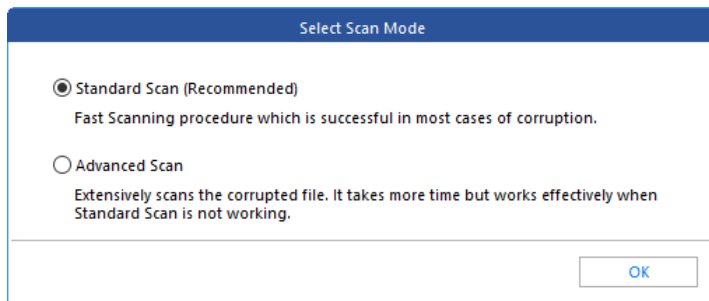
File	Path	Size (KB)	Modified	Created

3. Click Repair to select the scan mode on the next screen.

## 4.3. Select the Scan Mode and Repair MDF Files

To repair MS SQL Database files:

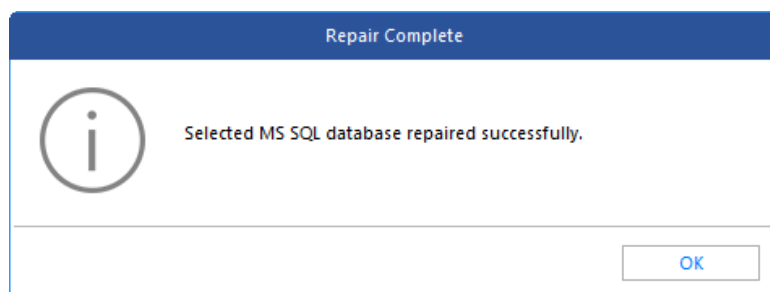
1. After selection of MS SQL Database (MDF) file that you want to repair, click **Repair**. **Select scan mode** dialog box opens. Stellar Repair for MS SQL has two modes for scanning:
  - **Standard Scan (Recommended)** - Select Standard Scan to scan and repair corrupt .MDF files that are not highly corrupted.
  - **Advanced Scan** - Select Advanced Scan to scan the extremely corrupted .MDF files for better and effective results.



2. Click **OK** to start the repairing process. Repairing of the selected files is performed by the tool.

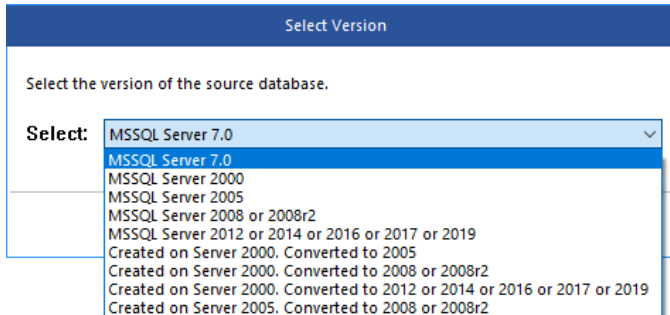
**Note:** The software performs a counting of records present in the database during the repairing process. The time taken in counting depends on the number of records present in the database. You can skip the counting of records to speed up repair process without affecting the repair results.

3. After the completion of repairing process, a message appears indicating the successful completion of the process.

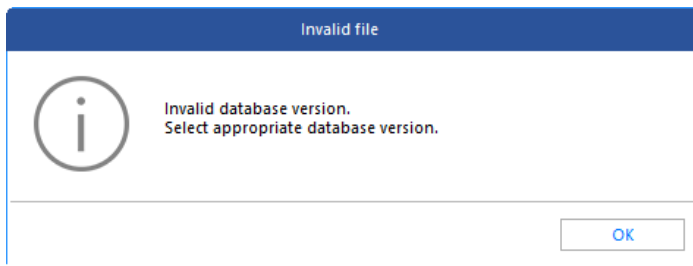


**Note:**

- *If the selected database file is heavily corrupted and application is unable to detect the database file version, then you can select the database version manually from the dialog box that appears as shown below:*



- *If in case you select invalid version of the database file, then a message prompts on the screen indicating the inappropriate version of file.*



- *To proceed to the repairing process, you need to select the appropriate version.*

**Related Links:**

- How to Video: [https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb\\_title](https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb_title)



## 4.4. Save Scan Information

**Stellar Repair for MS SQL** saves a scan information of the MS SQL Database (MDF file) at the time of repairing. This saved scan information can be used later to repair corrupt database in case you wish to repair the database file again.

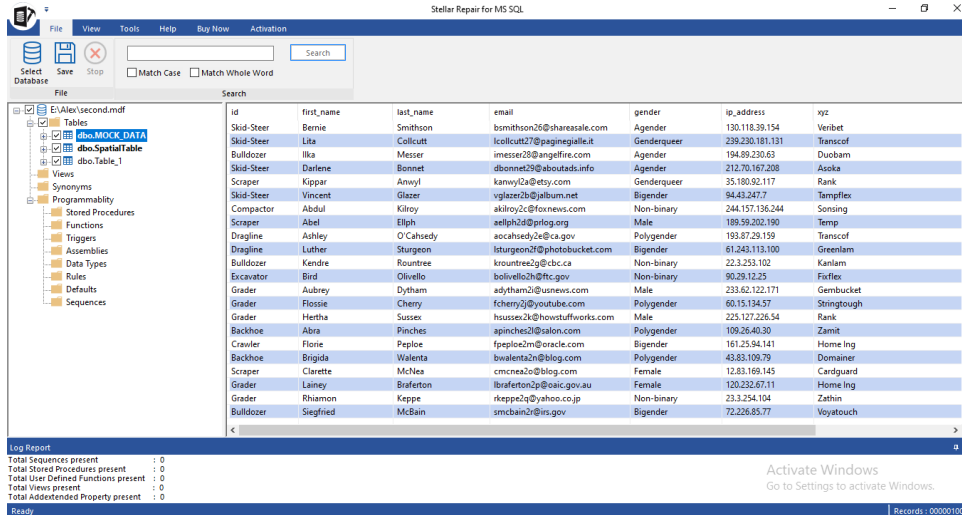
Using a scan information saves time, since scanning of each database file does not take place. All files and folders shown after scan process can be viewed as we load the saved scan information created for that particular scan. You can resume recovery by selecting the saved scan information without scanning the database again.

### To Repair Database using scan information

1. You will be prompted to use the saved scan information for selected database.
2. Click **Yes** if you want to repair using the existing saved scan information.
3. Click **No** if you want to repair using selected database itself.

## 4.5. Preview and Save MDF Files

After you complete the repairing process successfully, **Stellar Repair for MS SQL** shows preview of corrupted database files. The left pane displays list of items (Tables, Views, Synonyms, Defaults, Data Types and more) in a tree like structure, upper right pane displays the contents of the item selected in the tree view and bottom pane shows message log. A sample screen is displayed below:



By default, all the check boxes of the tree view are selected. You can click on the item in the tree view to preview its content.

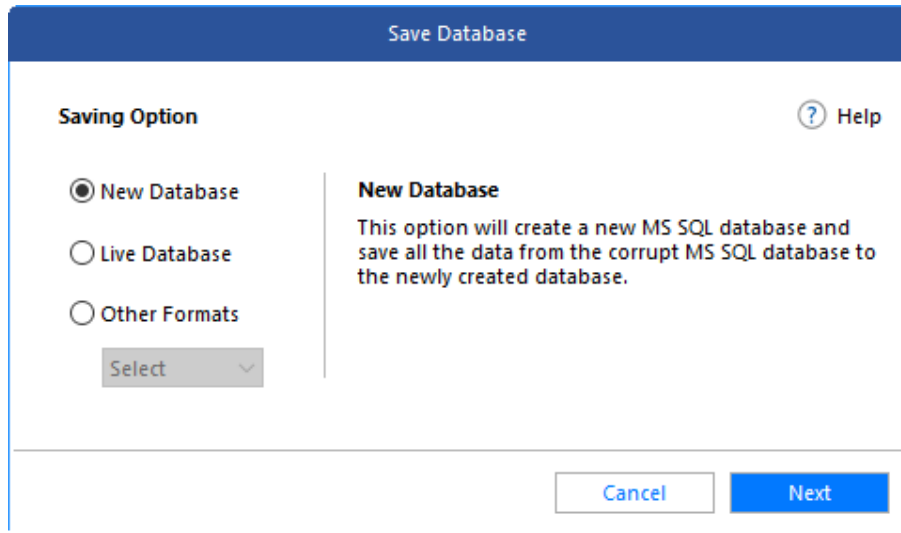
**Note:** The software performs a counting of records present in the database after repairing process is completed. The time taken in counting depends on the number of records present in the database. You can stop the counting of records to speed up repair process without affecting the repair results.

**To save the repaired file to MS SQL database:**

- After the repairing process gets completed, click **Save** option from **File** ribbon.
- Specify whether you want to save the repaired database in **New Database, Live Database or Other formats** such as CSV, XLS or HTML format by selecting the appropriate radio button.
  - a) Saving Repaired Database as New Database
  - b) Saving Repaired Database as Live Database
  - c) Saving Repaired Database in Other formats

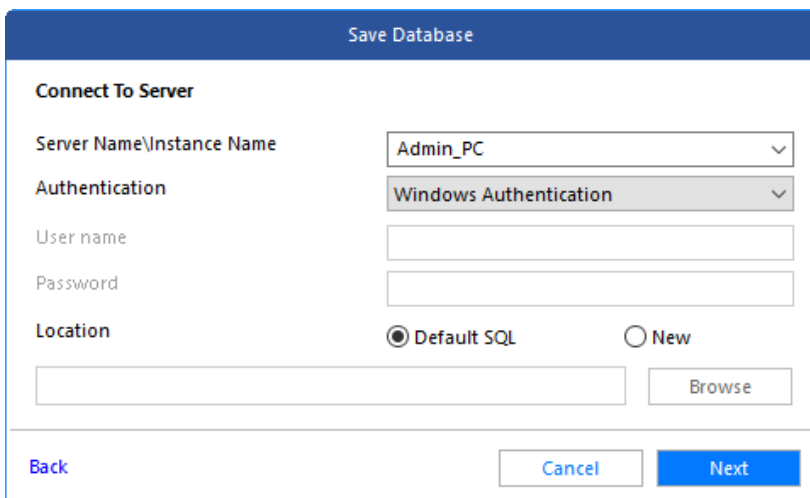
To save the repaired database as a completely New database, follow the steps mentioned below:

1. Select **New Database** radio button from **Saving option** in **Save Database** dialog box.



The screenshot shows a dialog box titled "Save Database". Under the "Saving Option" section, the "New Database" radio button is selected. To the right, a description for "New Database" reads: "This option will create a new MS SQL database and save all the data from the corrupt MS SQL database to the newly created database." At the bottom, there are "Cancel" and "Next" buttons.

2. Click **Next**. A **Connect to Server** dialog box appears.
3. Enter **Server Name/Instance Name**.
4. Choose the Authentication method from the drop down list to connect the server:
  - a. If the authentication method selected is Windows Authentication, you need not enter any user name and password:



The screenshot shows a dialog box titled "Connect To Server". The "Server Name\\Instance Name" is set to "Admin\_PC". The "Authentication" method is set to "Windows Authentication". There are empty fields for "User name" and "Password". The "Location" is set to "Default SQL". At the bottom, there are "Back", "Cancel", and "Next" buttons.

- b. If the selected authentication method is SQL Server Authentication, enter the server user name and password:

The screenshot shows the 'Save Database' dialog box with the 'Connect To Server' section. The 'Server Name\Instance Name' dropdown is set to 'Admin\_PC'. The 'Authentication' dropdown is set to 'SQL Server Authentication'. The 'User name' text box contains 'Alen'. The 'Password' text box contains ten dots. The 'Location' section has two radio buttons: 'Default SQL' (selected) and 'New'. Below the radio buttons is an empty text box and a 'Browse' button. At the bottom, there are three buttons: 'Back' (a link), 'Cancel', and 'Next'.

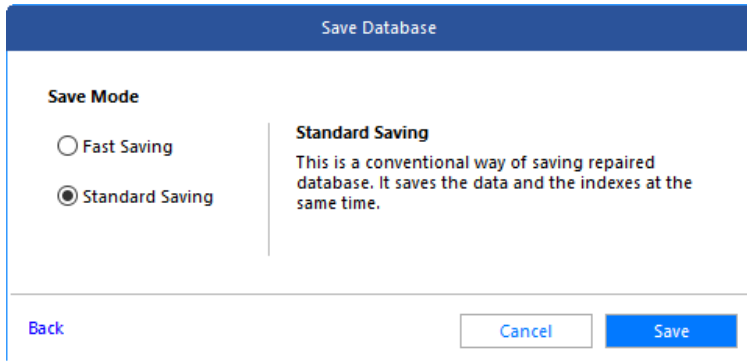
5. Select the Location from **Default SQL** or **New** for saving the repaired MDF file.
- a. If you have selected the Location as **New**, click **Browse** to select the folder where you want to save the repaired file.

The screenshot shows the 'Save Database' dialog box with the 'Connect To Server' section. The 'Server Name\Instance Name' dropdown is set to 'Admin\_PC'. The 'Authentication' dropdown is set to 'Windows Authentication'. The 'User name' and 'Password' text boxes are empty. The 'Location' section has two radio buttons: 'Default SQL' and 'New' (selected). Below the radio buttons is a text box containing 'D:\' and a 'Browse' button. At the bottom, there are three buttons: 'Back' (a link), 'Cancel', and 'Next'.

6. Click **Next**. Select the **Save Mode** option and click **Save** to continue the process.
- a. If you want to save large database, select **Fast Saving** radio button.

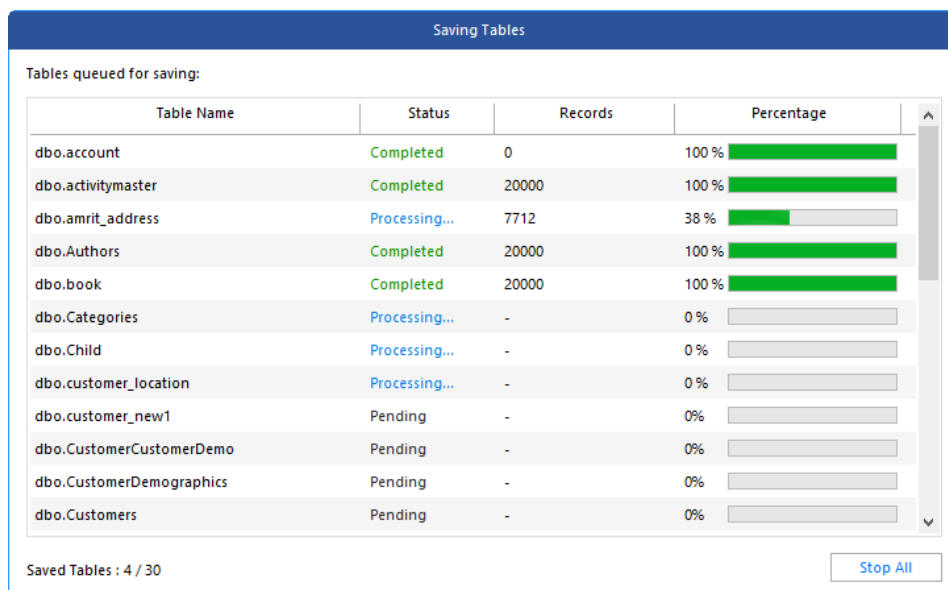
The screenshot shows the 'Save Database' dialog box with the 'Save Mode' section. There are two radio buttons: 'Fast Saving' (selected) and 'Standard Saving'. To the right of the radio buttons is a text box with the following text: 'Fast Saving This saving option is advisable for large databases. It saves the data first and then saves indexes.' At the bottom, there are three buttons: 'Back' (a link), 'Cancel', and 'Save'.

- b. If you want to save the data and indexes at the same time, select **Standard Saving** radio button.



The 'Save Database' dialog box features a 'Save Mode' section with two radio buttons: 'Fast Saving' and 'Standard Saving'. The 'Standard Saving' option is selected. To the right, a text box explains that 'Standard Saving' is a conventional way of saving a repaired database, saving both data and indexes simultaneously. At the bottom, there are three buttons: 'Back', 'Cancel', and 'Save'.

7. Click **Save** button to save the repaired MS SQL Database file.
8. **Saving Tables** dialog box appears that consists of four columns as follows:



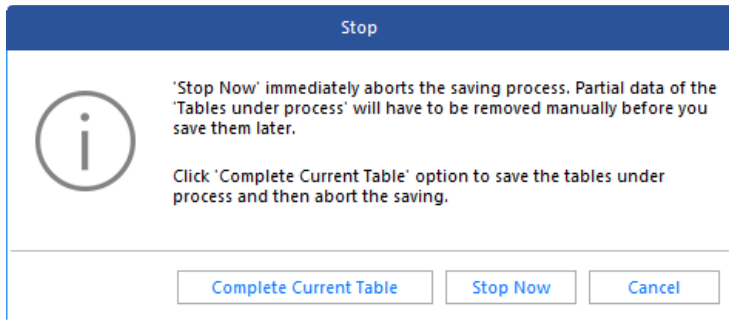
The 'Saving Tables' dialog box displays a table of tables queued for saving. The table has four columns: 'Table Name', 'Status', 'Records', and 'Percentage'. The 'Percentage' column includes a progress bar. The status of each table is indicated by the 'Status' column. A 'Stop All' button is located at the bottom right. The status bar at the bottom left shows 'Saved Tables : 4 / 30'.

Table Name	Status	Records	Percentage
dbo.account	Completed	0	100 %
dbo.activitymaster	Completed	20000	100 %
dbo.amrit_address	Processing...	7712	38 %
dbo.Authors	Completed	20000	100 %
dbo.book	Completed	20000	100 %
dbo.Categories	Processing...	-	0 %
dbo.Child	Processing...	-	0 %
dbo.customer_location	Processing...	-	0 %
dbo.customer_new1	Pending	-	0 %
dbo.CustomerCustomerDemo	Pending	-	0 %
dbo.CustomerDemographics	Pending	-	0 %
dbo.Customers	Pending	-	0 %

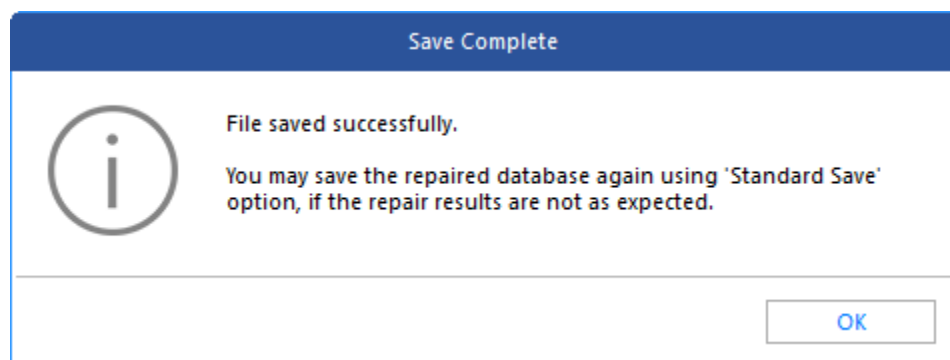
- a. **Table Name:** This column provides a list of Tables from the repaired file that you have sorted from previous screen for export.
- b. **Status:** This column provides information about the table whether the save process is **Completed**, **Processing**, **Pending**, **Aborted**.
- c. **Records:** This column provides the total number of items processed from the source to the destination Table.
- d. **Percentage:** This column provides information about the progress of the saving process in percentage.

**Stellar Repair for MS SQL** can process up to eight tables at the same time. You can stop the saving process using the steps as follows:

- a. To stop the saving tables process, click **Stop all** button. A **Stop** dialog box appears to confirm your action as given below:



- i. If you want to save the tables that are currently being processed and then stop the saving process, click **Complete Current Table**.
- ii. If you do not want to complete the saving of tables that are currently being processed and stop the saving process, click **Stop Now**. If you immediately stop the process, only the partial data of the table that is currently being processed will be saved in the destination table.
- iii. To go back to the **Saving Table** screen and continue saving the tables, click **Cancel**.

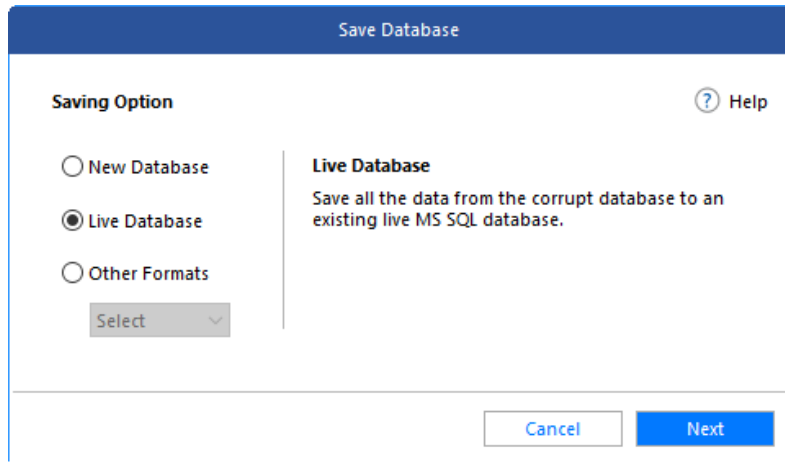


9. A message is displayed after the process is completed successfully.

**Note:** After saving the repaired files if you do not find the expected result you can use the "Standard Save" option and resave the repaired files.

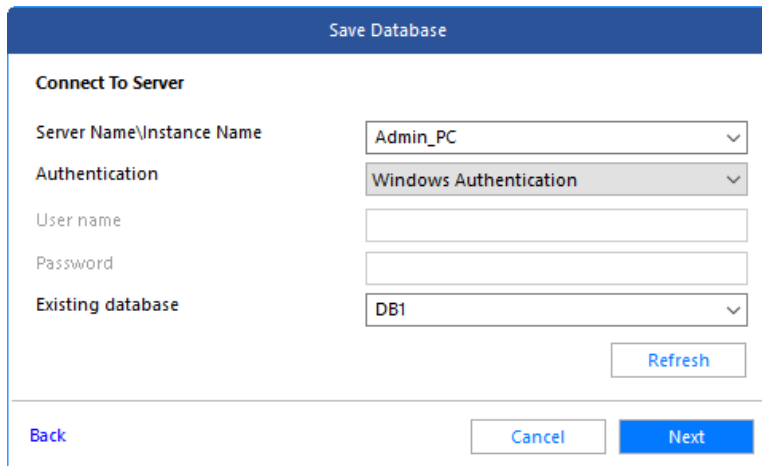
To save the repaired database as a completely Live Database, follow the steps mentioned below:

1. Select **Live Database** radio button from **Saving option** in **Save Database** dialog box.



The screenshot shows a dialog box titled "Save Database". Under the "Saving Option" section, there are three radio buttons: "New Database", "Live Database" (which is selected), and "Other Formats". Below these is a "Select" dropdown menu. To the right, under the "Live Database" heading, there is a description: "Save all the data from the corrupt database to an existing live MS SQL database." At the bottom of the dialog, there are "Cancel" and "Next" buttons.

2. Click **Next**. A **Connect to Server** dialog box appears.
3. Enter **Server Name/Instance Name**.
4. Choose the Authentication method from the drop down list to connect the server:
  - a. If the authentication method selected is Windows Authentication, you need not enter any user name and password:



The screenshot shows a dialog box titled "Connect To Server". It has several input fields: "Server Name\Instance Name" with a dropdown menu showing "Admin\_PC", "Authentication" with a dropdown menu showing "Windows Authentication", "User name" with an empty text box, "Password" with an empty text box, and "Existing database" with a dropdown menu showing "DB1". There is a "Refresh" button to the right of the "Existing database" field. At the bottom, there are "Back", "Cancel", and "Next" buttons.

- b. If the selected authentication method is SQL Server Authentication, enter the server user name and password:

The screenshot shows the 'Save Database' dialog box with the 'Connect To Server' section. The fields are: Server Name\Instance Name (Admin\_PC), Authentication (SQL Server Authentication), User name (Alen), Password (masked with dots), and Existing database (DB1). There is a 'Refresh' button and 'Back', 'Cancel', and 'Next' buttons at the bottom.

5. Select **Existing Database** from drop down list.

**Note:** Click **Refresh** Button, If any database is not listed in drop down list and is there in the SQL Server.

6. Click **Next**. Select the **Save Mode** option and click **Save** to continue the process.

The screenshot shows the 'Save Database' dialog box with the 'Save Mode' section. The 'Fast Saving' radio button is selected. The text next to it says: 'Fast Saving This saving option is advisable for large databases. It saves the data first and then saves indexes.' There are 'Back', 'Cancel', and 'Save' buttons at the bottom.

- a. If you want to save large database, select **Fast Saving** radio button.  
b. If you want to save the data and indexes at the same time, select **Standard Saving** radio button.

The screenshot shows the 'Save Database' dialog box with the 'Save Mode' section. The 'Standard Saving' radio button is selected. The text next to it says: 'Standard Saving This is a conventional way of saving repaired database. It saves the data and the indexes at the same time.' There are 'Back', 'Cancel', and 'Save' buttons at the bottom.



7. **Saving Tables** dialog box appears that consists of four columns as follows:

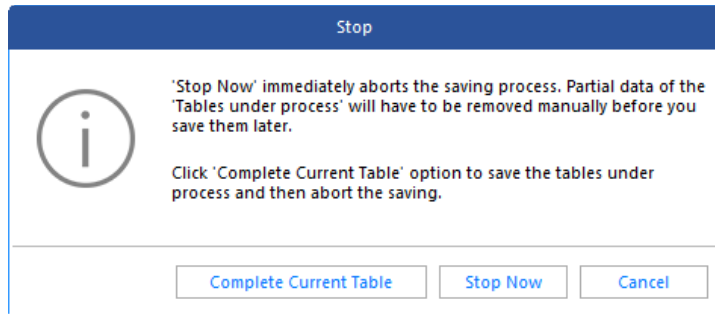
Table Name	Status	Records	Percentage
dbo.account	Completed	0	100 %
dbo.activitymaster	Completed	20000	100 %
dbo.amrit_address	Processing...	7712	38 %
dbo.Authors	Completed	20000	100 %
dbo.book	Completed	20000	100 %
dbo.Categories	Processing...	-	0 %
dbo.Child	Processing...	-	0 %
dbo.customer_location	Processing...	-	0 %
dbo.customer_new1	Pending	-	0%
dbo.CustomerCustomerDemo	Pending	-	0%
dbo.CustomerDemographics	Pending	-	0%
dbo.Customers	Pending	-	0%

Saved Tables : 4 / 30 Stop All

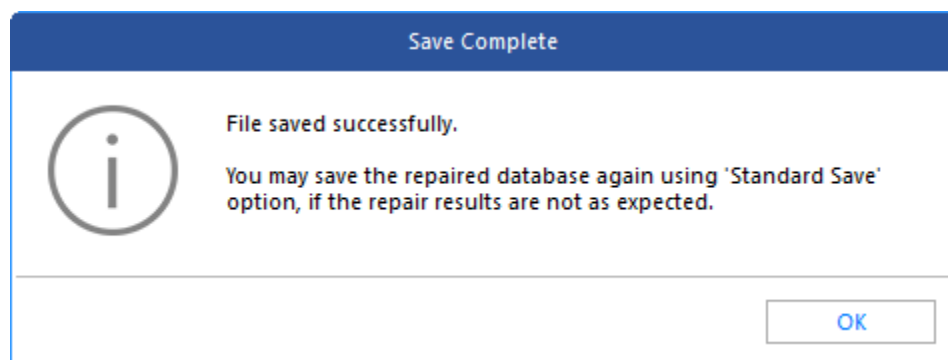
- a. **Table Name:** This column provides a list of Tables from the repaired file that you have sorted from previous screen for export.
- b. **Status:** This column provides information about the table whether the save process is **Completed, Processing, Pending, Aborted.**
- c. **Records:** This column provides the total number of items processed from the source to the destination Table.
- d. **Percentage:** This column provides information about the progress of the saving process in percentage.

**Stellar Repair for MS SQL** can process up to eight tables at the same time. You can stop the saving process using the steps as follows:

- a. To stop the saving tables process, click **Stop all** button. A **Stop** dialog box appears to confirm your action as given below:



- i. If you want to save the tables that are currently being processed and then stop the saving process, click **Complete Current Table**.
- ii. If you do not want to complete the saving of tables that are currently being processed and stop the saving process, click **Stop Now**. If you immediately stop the process, only the partial data of the table that is currently being processed will be saved in the destination table.
- iii. To go back to the **Saving Table** screen and continue saving the tables, click **Cancel**.

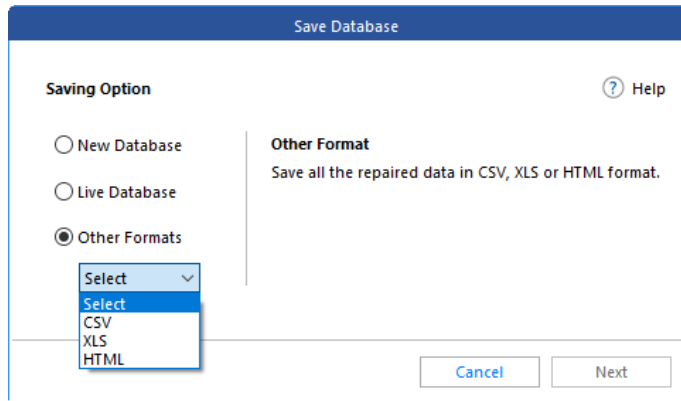


9. A message is displayed after the process is completed successfully.

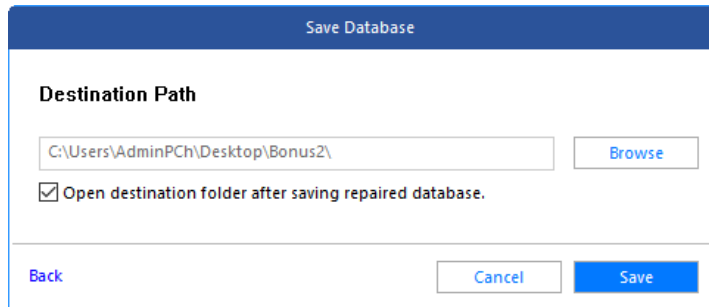
**Note:** After saving the repaired files if you do not find the expected result you can use the "Standard Save" option and resave the repaired files.

## To save the repaired file in Other Formats:

1. Select **Other formats** radio button from **Saving option** in **Save Database** dialog box and Select the required file format.



3. Click **Next**. Click **Browse** to select the desired folder where you want to save the repaired file and click **Save** button.



**Note:** By default **open destination folder after saving repaired database** checkbox is checked. If you do not want to open the folder you can uncheck the checkbox.

4. The file will be saved in the desired format.

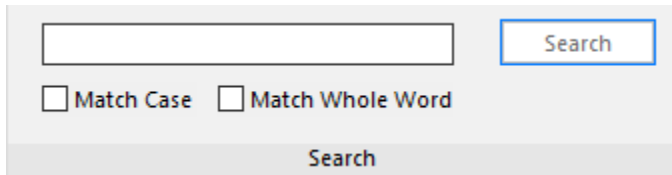
**Note:** Perform repair process on the copy of database and make sure MS SQL Server is running during repair process.

## Related Links:

- How to Video: [https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb\\_title](https://www.youtube.com/watch?v=yso4axqXxIM&feature=emb_title)

## 4.6. Find Specific Item In Tree

**Stellar Repair for MS SQL** gives option to search particular items in tree view. After completion of repairing process, a Search window appears as shown below:



The image shows a search window with a text input field, a 'Search' button, and two checkboxes: 'Match Case' and 'Match Whole Word'. A 'Search' button is also visible at the bottom of the window.

To Search a particular item, enter its name in the text box and click **Search** button. If that item is present in the database, it is highlighted in tree. Use back  and forward  button to traverse in the tree.

To narrow down the search result, you can select **Match Case** or **Match Whole Word** check box.

## 4.7. Save Log Report

With **Stellar Repair for MS SQL**, you can save the Log Report to analyze the repairing process at a later stage. You can view log of the process at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the Log Window checkbox in View section of View ribbon.

### To save log report:

- From **View ribbon**, select **Save Log**.
- In **Save As** dialog box, select the location where you want to save the log report. Click **Save**.

### To clear log report:

- From **View ribbon**, select **Clear Log**.

# 5. FAQs

## 1. What does the demo version of the software do?

Demo version of the software shows only repairs and displays the preview of the database. To save repaired database, you need to purchase and activate the software.

## 2. Why do I require Stellar Repair for MS SQL?

Sometimes due to virus infection, operating system malfunction, file system corruption or other similar reasons, the SQL database gets corrupted and the data in it becomes inaccessible. **Stellar Repair for MS SQL** helps you rebuild the corrupt database and restore the data back.

The software is risk-free and repair inaccessible database components from the corrupt MDF file in three easy steps: Select, Repair and Save. See Working with the Software, to know about the steps.

To know which components of SQL database you can recover by using **Stellar Repair for MS SQL**, refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/which-components-of-sql-database-can-i-recover>

## 3. What are the common SQL Database Corruption Errors, Causes and Resolutions?

Refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/common-sql-database-corruption-errors-causes-solutions>

## 4. How to fix the Activation error of Stellar Repair for MS SQL?

Refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/fix-sql-database-repair-activation-error>

## 5. Why is it necessary to perform repair process on the copy of database?

**Stellar Repair for MS SQL** will not be able to repair if the database is attached to MS SQL Server.

## 6. Can we repair tables in a MDF file selectively?

Yes, you can recover single or multiple tables. Simply select desired tables in tree view and start repair process.

## 7. Software is not able to detect the Database version what should I do?

There is an option to choose the database version manually. When software fails to detect the version then select the database version manually. See [Select the Scan Mode and Repair MDF Files](#) for more information.

To know more, refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/software-unables-to-detect-database-version>

## 8. How can Stellar Repair for MS SQL help me search for the location of MDF file on the computer?

You can search for MDF file on the computer using **Find** option of the software. For more details, please refer [Select MS SQL database \(MDF File\)](#) topic of the help manual.

## 9. I want to locate an item in the database (MDF file). Is there any way I can do this using the software?

Yes, after repairing the MDF file, the software gives you option to search items in tree view. Use Search option to locate desired item in a table.

## 10. How to Recover Deleted Records using Stellar Repair for MS SQL?

**Stellar Repair for MS SQL** provides you an option to **Include Deleted Records** in MS SQL database (MDF) repaired file. See [Include Deleted Records](#) for more details.

To know more, refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/recover-sql-deleted-records>

## 11. How Can I Save The Repaired SQL Database In Three Different Formats?

**Stellar Repair for MS SQL** software allows you to save the repaired SQL database file in **New Database, Live Database or Other formats** such as CSV, XLS or HTML format.

To save the repaired SQL database file in any one of the three file formats, Click **Save** from **File** ribbon. A **Save Database** dialog box appears giving you the option to save in **New Database, Live Database or Other formats** such as CSV, XLS or HTML format. Fill in the details and click **Save**. See Preview and Save MDF Files for more details.

To know more, refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/save-repaired-sql-database-in-four-options>

## 12. Why is it taking longer than usual to save a table?

OR

### If it takes longer than usual to save a table, how would I recognize the issue?

At the time of the saving process, if the process stops at a specific percentage and is not increasing, check the saving percentage of that table after some time, if it is still not increasing, then follow the steps to check if the file is stuck or not in the **MS SQL Server**:

1. Run **MS SQL Server**.
2. In Object Explorer, connect to an instance of the **SQL Server Database Engine**.
3. Expand Databases Folder, find the recovered database in **Object Explorer**, and expand it.
4. Expand Tables Folder, by searching the name of the tables that are stuck in between the saving process, preview the records by using SQL statement "**SELECT \* FROM table\_name;**". You have to execute this statement twice or thrice to see the records/rows counter.
5. If the records counter in the right-bottom of the screen is **increasing**, that means the saving process is working appropriately and you don't have to do anything.
6. If the records counter in the right-bottom of the screen is **not increasing**, that means the saving process is stuck.

## 13. I am trying to save the repaired database but the software is saving particular tables for quite some time. I am not sure if the software is doing anything in the background. How can I save the tables?

If the software is taking time to save the database or the specific percentage and is not increasing, that means the process is stuck.

If the process gets stuck, you have to stop the **Saving Process** from the **Saving Table** dialog box. After stopping the process, by default, stuck tables are already selected in the left pane of the screen.

You have to save the stuck tables individually.



To save the tables follow the steps given below:

1. From **File** menu, click **Save**.
2. **Save Database** window appears. From **Saving Option**, select **Live Database** radio button.
3. Click **Next**.
4. A **Connect to Server** window appears. Enter **Server Name/Instance Name**.
5. From the drop-down list, choose **Existing Database (previously recovered database)**.
6. Click **Next**.
7. Select the **Save Mode** option: Fast Saving / Standard Saving. Click **Save** to continue the process.
8. **Save Complete** dialog box appears, with a message "**File saved successfully**", indicating that the saving process is completed successfully.

To know more about the saving process, refer Preview and Save MDF Files.

#### 14. I am not satisfied with the repaired results. What can I do?

If in case you are not satisfied with the repaired results, we recommend getting your file repaired by certified professionals.

#### 15. How can we view process log?

You can view log of the process at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the **Log Window** checkbox in **View** section of **View** ribbon.

#### 16. Can we save process log?

Yes, **Stellar Repair for MS SQL** gives you option to save log report of the process.

To save log report:

- From **View** ribbon, select **Save Log**.
- In **Save As** dialog box, select the location where you want to save the log report. Click **Save**.

To know more, refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/save-log-report-of-complete-repair-process>

## 17. How to Customize Quick Access Toolbar Feature in the Software?

Refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/customize-quick-access-toolbar-of-the-software>

## 18. How much time Stellar Repair for MS SQL will take to scan and repair corrupt/damaged database?

The time taken in scanning and repairing database is totally dependent upon the size and number of records present in database file.

## 19. Is MS SQL application is required to be installed on the system for previewing database?

No, MS SQL application is not required to be installed for previewing the database.

## 20. How to fix connection error when trying to save the repaired SQL database in New or Live Database?

When you are trying to save repaired MS SQL Database in Live or New Database you might face a “**Connection Error**”. This can be because the **Stellar Repair for MS SQL** software and the server where the database is deployed are installed **on two different machines**. The **Stellar Repair for MS SQL** must be installed on the same server machine where the database is deployed when you are trying to save the Database by using the **New or Live Database option**.

## 21. How to Use Platinum Version of Stellar Repair for MS SQL?

Refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/platinum-version-of-stellar-repair-for-ms-sql>

## 21. How to Recover SQL Database from SUSPECT Mode?

Refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/procedure-to-recover-sql-database-from-suspect-mode>

## 22. How to create a New SQL Server Database to Save a Repaired Database File after Corruption?

Refer to the Knowledge Base Article: <https://www.stellarinfo.com/support/kb/index.php/article/save-repaired-sql-database-file-after-corruption>

**23. How many tables can be saved at the same time?**

**Stellar Repair for MS SQL** save **eight tables** at the same time. (The processing of the table depends upon the Processor and RAM of the system)

**24. How many scanning modes are there and what is the difference between the both?**

There are **two** scanning modes, **Standard Scan** and **Advanced Scan**. **Standard Scan** is recommended for fast scanning procedure which is successful in most cases of corruption and **Advanced Scan** extensively scans the corrupted files, it takes more time but works effectively when Standard scan is not working.

**25. What is the difference between Fast Saving Mode and Standard Saving Mode?**

**Fast Saving mode** is advisable for large databases. It saves the data first and then save indexes. There is a possibility that the administrator may have to reapply indexes after the repaired database is saved.

**Standard Saving Mode** is a conventional way of saving repaired databases. It saves the data and the indexes at the same time.

**26. Can I repair the database using the existing saved scan information?**

**Yes**, you can repair the database using the existing saved scan information.



# **Stellar Backup Extractor for MS SQL**

User Guide for version 10.0

# 1. General Information

1.1. About Stellar Backup Extractor for MS SQL

1.2. About the Guide

1.3. Stellar Support

# 1.1. About Stellar Backup Extractor for MS SQL

**Stellar Backup Extractor for MS SQL** software is an easy to use application designed to recover MS SQL database from corrupt MS SQL database backup (.BAK) files and save them in various output formats.

Microsoft SQL Server database backup files (.BAK) can be damaged or corrupted due to a number of reasons such as virus attack, unexpected system shutdown, media read error, and so on. Using strong algorithm, **Stellar Backup Extractor for MS SQL** does a complete repair of the corrupt backup file and efficiently repairs every bit of MS SQL database information without deleting or modifying original data. Even heavily damaged file can be optimally repaired with this software.

After repairing, **Stellar Backup Extractor for MS SQL** provides preview of extracted database backup file in a tree structure. User can view the components (tables, table data, views, constraints, indexes, keys, etc.) of the selected database backup file and can save the desired components.

The software also shows details of ongoing process in a **Log Report** pane. These details can be saved as a text file.

## Key Features:

- Efficiently repairs MS SQL Server database backup (.BAK) file without making changes to original file.
- Shows preview of database before saving.
- Find option to search items of database while previewing.
- Option to save repaired database to New or Live database.
- Option to save repaired database as MDF, CSV, HTML and XLS.
- Option to save the scan information to resume the repair process at a later stage.
- Option to view and save log of scan, preview and saving process.
- Supports Advanced Scan Option (for highly corrupted files).
- Supports both Windows and SQL Server Authentication while saving the repaired file as MDF.
- Supports total row count detail in each table for all versions.
- Supports Sorted tables in tree view and generates sorted log report.
- Repairs and extracts Tables, Triggers, Views, Collations, Stored Procedure, Synonyms, Functions, Defaults and Default constraints, Primary Keys, Foreign Keys, Unique Keys, Identity, Indexes (Clustered, Non - Clustered indexes), Check constraints, User Defined Data Types, Null / Not null, Predefined defaults, default values, and Rules.

- Compatible with MS SQL Server 2019, MS SQL Server 2017, MS SQL Server 2016, MS SQL Server 2014, MS SQL Server 2012 R2, 2012, MS SQL Server 2008 R2, 2008, 2008 (64 bit), 2008 Express, MS SQL Server 2005, 2005 (64 bit), 2005 Express, MS SQL Server 2000, 2000 (64 bit), 7.0 and mixed formats.
- Compatible with Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Server 2012, Windows Server 2008 and Windows Server 2003.

## 1.2. About the Guide

This user guide contains sequential steps to assist you through various **Stellar Backup Extractor for MS SQL** functions.

Each function is explained in details, in the corresponding sections. The guide covers following major topics:

1. General Information
2. Getting Started
3. Working with the Software
4. Frequently Asked Questions (FAQ)

This guide has the following features for easy navigation and understanding :

- There are **Notes** and **Tips** in some topics of this guide for better understanding and ease of work. These **Notes** and **Tips** are given in *italics* style.



## 1.3. Stellar Support

Our Technical Support professionals will give solutions for all your queries related to Stellar products.

- You can either call us or go online to our support section at <https://www.stellarinfo.com/support/>
- For price details and to place the order, click <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>
- Chat Live with an **Online** technician at <https://www.stellarinfo.com/>
- Search in our extensive **Knowledge Base** at <https://www.stellarinfo.com/support/kb>
- Submit enquiry at <https://www.stellarinfo.com/support/enquiry.php>
- Send e-mail to **Stellar Support** at [support@stellarinfo.com](mailto:support@stellarinfo.com)

## **2. Getting Started**

2.1. Installation Procedure

2.2. User Interface

2.3. Ordering the Software

2.4. Activating the Software

2.5. Updating the Software

## 2.1. Installation Procedure

Before beginning the installation procedure, make sure that the computer meets the minimum system requirements.

### Minimum System Requirements:

- **Processor:** Intel Pentium Class
- **Operating system:** Windows Server 2012 / 2008 / 2003 and Windows 10 / 8.1 / 8 / 7
- **Hard Disk:** At least 250 MB of free disk space
- **RAM:** 2 GB minimum (4 GB recommended)
- **MS SQL Server:** MS SQL Server 2019, MS SQL Server 2017, MS SQL Server 2016, MS SQL Server 2014, MS SQL Server 2012, MS SQL Server 2008 R2, 2008, 2008 (64 bit), 2008 Express, MS SQL Server 2005, 2005 (64 bit), 2005 Express, MS SQL Server 2000, 2000 (64 bit), 7.0 and mixed formats.

### To install the software:

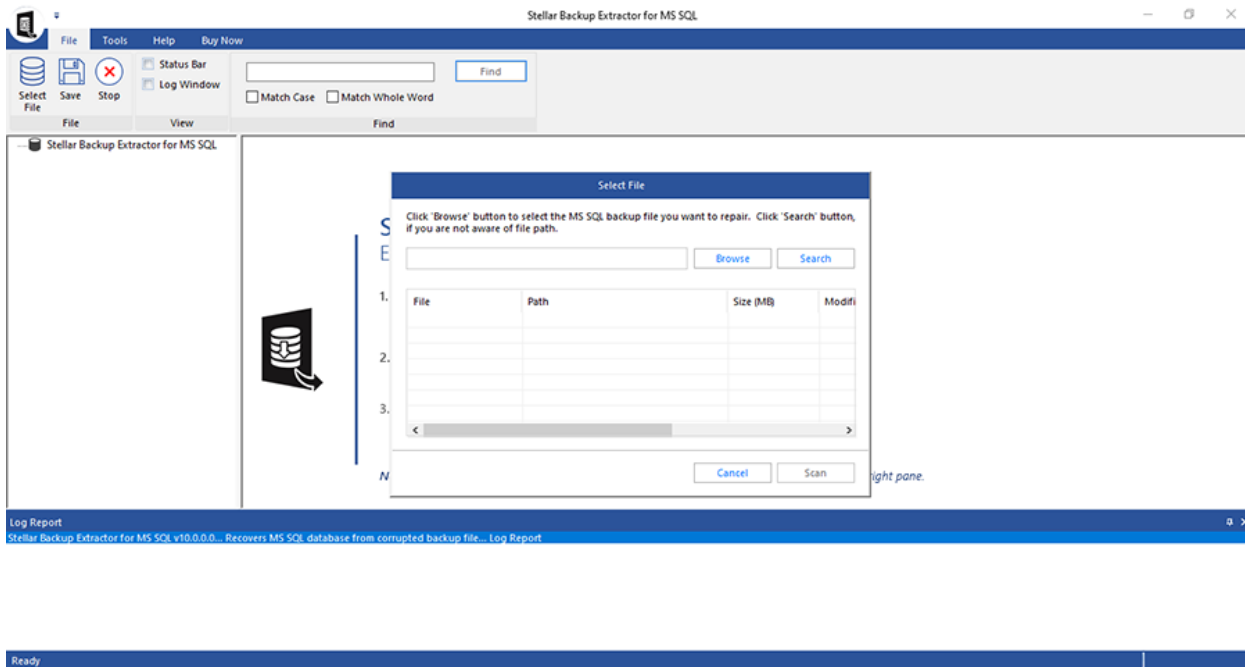
1. Double-click **Setup Installer** dialog box is displayed.
2. Click **Next** to continue. **License Agreement** dialog box is displayed.
3. Select **I accept the Agreement** option. Click **Next**.
4. Specify the location where the installation files are to be stored. Click **Next**.
5. Select the folder where the files are to be stored. A default folder is suggested in the box. Click **Browse** to select a different location. Click **Next**.
6. In the **Select Additional Tasks** dialog box, select check boxes as per your choice. Click **Next**.
7. Review your selections. Click **Back** if you want to make any change. Click **Install** to start installation. The Installing window shows the installation process.
8. After completion of the process, Click **Finish** on **Setup installer** dialog box.

**Note:** Clear **Launch Setup Installer** check box before clicking **Finish** to prevent the software from launching.

## 2.3. User Interface

**Stellar Backup Extractor for MS SQL** software has a very easy to use Graphical User Interface. The user interface contains features required for complete recovery of corrupt MS SQL database backup (.BAK) files.

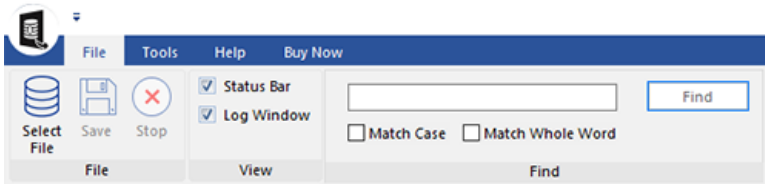
After launching the program, you will see the main user interface as shown below:



The user interface contains ribbons and buttons that lets you access various features of the software with ease.

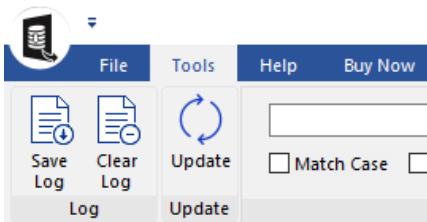
## 2.3.1. Ribbons

### 1. File Ribbon



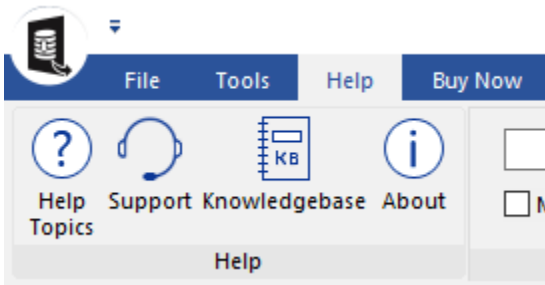
- **Select File:** Use this option to select the corrupt .BAK file for repairing.
- **Save:** Use this option to save the repaired SQL database backup file.
- **Stop:** Use this option to stop an ongoing process.
- **Status Bar and Log Window:** Check/Uncheck these boxes to view or hide the Status Bar and Log Window
- **Find:** Use this option to find particular item in tree. To narrow down the search result, you can select **Match Case** or **Match Whole Word** check box.

### 2. Tools Ribbon



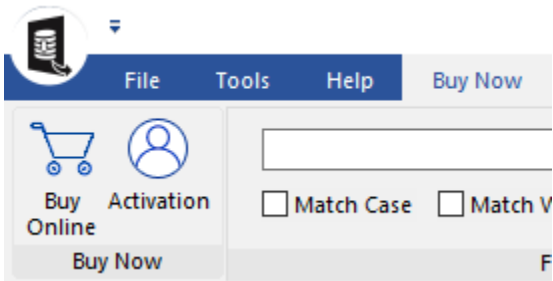
- **Save Log:** Use this option to save log information in a text file.
- **Clear Log:** Use this option to clear the log information from **Log Report** pane.
- **Update:** Use this option to check for both, latest minor and major versions available online.

### 3. Help Ribbon



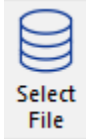
- **Help Topics:** Use this option to open help manual for the software.
- **Support:** Use this option to view the support page.
- **Knowledgebase:** Use this option to visit Knowledgebase articles of stellarinfo.com
- **About:** Use this option to read information about the software.

### 5. Buy Now Ribbon

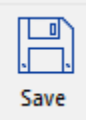


- **Buy Online:** Use this option to buy the software online.
- **Activation:** Use this option to activate the software.

## 2.3.2. Buttons



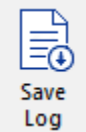
Click this button to select the corrupt .BAK file for repairing.



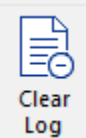
Click this button to save the repaired SQL database backup file.



Click this button to stop an ongoing process.



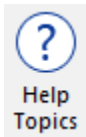
Click this button to save log information in a text file.



Click this button to clear the log report.



Click this button to update your software. Use this option to check for both, major and minor versions of the software.



Click this button to open the help manual for **Stellar Backup Extractor for MS SQL**.



Click this button to view support page of stellarinfo.com.



Click this button to visit the Knowledge Base articles of stellarinfo.com



About

Click this button to read more information about the software.



Buy  
Online

Click this button to purchase the software online.



Activation

Click this button to activate the software after purchasing.



## 2.4. Ordering the Software

To know more about **Stellar Toolkit for MS SQL**, click <https://www.stellarinfo.com/sql-database-toolkit.php>.

To purchase the software online, please visit <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>

Alternatively, click on **Buy Online** icon in **Buy Now** ribbon to purchase the software online.

Select either of the methods given above to purchase the software.

Once the order is confirmed, you receive an **Activation Key** through e-mail. You require this key to activate the software.

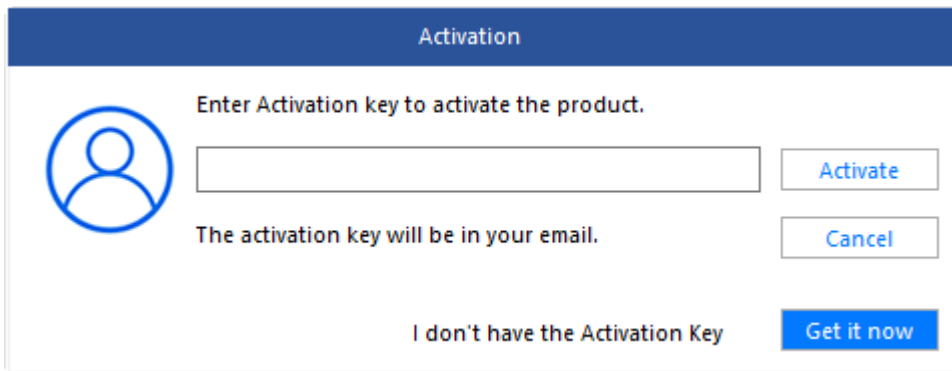
## 2.5. Activating the Software

The demo version is just for evaluation purpose and must be eventually activated to use the full functionality of the software.

The software can be activated using the **Activation Key** which you will receive via email after purchasing the software.

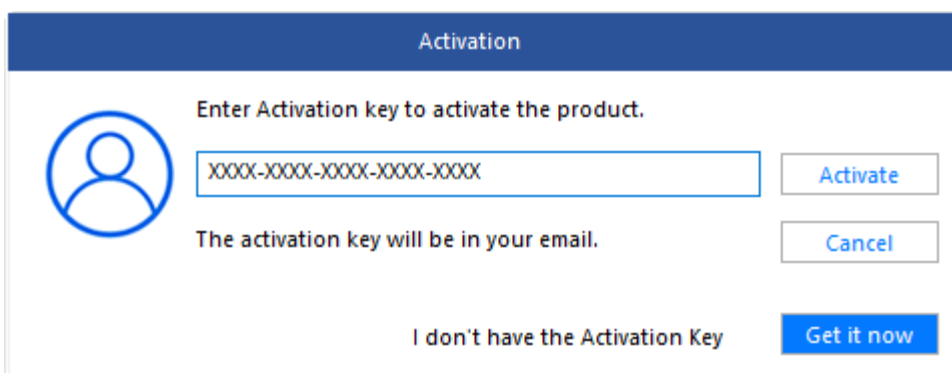
### To activate the software:

1. Launch the demo version of the software.
2. On **Buy Now** ribbon, click **Activation** button. **Activation** window is displayed as shown below:



The screenshot shows a dialog box titled "Activation". On the left is a blue circular icon of a person. The main text reads "Enter Activation key to activate the product." Below this is a text input field. To the right of the input field are two buttons: "Activate" and "Cancel". Below the input field, it says "The activation key will be in your email." At the bottom of the dialog, there is a link "I don't have the Activation Key" and a blue button "Get it now".

3. If you don't have the **Activation Key**, click **Get it now** button in the window to go online and purchase the product.
4. Once the order is confirmed, an **Activation Key** gets sent to the email provided.
5. Type the **Activation Key** (received through email after purchasing the product) and click **Activate** button (**Please ensure that you have an active Internet connection**).



This screenshot is identical to the previous one, but the text input field now contains the placeholder text "XXXX-XXXX-XXXX-XXXX-XXXX".

6. The software would automatically communicate with the license server to verify the entered key. If the key you entered is valid, the software will be activated successfully.
7. '**Activation Completed Successfully**' message is displayed after the process gets completed successfully. Click **OK**.

## 2.6. Updating the Software

There are periodical software updates for **Stellar Backup Extractor for MS SQL**. Using the update option, you can check for both the latest minor and major version available online. You can easily download the minor and major version through the update wizard. While updating the software, it's recommended to close all the running programs.

### To start the Update Wizard:

1. Launch the software.
2. Select **Update** from **Tools** ribbon.
3. **Update** window pops up.
4. The wizard will start searching for the latest updates and if it finds any new version, a window will pop up indicating the availability an update.
5. Click **Next** and the software will start downloading update files from the server. When the process is complete, the software will updated to the latest version.

### Live Update may not happen due to following reasons:

- Internet connection failure.
- Unable to download configuration files.
- Unable to locate updated files or version.
- Unable to locate executable file.

## **3. Working with the Software**

3.1. Select MS SQL Database Backup (.BAK) File

3.2. Select the Scan Mode

3.3. Select Backup Set

3.4. Preview and Save Repaired Files

3.5. Save Scan Information

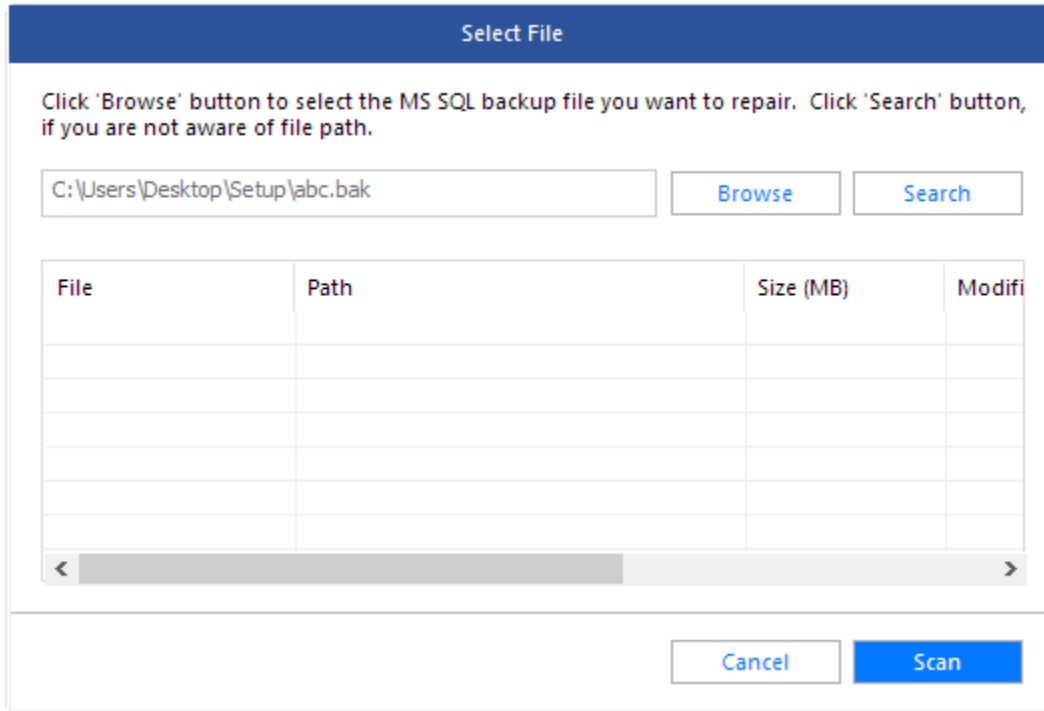
3.6. Find Specific Item In Tree

3.7. Save Log Report

## 3.1. Select MS SQL Database Backup (.BAK) File

To Browse a MS SQL database backup (.BAK) file,

1. Run **Stellar Backup Extractor for MS SQL** Application.
2. **Select File** dialog box is displayed.

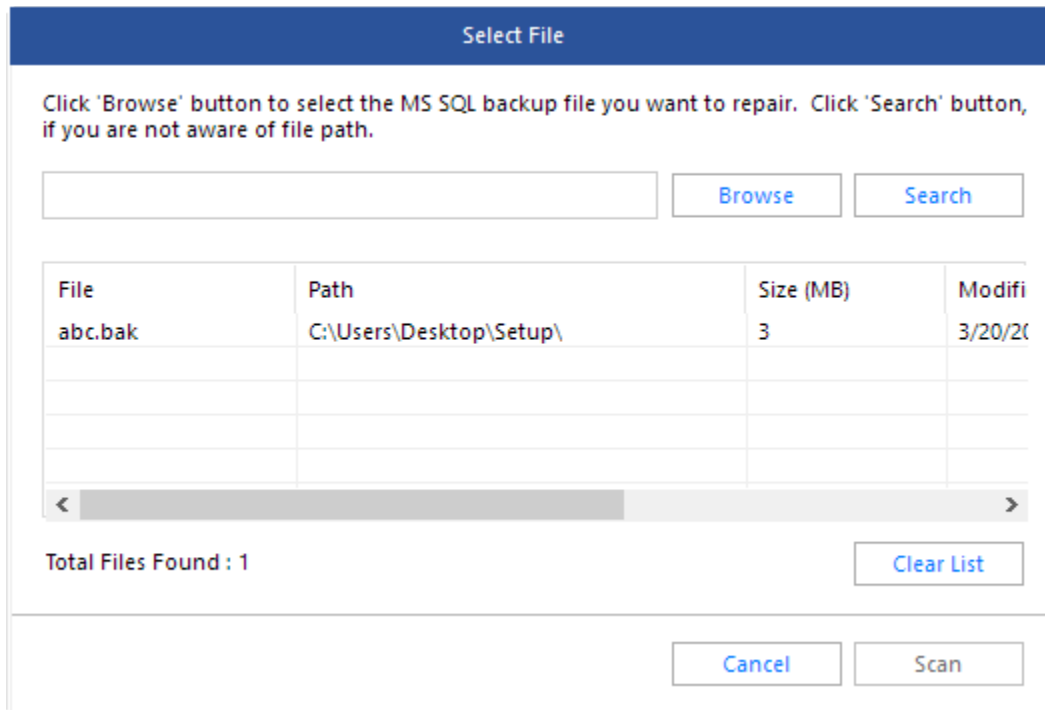


3. In **Select File** dialog box, click **Browse**.
4. In the **Open** dialog box, browse and select the corrupt MS SQL Backup (.BAK) file and then click **Open**.
5. Click **Scan**.

**Note :** You can also select the (.BAK) file by choosing **Select File** icon from **File Ribbon**.

## To Search MS SQL Database Backup (.BAK) file,

1. Run **Stellar Backup Extractor for MS SQL** Application.
2. **Select File** dialog box is displayed.



3. In **Select File** dialog box, Click on **Search**.
4. **Browse for Folder** dialog box opens. Select the drive or folder to search for the MS SQL Backup files. Click **OK**.  
Search process starts.
5. After the search is finished, a list of .BAK files found in the selected drive are shown in a list. File attributes like size, modified date, created date, last accessed date is also shown with the file.
6. Select file you wish to recover from this list and click **Scan** button to start the process.

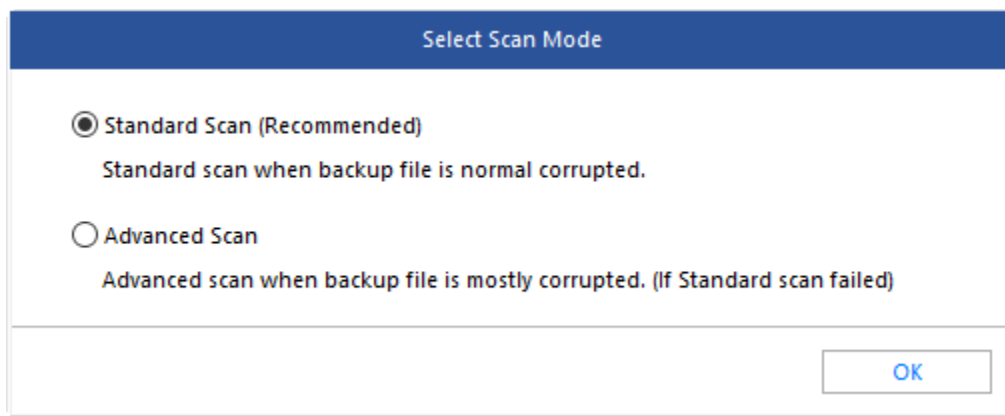
**Note :** Click **Clear list** to clear the searched results.

**Note :** You can also select the (.BAK) file by choosing **Select File** icon from **File Ribbon**.

## 3.2. Select the Scan Mode

After selection of MS SQL Backup file that you want to repair, click **Scan**. **Select Scan Mode** dialog box opens. **Stellar Backup Extractor for MS SQL** has two modes for scanning:

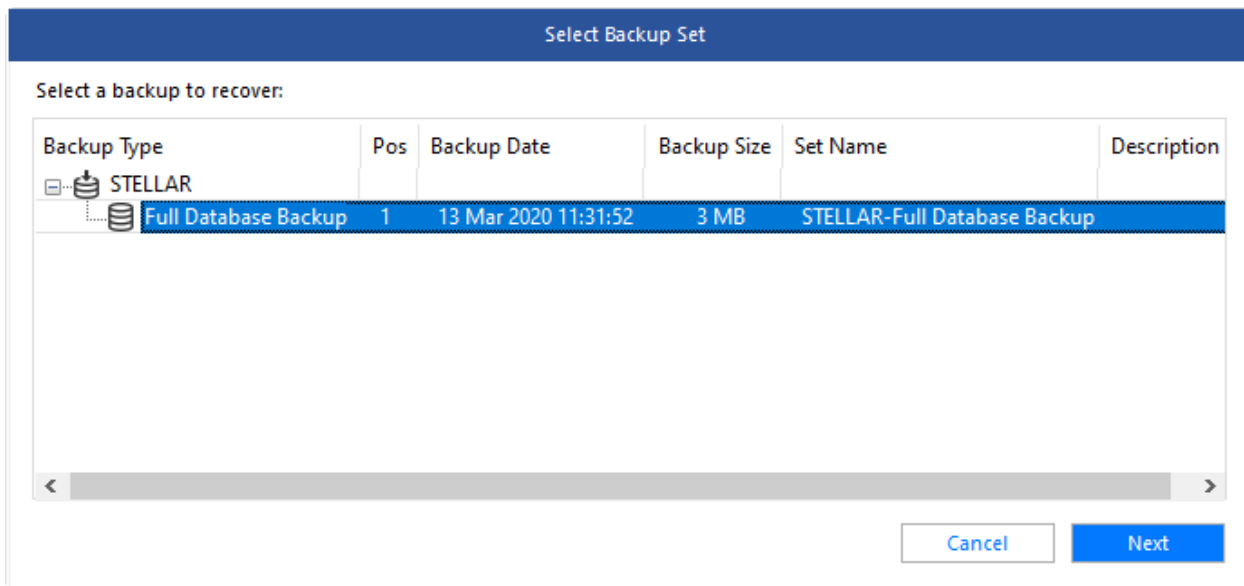
- **Standard Scan (Recommended)** - Select **Standard Scan** to scan and repair corrupt .BAK files that are not highly corrupted.
- **Advanced Scan** - Select **Advanced Scan** to scan the extremely corrupted .BAK files for better and effective results.



### 3.3. Select Backup Set

To proceed the scanning process you have to select a Backup to recover. These are the following steps to select Backup Set:

1. Select MS SQL Backup file in **Stellar Backup Extractor for MS SQL**.
2. Select the **Scan Mode** i.e. **Standard** or **Advance** scan.
3. Click **OK** button to start scanning process. **Select Backup Set** dialog is displayed. All the backups taken in different *Backup Modes* and all the backups (incase the backup is stored in different files) are shown.



4. Click and select a *Backup Set*.
5. If selected Backup is located in multiple files a dialog showing this is displayed. Click **Add** to select more locations that contain other supplementary files.
6. Click **Next** to start scanning.

**Note :** *Resume Repair* dialog box is displayed if a previous repair result is available for the selected backup file. Select the desired option.

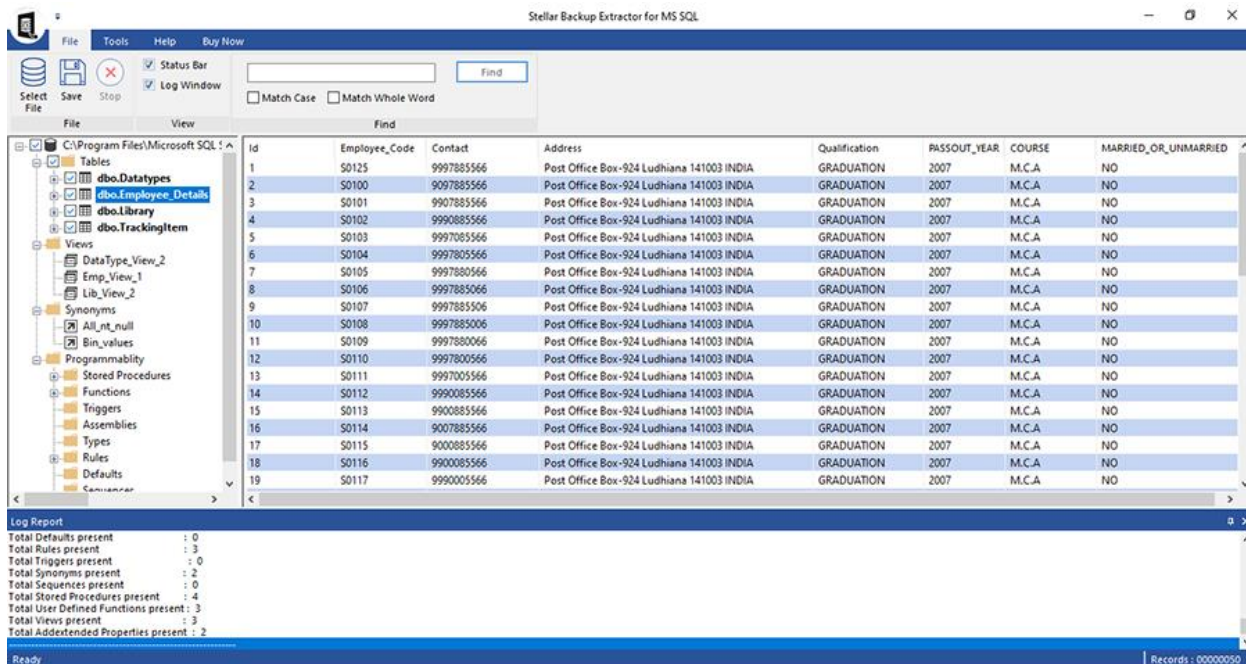
7. After completion of the scanning process. **Repair Complete** dialog box is displayed. Your MS SQL backup file has been recovered successfully. Click **OK**

**Note :** Click **Save** button from **File Ribbon** to save the repaired SQL database backup file.



## 3.4. Preview and Save Repaired Files

After you complete the repairing process successfully, **Stellar Backup Extractor for MS SQL** shows preview of corrupted database backup files. The left pane displays list of items (Tables, Views, Synonyms, Defaults, Data Types and more) in a tree like structure, upper right pane displays the contents of the item selected in the tree view and bottom pane shows message log. A sample screen is displayed below:



By default, all the checkboxes of the tree view are selected. You can click on the item in the tree view to preview its content.

**Note:** The software performs a counting of records present in the database after repairing process is completed. The time taken in counting depends on the number of records present in the database.

**To save the repaired file to MS SQL database:**

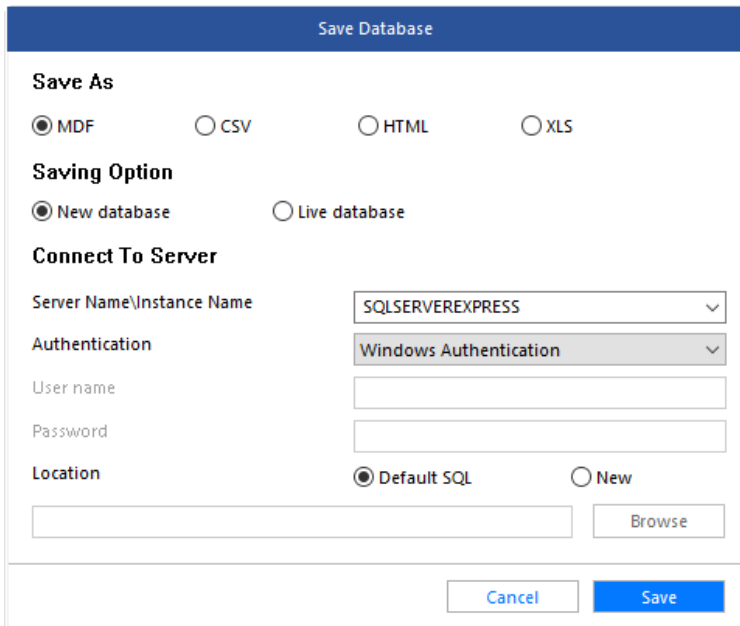
- After the repairing process gets completed, click **Save** option from **File ribbon**.
- Specify whether you want to save the repaired database in **MDF, CSV, HTML** or **XLS** format by selecting the appropriate radio button.

Saving repaired database as **MDF**

Saving repaired database as **CSV, HTML** or **XLS**

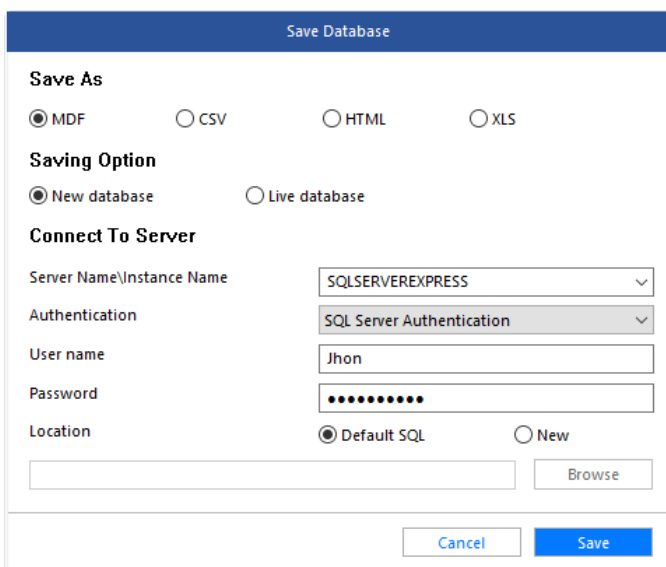
To save the repaired file as MDF, you can either save your database as a **New database** or you can insert the data to an existing **Live database**.

- To save the repaired database as a completely **New database**, follow the steps mentioned below:
  - Select **New Database** radio button.
  - Enter **Server / Instance Name**.
  - Choose the **Authentication** method from the drop down list for logging in to the server. If the authentication method selected is **Windows Authentication**, you need not enter any user name and password.



The screenshot shows the 'Save Database' dialog box. Under 'Save As', 'MDF' is selected. Under 'Saving Option', 'New database' is selected. Under 'Connect To Server', 'Server Name\Instance Name' is 'SQLSERVEREXPRESS', 'Authentication' is 'Windows Authentication', 'User name' and 'Password' fields are empty, and 'Location' is 'Default SQL'. 'Cancel' and 'Save' buttons are at the bottom.

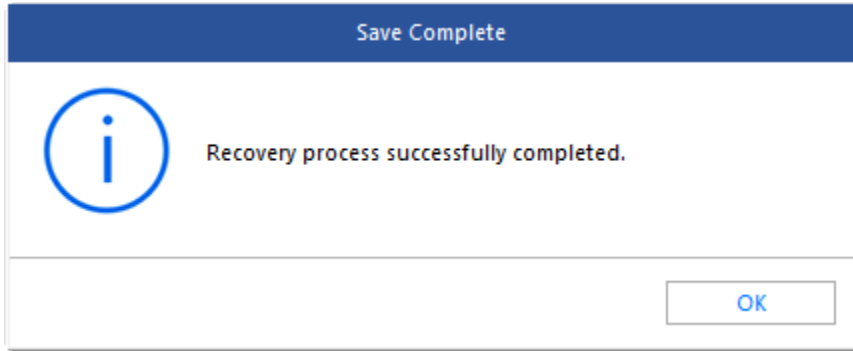
- Enter the server user name and password, if the selected authentication method is **SQL Server Authentication**.



The screenshot shows the 'Save Database' dialog box. Under 'Save As', 'MDF' is selected. Under 'Saving Option', 'New database' is selected. Under 'Connect To Server', 'Server Name\Instance Name' is 'SQLSERVEREXPRESS', 'Authentication' is 'SQL Server Authentication', 'User name' is 'Jhon', 'Password' is masked with dots, and 'Location' is 'Default SQL'. 'Cancel' and 'Save' buttons are at the bottom.

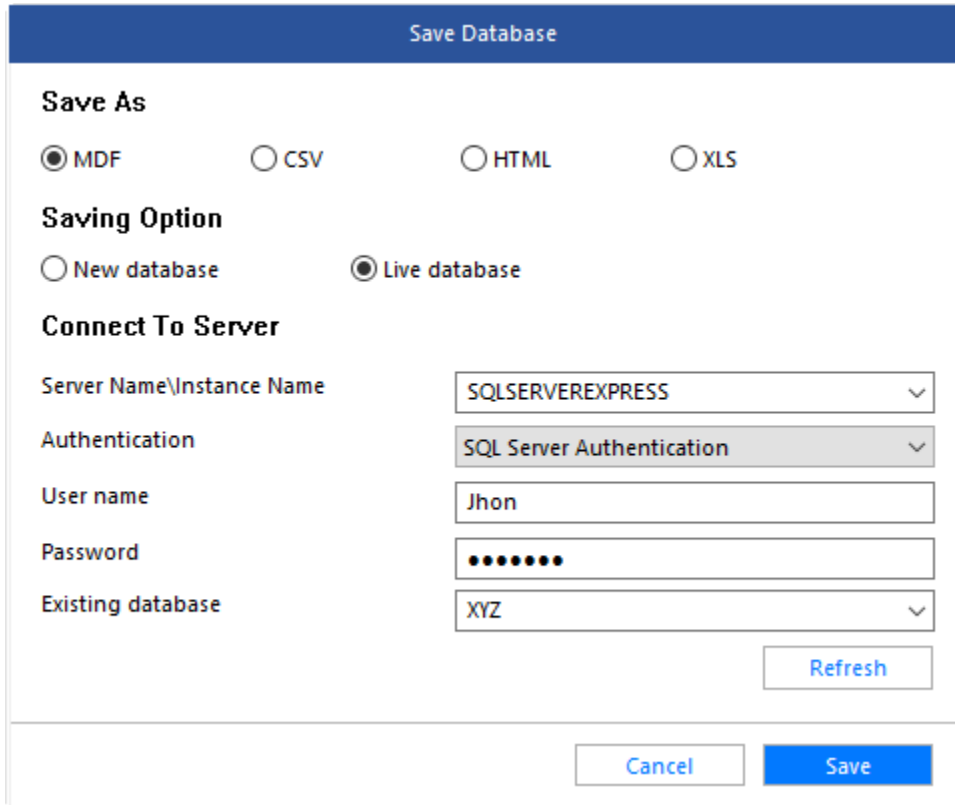
- Select a destination for saving the repaired .BAK file.
- Click **Save** button to save the repaired MS SQL Database Backup file.

- A message is displayed after the process is completed successfully.



- To save the repaired database in an existing **Live database**, follow the steps mentioned below:
  - Select **Live Database** radio button.
  - Enter **Server / Instance Name**.
  - Choose the **Authentication** method from the drop down list for logging in to the server. If the authentication method selected is **Windows Authentication**, you need not enter any user name and password.

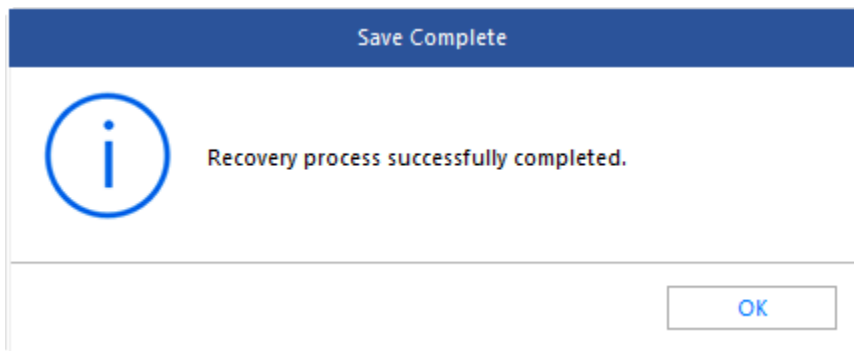
- Enter the server user name and password, if the selected authentication method is **SQL Server Authentication**.



The image shows a 'Save Database' dialog box with the following sections and controls:

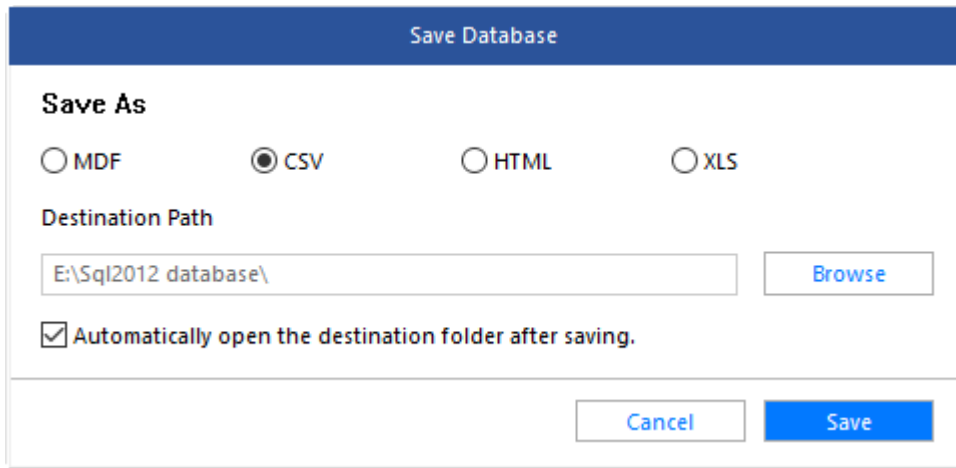
- Save As:** Radio buttons for MDF (selected), CSV, HTML, and XLS.
- Saving Option:** Radio buttons for New database and Live database (selected).
- Connect To Server:**
  - Server Name\Instance Name: SQLSERVEREXPRESS
  - Authentication: SQL Server Authentication
  - User name: Jhon
  - Password: [masked with 7 dots]
  - Existing database: XYZ
- Buttons: Refresh, Cancel, and Save.

- From the **Existing Database** drop down button select the database into which you want to save the repaired file.
- Click **Save** button to save the repaired MS SQL Database Backup file.
- A message is displayed after the process is completed successfully.



To save the repaired file to CSV, HTML or XLS format:

- After the repairing process gets completed, go to **File** ribbon and select **Save** option.
- **Save Database** dialog box will open. Select the required format.



The screenshot shows a dialog box titled "Save Database". It contains the following elements:

- Save As:** Four radio button options:  MDF,  CSV,  HTML, and  XLS.
- Destination Path:** A text input field containing "E:\Sql2012 database\" and a "Browse" button to its right.
- Automatically open the destination folder after saving:** A checked checkbox.
- Buttons:** "Cancel" and "Save" buttons at the bottom right.

- Click **Browse** to go to the folder where you want to save the repaired file and click **Save** button.
- The file will be saved in the desired format.

**Note:** Make sure MS SQL Server is running during repair process.

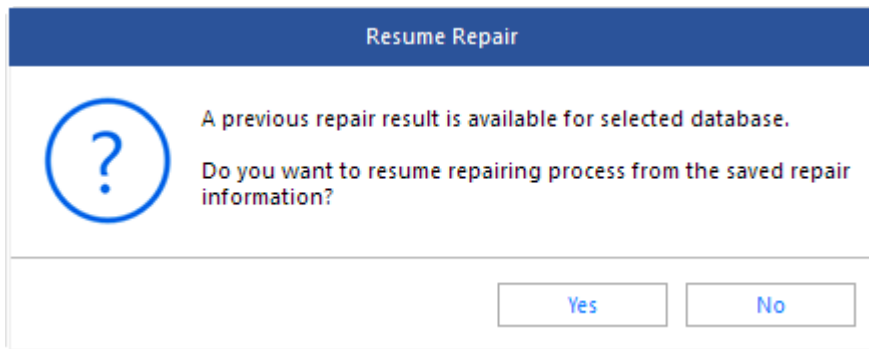
## 3.5. Save Scan Information

**Stellar Backup Extractor for MS SQL** saves a scan information of the MS SQL Database Backup File at the time of repairing. This saved scan information can be used later to repair corrupt backup file in case you wish to repair the database backup file again.

Using a scan information saves time, since scanning of each database backup file does not take place. All files and folders shown after scan process can be viewed as we load the saved scan information created for that particular scan. You can resume recovery by selecting the saved scan information without scanning the backup file again.

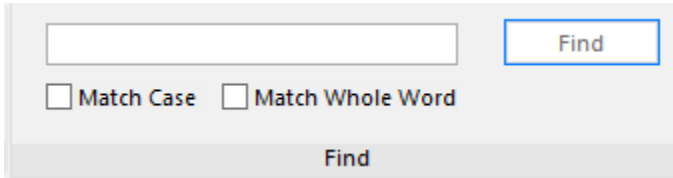
### To repair backup file using scan information:

1. You will be prompted to use the saved scan information for selected backup file.
2. Click **Yes** if you want to repair using the existing saved scan information.
3. Click **No** if you want to repair using selected backup file itself.





## 3.6. Find Specific Item In Tree

**Stellar Backup Extractor for MS SQL** gives option to find particular items in tree view. After completion of repairing process, a search bar along with the preview window appears as shown below:



The image shows a search interface with a text input field, a 'Find' button, and two checkboxes: 'Match Case' and 'Match Whole Word'. A 'Find' button is also located at the bottom of the interface.

To find a particular item, enter its name in **Find** text box and click **Find** button. If that item is present in the database, it is highlighted in tree. Use back  and forward  button to traverse in the tree.

To narrow down the search result, you can select **Match Case** or **Match Whole Word** check box.

## 3.7. Save Log Report

With **Stellar Backup Extractor for MS SQL**, you can save the Log Report to analyze the repairing process at a later stage. You can view log of the process at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the **Log Window** checkbox in **View** section of **File Ribbon**.

### To save log report:

1. From **Tools** ribbon, select **Save Log** .
2. In **Save As** dialog box, select the location where you want to save the log report. Click **Save**.

### To clear log report:

1. From **Tools** ribbon, select **Clear Log**.



## 4. Frequently Asked Questions (FAQ)

### 1. What does the demo version of the software do?

Demo version of the software shows only preview of the database. To save recovered database, you need to purchase and activate the software.

### 2. Does the recovery software makes changes to original database file?

The software asks for location to save the database. If you choose the default location, database will be replaced with the recovered one.

### 3. How to know whether the software will be able to recover my database or not?

To know whether the software will be able to recover your MS SQL Backup database or not, please try demo version of the software. Scan your file using **Stellar Backup Extractor for MS SQL** and preview results for your satisfaction.

### 4. Can Stellar Backup Extractor for MS SQL recover my deleted MS SQL Backup database?

No.

### 5. How much time Stellar Backup Extractor for MS SQL will take to scan and recover database?

The time taken in scanning and recovering database is totally dependent upon the size of database file.

### 6. Is MS SQL Server needed to be installed on the system for previewing database?

No.

### 7. Is MS SQL Server needed to be installed on the system for recovering database?

Yes, MS SQL Server must be installed and its services must be in running state while recovering.

### 8. Can we recover tables in a database file selectively?

Yes, you can recover single or multiple tables. Simply select desired tables in tree view and start recovery process.

### 9. I want to locate an item in the database file. Is there any way I can do this using the software?

Yes, after scanning .BAK file, the software gives you option to find items in tree view. Use *Find* option to locate desired item in a database.

### 10. How can Stellar Backup Extractor for MS SQL help me search for the location of MDF file in the computer?

You can search for MDF file in the computer using **Search** option of the software. For more details, please refer Select MS SQL backup file topic of the help manual.

### 11. How can we view process log?

You can view log of the process at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the **Log Window** checkbox in **View** section of **File Menu**.

## 12. Can we save process log?

Yes, **Stellar Backup Extractor for MS SQL** gives you option to save log report of the process.

To save log report:

- From **Tools Menu**, select **Save Log**.
- In **Save As** dialog box, select the location where you want to save the log report. Click **Save**.



# **Stellar Converter for Database**

User Guide for version 3.0

# 1. About Stellar Converter for Database

**Stellar Converter for Database** is an easy to use software designed to preview, convert and save the database files of one type to another in a safe and non-destructive manner. The software converts Microsoft Access, Microsoft SQL, MySQL, SQLite and SQL Anywhere database records from one database format to another and saves all table attributes like indexes, views, schemas, stored procedures, triggers etc.

The software helps database administrators, developers to automate the time-consuming task of converting the database from one format to another without involving in writing complex queries. **Stellar Converter for Database** is designed to shield the user from the complexity of underlying databases.

**Stellar Converter for Database** automatically adjusts to your databases and uses optimal copying mode for each table to achieve the best possible throughput. After scanning, **Stellar Converter for Database** provides a preview of the database in a tree structure. You can view the components of the selected database and can save desired components.

The software also shows details of the ongoing process in a log report pane. These details can be saved in a text file.

## Key Features

- Supports scan and conversion of MS Access (.mdb and .accdb), MS SQL (.mdf) , MySQL , SQLite (.db and .sqlite) and SQL Anywhere (.db).
- Supports options to select database state as Offline or Live.
- Supports the conversion of multiple data types.
- Can efficiently handle large databases.
- Converts databases while retaining their viability and quality.
- Option to convert individual tables.
- Supports views, procedures, triggers and indexes.
- Supports preview of convertible database objects.
- Allows finding of the object name in the tree view.
- Option to view and save the log report of scan and conversion process.

- **Supported versions:**
  - **MS Access:** Supports MS Access up to 2019.
  - **MS SQL:** Supports MS SQL Server 2019, MS SQL Server 2017, MS SQL Server 2016, MS SQL Server 2014, MS SQL Server 2012, MS SQL Server 2008 R2, 2008, 2008 (64 bit), 2008 Express, MS SQL Server 2005, 2005 (64 bit), 2005 Express, MS SQL Server 2000 and 2000 (64 bit).
  - **MySQL:** Supports MySQL 8.x, 6.x, 5.x, 4.x, and 3.x (You need an upper version of MySQL to convert and save 3.x files).
  - **SQLite:** Supports SQLite version up to 3.30.
  - **SQL Anywhere:** Supports SQL Anywhere version 9/10/11/12/16/17.
- Compatible with Windows 10, Windows 8.1, Windows 8 and Windows 7.

## 2. About the Guide

This user guide contains steps to assist you through various functions of **Stellar Converter for Database**. Each function is explained in detail, in the corresponding sections. The guide covers the following major topics:

1. About Stellar Converter for Database
2. About the Guide
3. Getting Started
4. Working with the Software
5. Frequently Asked Questions (FAQs)

This guide has the following features for easy navigation and understanding:

- There are Notes and Tips in some topics of this guide for better understanding and ease of work.  
These *Notes* and *Tips* are given in italics style.

This is a web-based guide and requires an active internet connection. You can read this guide with all popular browsers like Chrome, Firefox, Internet Explorer, and Safari. For the best viewing experience, it is recommended to use the **Chrome** browser.

# 3. Getting Started

3.1. System Requirements

3.2. Installation Procedure

3.3. Getting Familiar with User Interface

3.4. Ordering the Software

3.5. Activating the Software

3.6. Updating the Software

3.7. Stellar Support

## 3.1. System Requirements

Before installing the software, check that your system meets the minimum system requirements:

### Minimum System Requirements:

- **Processor:** Intel-compatible (x86, x64)
- **Operating System:** Windows 10 / Windows 8.1 / Windows 8 / Windows 7
- **Memory:** 8 GB (recommended) 4 GB (minimum)
- **Hard Disk:** 250 MB for installation files

### Other Prerequisites:

There are certain prerequisites for some database conversion. Before starting the conversion process, make sure your system meets the following requirements:

#### 1. For conversion into MS SQL

- **Microsoft SQL Server** is installed on the system in which the converting process needs to be performed.
- **Microsoft SQL Server** service should be stopped if you wish to select the database from the SQL server's default directory, however, service should always be running if the target database is MS SQL type.
- Free space at least the same as the size of the selected database is available on the drive on which the database is stored.

#### 2. For conversion into MySQL

- **MySQL** is installed on the system on which the conversion process needs to be performed.
- **MySQL** is installed with the default configuration and the **ibdata** file is stored at the same location as MySQL database if you wish to select the database in Offline state or Live state.
- The **ibdata** file for the corresponding database is available if you wish to select the database manually.
- Free space the same as the size of the selected database is available on the drive on which the database is stored.



### 3. For conversion into SQL Anywhere

- **SQL Anywhere** is installed on the system on which the conversion process needs to be performed.
- Free space the same as the size of selected database is available on the drive on which the database is stored.
- Make sure that the versions of **SQL Anywhere** application are installed on your computer and the source SQL Anywhere file (.db) to be converted are the same.

## 3.2. Installation Procedure

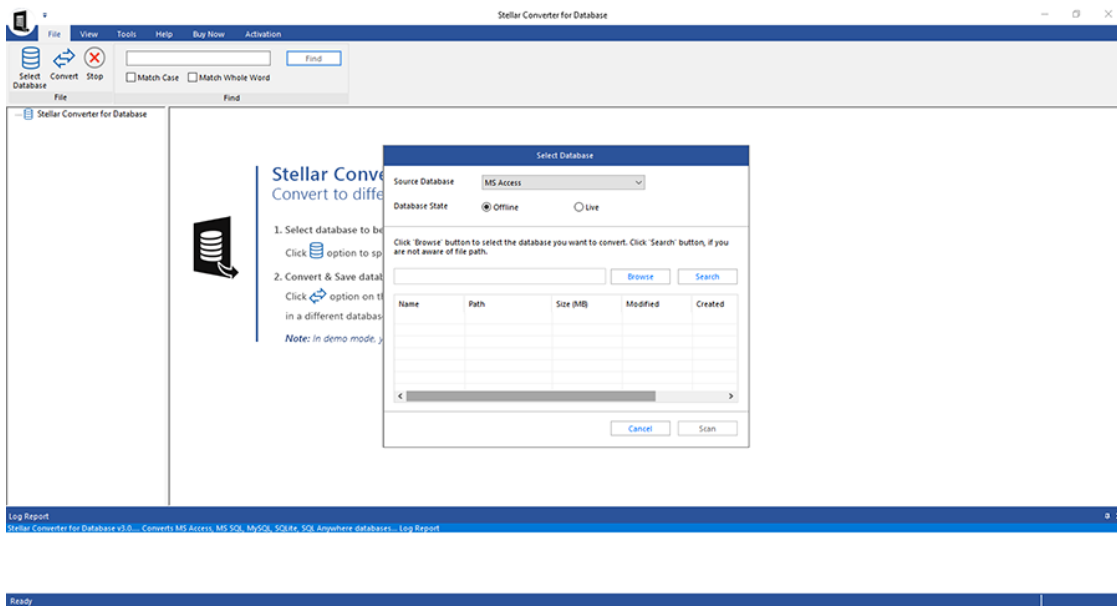
To install the software:

1. Double-click **Setup Installer** to start the installation.
2. Click **Next. License Agreement** dialog box appears.
3. Choose **I accept the agreement** option. **Next** button will be enabled. Click **Next. Select Destination Location** dialog box appears.
4. Click **Browse** to select the destination path where the setup files are stored. Click **Next. Select Start Menu Folder** dialog box appears.
5. Click **Browse** to provide a path for the program's shortcuts. Click **Next. Select Additional Tasks** dialog box appears.
6. Select checkboxes as per your choice. Click **Next. Ready to Install** dialog box appears.
7. Review your selections. Click **Back** if you want to change them. Click **Install** to start the installation. The **Installing** window shows the installation process.
8. After completion of the process, Click **Finish** on **Setup installer** dialog box.

**Note:** Clear **Launch Setup installer** checkbox to prevent the software from launching automatically.

### 3.3. Getting Familiar with User Interface

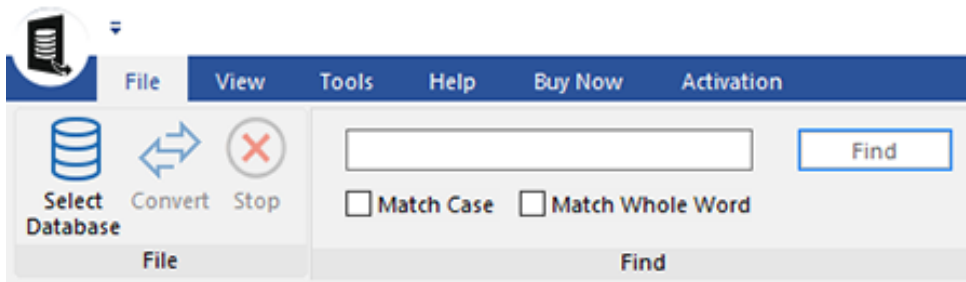
**Stellar Converter for Database** has an easy to use graphical user interface. The user interface contains features required for converting and saving one database to a different database format. After launching the software, you will see the main user interface as shown below. You can select any of the database types to start the conversion process.



The user interface contains buttons and ribbons that let you access various features of the software with ease.

## 3.3.1. Getting Familiar with Buttons and Ribbons

### 1. File Ribbon



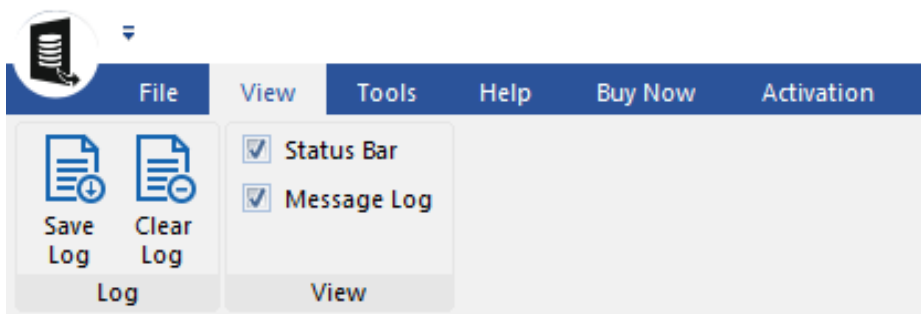
#### File

- **Select Database:** Use this option to select the database for conversion.
- **Convert:** Use this option to convert and save the database.
- **Stop:** Use this option to abort an ongoing process.

#### Find

Use this option to find details of a specific item of the tree. See [Find the Specific Item in Tree](#) for more details.

### 2. View Ribbon



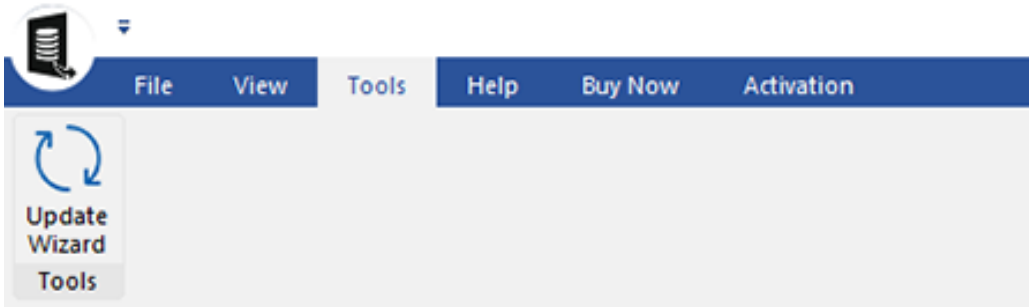
#### Log

- **Save Log:** Use this option to save the log report.
- **Clear Log:** Use this option to clear the log report.

#### View

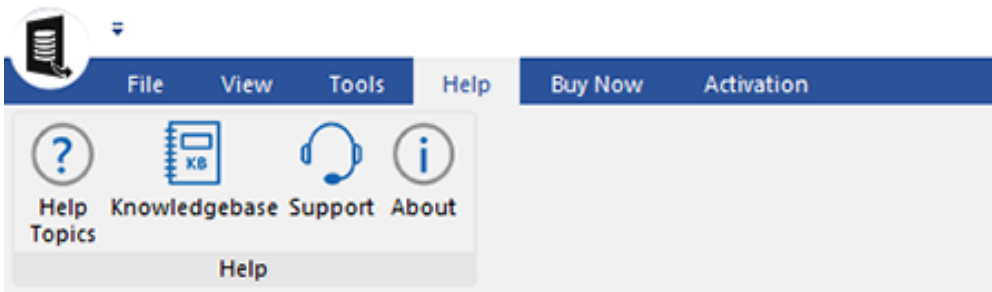
- **Status Bar/ Message Log:** Use this option to show or hide the **Status Bar** and **Message Log** window.

### 3. Tools Ribbon



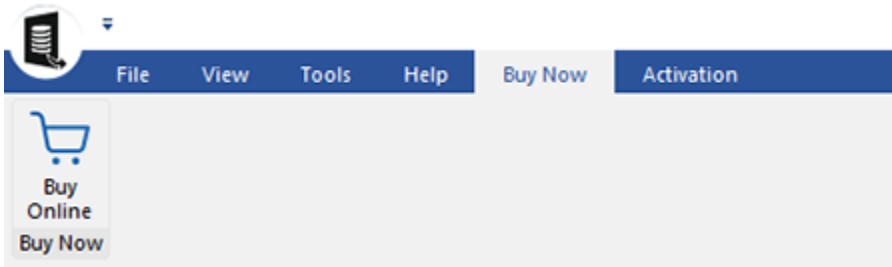
- **Update Wizard:** Use this option to update the software.

### 4. Help Ribbon



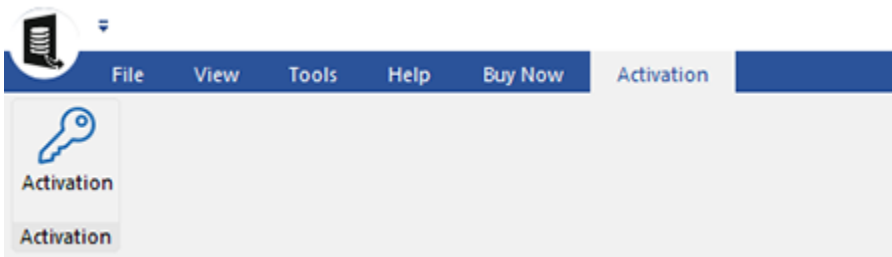
- **Help Topics:** Software is accompanied by a descriptive help document. Use this option to view the help manual for the software.
- **Knowledgebase:** Frequently asked questions and other common queries are available as a knowledgebase for your reference and to help you use the software to get the best outcome. Use this option to visit [Knowledgebase](#) articles of [stellarinfo.com](http://stellarinfo.com)
- **Support:** In case you don't find any related content in the help document or on the knowledgebase page that resolves your query, use this option view the [support page](#) of [stellarinfo.com](http://stellarinfo.com) and contact Stellar customer support.
- **About:** Use this option to read more information about the software.

## 5. Buy Now Ribbon



- **Buy Online:** Use this option to buy **Stellar Converter for Database**.

## 6. Activation Ribbon



- **Activation:** Use this option to activate the software.

## 3.4. Ordering the Software

Click <https://www.stellarinfo.com/sql-database-toolkit.php> to know more about **Stellar Toolkit for MS SQL**.

To purchase the software online, please visit <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>

Alternatively, click on **Buy Online** icon in **Buy Now** ribbon to purchase the software online.

Select either of the methods given above to purchase the software.

Once the order is confirmed, a serial number will be sent to you through e-mail, which would be required to activate the software.

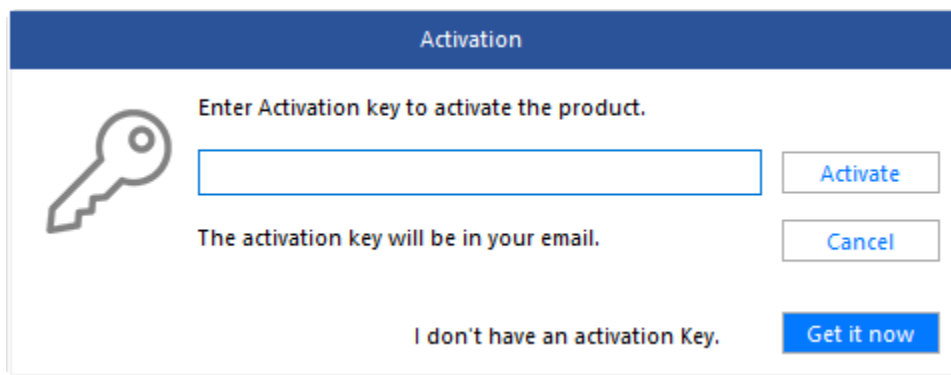
## 3.5. Activating the Software

The demo version is just for evaluation purposes and must be eventually activated to use the full functionality of the software. The software can be activated using the Activation Key that you receive via email after purchasing the software.

**Note:** Make sure that you have an active Internet connection.

To activate the software:

1. Run **Stellar Converter for Database**.
2. Click **Activation** button from **Activation** ribbon. A window, as displayed below, pops up on the screen.



Activation

Enter Activation key to activate the product.

The activation key will be in your email.

I don't have an activation Key.

Activate

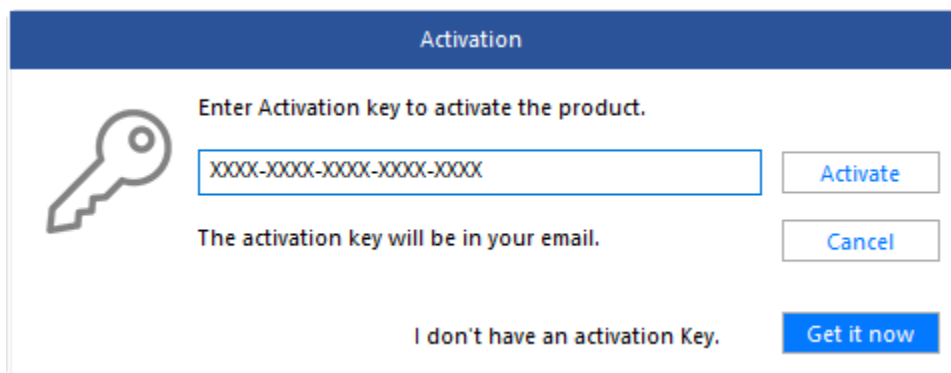
Cancel

Get it now

**Note:**

- If you don't have the activation key, click **Get it now** in the window to go online and purchase the software.
- When the order is confirmed, an Activation Key is provided.

3. Enter the **Activation Key** and click the **Activate**.



Activation

Enter Activation key to activate the product.

The activation key will be in your email.

I don't have an activation Key.

Activate

Cancel

Get it now

4. The software is activated after successful verification of the activation key you have entered.
5. **'Activation Completed Successfully'** message is displayed after the process is completed successfully. Click **OK** to use all the options of the software that have been unlocked after the activation.



**If you receive an error while activating the software, follow and verify the steps given below to fix the issue:**

**1. Check Installer and Re-enter Activation Key**

Make sure you have downloaded the correct installer. Use the download link given in the email or visit the desired product page to free download the software and then activate it using the code provided in your email.

**2. Uninstall All Other Versions of the software**

Uninstall any version of the software you may have installed earlier. Then re-install the desired version of the software and activate it.

**3. Re-Enter the Correct Activation Key Without Blank Spaces**

If copy and pasting the activation code isn't working, try to enter it manually. Sometimes, while copying, you may copy the blank spaces, which can cause software activation failure.

Entering code manually overcomes this issue. Alternatively, you may copy the code from email to notepad and then remove empty space from the beginning and end of the code. Then copy and paste the code in the activation window of the software.

## 3.6. Updating the Software

Stellar releases periodical software updates for **Stellar Converter for Database**. You can update the software to keep it up-to-date. These updates can add new functionality, feature, service, or any other information that can improve the software. The updates option of the software is capable of checking for the latest updates. This will check for both the latest minor and major versions available online. You can easily download the minor version through the update wizard. However, the major version, if available, has to be purchased. While updating the software, it's recommended to close all the running programs.

### To update Stellar Converter for Database:

- Run **Stellar Converter for Database**.
- Click **Update Wizard** from **Tools**.
- The **Update** Wizard window will open. Click **Next**. The wizard will search for the latest updates, and if it finds any new updates, a window will pop up indicating its availability.
- Click **Next** and the software will download the files from the update server. When the process is complete, the software will upgrade to the latest version.

### Live Update may not happen due to the following reasons:

- Internet connection failure
- Updates are not available
- Unable to download configuration files
- Unable to locate updated files or version
- Unable to locate the executable file

**Note:** *If a major version is available, you need to purchase the software to upgrade it.*

## 3.7. Stellar Support

Our Technical Support professionals will give solutions for all your queries related to Stellar products.

- You can either call us or go online to our support section at <http://stellarinfo.com/support/>
- For price details and to place the order, click <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>
- Chat Live with an Online technician at <https://www.stellarinfo.com/>
- Search in our extensive Knowledgebase at <https://www.stellarinfo.com/support/kb/>
- Submit enquiry at <https://www.stellarinfo.com/support/enquiry.php>
- E-mail to Stellar Support at [support@stellarinfo.com](mailto:support@stellarinfo.com)

## **4. Working with the Software**

4.1. Select and Find Database Type

4.2. Preview Database

4.3. Convert and Save Database

4.4. Find the Specific Item in Tree

4.5. Save Log Report

## 4.1. Select and Find Database Type

**Stellar Converter for Database** allows you to select, find and then scan the type of database you want to convert in any other database format.

### Steps to select a Database:

1. Run **Stellar Converter for Database**.
2. As soon as the software launches a **Select Database** window appears that helps you to select the required database. Alternatively, **Select Database** is also available under **File**. A window appears as shown below:

Name	Path	Size (MB)	Modified	Created

3. **Source Database** has a drop-down menu that consists of five different database formats. Select any:
  - **MS Access**
  - **MSSQL**
  - **MySQL**
  - **SQLAnywhere**
  - **SQLite**

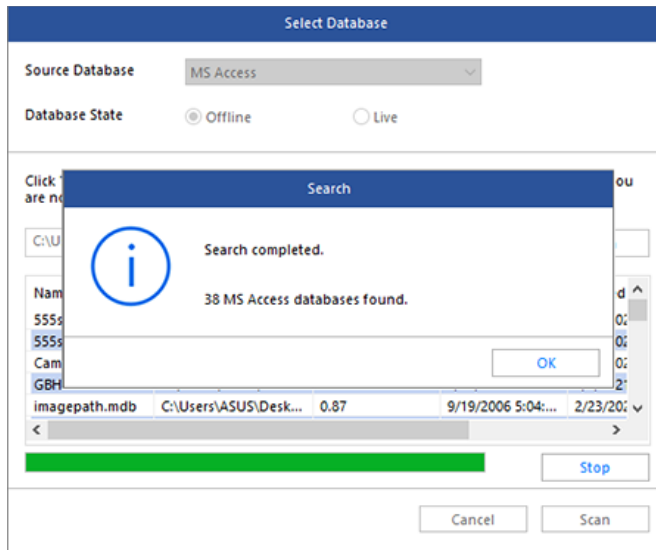
**Note:** For **MySQL**, you can browse to locate the desired database. However, you should provide a root folder that contains at least one database and the **ibdata** file for the corresponding database. You can search the **ibdata** file from a different location, however, it should correspond to the selected database. If the corresponding **ibdata** file is unavailable for a database then it cannot be converted.

4. **Database State** has two radio options, select any option as per the state of your database:
  - i. **Offline:** Select **Offline**, if your database is not connected to the server or it is saved in any other location.
  - ii. **Live:** Select **Live**, if your database is connected to the server, working, and is live.
5. After selecting the database state, you have two options to locate or find the database, **Browse** and **Search**.

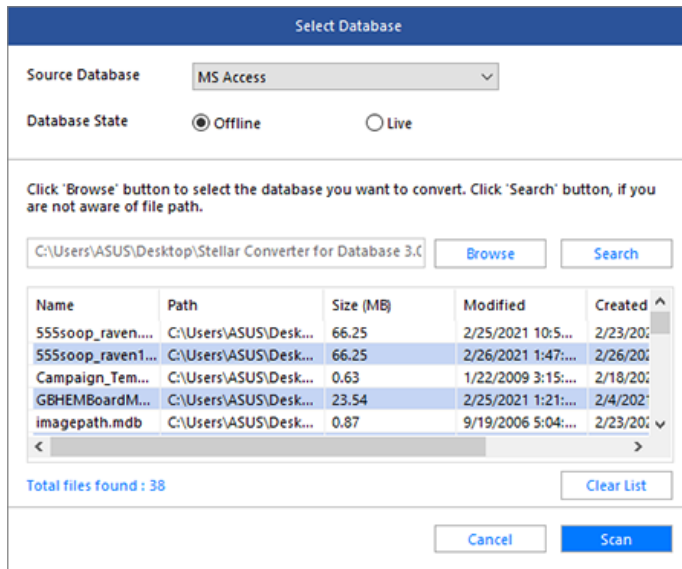
The screenshot shows a dialog box titled "Select Database". It features a "Source Database" dropdown menu currently set to "MS Access". Below this, there are two radio buttons for "Database State": "Offline" (which is selected) and "Live". A text input field contains the path "C:\Users\ASUS\Desktop\Stellar Converter for Database 3.C", with "Browse" and "Search" buttons to its right. Below the text field is a table with five columns: "Name", "Path", "Size (MB)", "Modified", and "Created". The table is currently empty. At the bottom of the dialog, there are "Cancel" and "Scan" buttons.

- i. **Browse:** Use **Browse** if you exactly know the location of the database on your system.
  - a. Click **Browse**. Locate and select the database and click **Open**.
  - b. **Scan** is now enabled, click it to start the scanning process.
  - c. After successful scanning, a dialog box with the message appears, "**Scanning process completed**".
  - d. Click **OK** to finish the process.
- ii. **Search:** Use **Search** if you do not know the location of the database on your system.
  - a. Click **Search** a **Browse for folder** window appears. Select the database folder/path and click **OK**.

- b. A dialog box appears with the message, "**Search completed**" with the type and number of databases found.



- c. Click **OK** to finish the search process.
- d. The list of the database found is shown in the table. Select the required database that needs to be converted.



- e. After selection, **Scan** is enabled, click it to start the scanning process.
- f. After successful scanning, a dialog box with the message appears, "**Scanning process completed**".
- g. Click **OK** to finish the process.

**Note:** *If you want to clear the search result, click **Clear List**.*

After the selection and scanning process are completed, the software provides a preview of the selected database. See [Preview Database](#) for more details.



## 4.2. Preview Database

After the database is scanned successfully, you can preview the data of the scanned file. The left pane displays a list of the database tables in a tree-like structure under the root node. Expand the tree to view tables of the database. The right pane shows all data of the selected table and the bottom pane shows the log report. A sample screen is displayed below:

The screenshot shows the Stellar Converter for Database application window. The interface includes a menu bar (File, View, Tools, Help, Buy Now, Activation), a toolbar with 'Select Database', 'Convert', and 'Stop' buttons, and a search box. The left pane displays a tree view of database tables under 'MS Access: D:\Internal\OLD H...'. The main area shows a data preview table with columns: CustomerID, CompanyName, ContactName, ContactTitle, Address, City, Region, PostalCode, Country, Phone, and Fax. The bottom pane displays a log report with summary statistics and a completion timestamp.

CustomerID	CompanyName	ContactName	ContactTitle	Address	City	Region	PostalCode	Country	Phone	Fax
RATIC	Rattlesnake Canyon...	Paula Wilson	Assistant Sales Rep...	2817 Milton Dr.	Albuquerque	NM	87110	USA	(505) 555-5939	(505) 555-3620
REGGC	Reggiani Caseifici...	Maurizio Moreni	Sales Associate	Strada Provinciale 1...	Reggio Emilia		42100	Italy	0522-556721	0522-556722
RICAR	Ricardo Adocados	Janete Limaia	Assistant Sales Agent	Ao. Copacabana, 207	Rio de Janeiro	RJ	02209-090	Brazil	(21) 555-3412	
RICSU	Richter Supermarkt	Michael Holz	Sales Manager	Grenzacherweg 237	Geneve		1203	Switzerland	0927-034214	
ROMEY	Romero y tornillo	Alegandra Camino	Accounting Manager	Gran Vinton-wester...	Madrid		28001	Spain	(91) 745 6200	(91) 745 6210
SANFG	Sante Gourmet	Jonas Bergulfen	Owner	Erling Skakkes gate...	Stavem		4110	Norway	07-98 92 35	07-98 92 47
SAVEA	Save-a-lot Markets	Jose Pavarotti	Sales Representative	187 Suffolk Ln.	Boise	ID	83720	USA	(208) 555-8097	
SEVES	Seven Seas Imports	Hari Kumar	Sales Manager	90 Wadhurst Rd.	London		OX15 4NB	UK	(171) 555-1717	(171) 555-5646
SIMOB	Simons bistro	Jytte Petersen	Owner	Vinb(inon-western...	K(inon-western cha...		1734	Denmark	31 12 34 56	31 13 35 97
SPECB	Spécialités du mon...	Dominique Pernier	Marketing Manager	25, rue Lauriston	Paris		75016	France	(1) 47 55 60 10	(1) 47 55 60 20
SPLIB	Spie Rail Beer & Ale	Art Brunschweiler	Sales Manager	P.O. Box 555	Lander		82520	USA	(307) 555-4680	(307) 555-4523
SUPRD	Suprêmes délices	Pascale Catrain	Accounting Manager	Boulevard Tirou, 255	Charleroi		B-6000	Belgium	(071) 23 67 22 20	(071) 23 67 22 21
THEBI	The Big Cheese	Liz Nixon	Marketing Manager	89 Jefferson Way,Su...	Portland	OR	97201	USA	(503) 555-3612	
THECK	The Cracker Box	Liu Wong	Marketing Assistant	55 Grizzly Peak Rd.	Butte	MT	59801	USA	(406) 555-5834	(406) 555-8083
TOMSP	Toms Spezialit(non...	Karin Josephs	Marketing Manager	Luisenstr. 48	Munster		44087	Germany	0251-031259	0251-035695
TORTU	Tortuga Restaurante	Miguel Angel Paoli...	Owner	Avda. Acteoa 123	Mexico D.F.		05033	Mexico	(5) 555-2933	
TRADH	Tradid(inon-western...	Anabela Domingues	Sales Representative	Au. Inês de Castro, ...	S(inon-western char...	SP	05034-030	Brazil	(11) 555-2167	(11) 555-2168
TRADH	Trail's Head Gourm...	Hellejos Nagy	Sales Associate	722 DalVino Blvd.	Kirkland	WA	98034	USA	(206) 555-8297	(206) 555-2174
VALFE	Vaffeljernet	Palle Ipsen	Sales Manager	Smagsti(inon-west...	(inon-western chara...		8200	Denmark	86 22 32 43	86 22 32 44
VICTE	Victualles en stock	Mary Saveley	Sales Agent	2, rue du Commerce	Lyon		69004	France	78.32.54.86	78.32.54.87
VINET	Vins et alcools Che...	Paul Henriot	Accounting Manager	59 rue de l'Abbaye	Reims		51100	France	26.47.15.10	26.47.15.11
WANDK	Die Wandende Kuh	Rita Müller	Sales Representative	Adenauerallee 900	Stuttgart		70563	Germany	0711-020361	0711-035428
WARTH	Wartian Herkku	Pirkko Koskitalo	Accounting Manager	Tonikatu 38	Oulu		90110	Finland	981-443655	981-443655
WELLI	Wellington Importa...	Paula Parente	Sales Manager	Rua do Mercado, 12	Resende	SP	08737-363	Brazil	(14) 555-8122	
WIVETC	White Clover Mark...	Kari Järvenpää	Owner	351 - 14th Ave. S.S...	Seattle	WA	98109	USA	(206) 555-4112	(206) 555-4115
WILKIK	Wilman Kala	Matti Karttunen	Owner/Marketing...	Keskuskatu 45	Helsinki		21240	Finland	90-224 8858	90-224 8858
WOLZA	Wolski Zajazd	Zbyszek Priestronie...	Owner	ul. Filibrowa 68	Warszawa		01-012	Poland	(26) 642-7012	(26) 642-7012

To find details of a specific item of the tree, use **Find** option from the **File** ribbon, refer to Find the Specific Item in Tree.

**Note:** By default, all the checkboxes of the tree view are selected. You can click on a specific item in the tree view to preview its content.

**Note:** The software takes time to process and preview long tables. The time taken in the previewing process depends on the number of records present in the table. To skip the preview process, click **Stop** from **File**. This does not affect the conversion results when you convert the database.

**Note:** You can also view the log report of the process at the bottom of the user interface.

## 4.3. Convert and Save Database

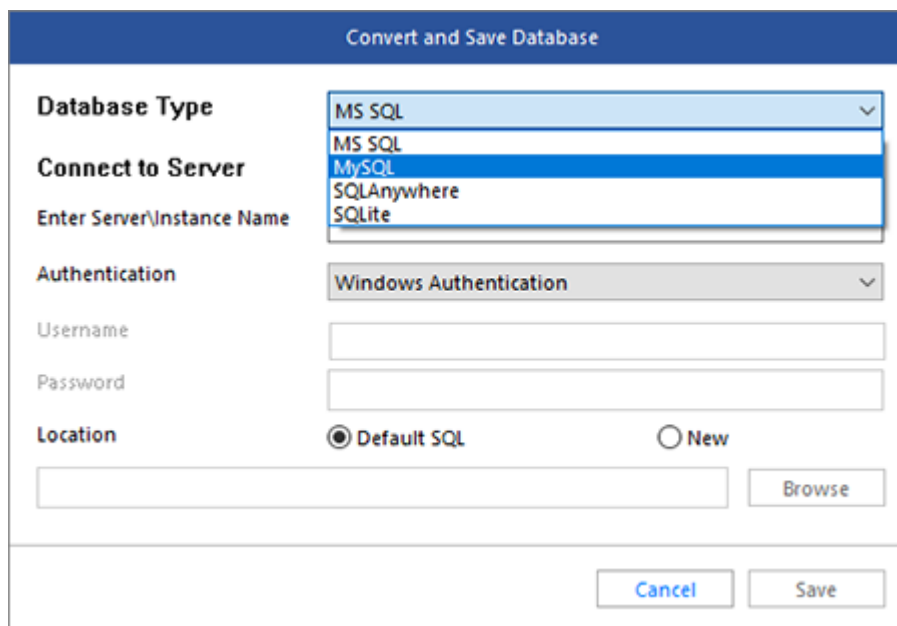
After scanning of the database file is completed, you can convert and save the database in different database format.

Either a single component or entire database can be saved. To save a single component, uncheck all the other components by clearing corresponding checkboxes.

**Note:** By default, all the checkboxes of the tree are selected.

### Steps to convert and save a database:

1. Run **Stellar Converter for Database**.
2. See Select and Find Database Type to see how to select a database.
3. Click **Convert** from **File** to convert the database.
4. **Convert and Save Database** window appears.



The screenshot shows the 'Convert and Save Database' dialog box. It features a title bar and several sections for configuration. The 'Database Type' section has a dropdown menu with 'MS SQL' selected, and a list of options including 'MS SQL', 'MySQL', 'SQLAnywhere', and 'SQLite'. The 'Connect to Server' section has a dropdown menu with 'Windows Authentication' selected. The 'Enter Server/Instance Name' section has a text input field. The 'Authentication' section has a dropdown menu with 'Windows Authentication' selected. The 'Username' and 'Password' sections have text input fields. The 'Location' section has radio buttons for 'Default SQL' (selected) and 'New', and a text input field with a 'Browse' button. At the bottom, there are 'Cancel' and 'Save' buttons.

5. The following options of database formats are available, to convert the scanned database file:
  - Convert and Save to MS Access
  - Convert and Save to MSSQL
  - Convert and Save to MySQL
  - Convert and Save to SQL Anywhere
  - Convert and Save to SQLite

**Note:** Make sure that you meet the Prerequisites required to convert your scanned database file. You might need to establish the connection to the server depending on the type of database format you choose. The process of the connection to the server is different for different databases.

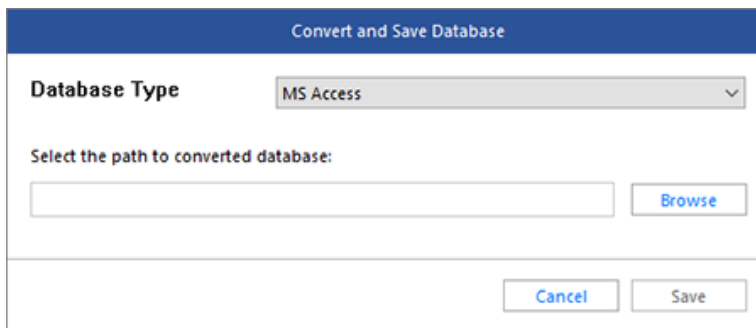
**Note:** **Convert and Save Database** window will not include the database type that you have scanned. For example, if you have scanned the MySQL database and want to convert it to another database format, then the **Convert and Save Database** window will not show MySQL under **Database Type**.

## 4.3.1. Convert and Save to MS Access

To convert the database into MS Access you just have to select the location and start the conversion process.

**Steps to convert and save the database into MS Access:**

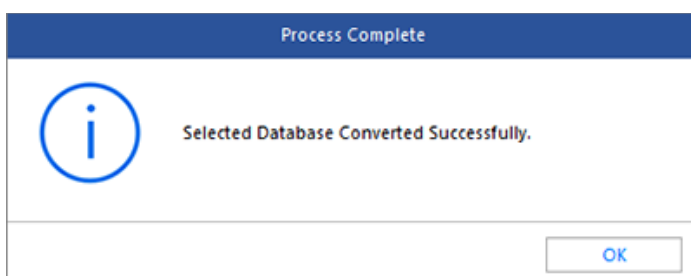
1. Run **Stellar Converter for Database**.
2. See Select and Find Database Type to see how to select a database.
3. Click **Convert** from **File** to convert the database.
4. **Convert and Save Database** window appears. Select **MS Access** under **Database Type**.



5. Click **Browse** and select a destination for saving the converted file.
6. When done, click **Save** to convert and save the scanned database file into **MS Access** database file.

**Note:** You can select both *.mdb/.accdb* as source

7. After successful completion, a dialog box appears with the message, "**Selected Database Converted Successfully**".
8. Click **OK** to finish the process.

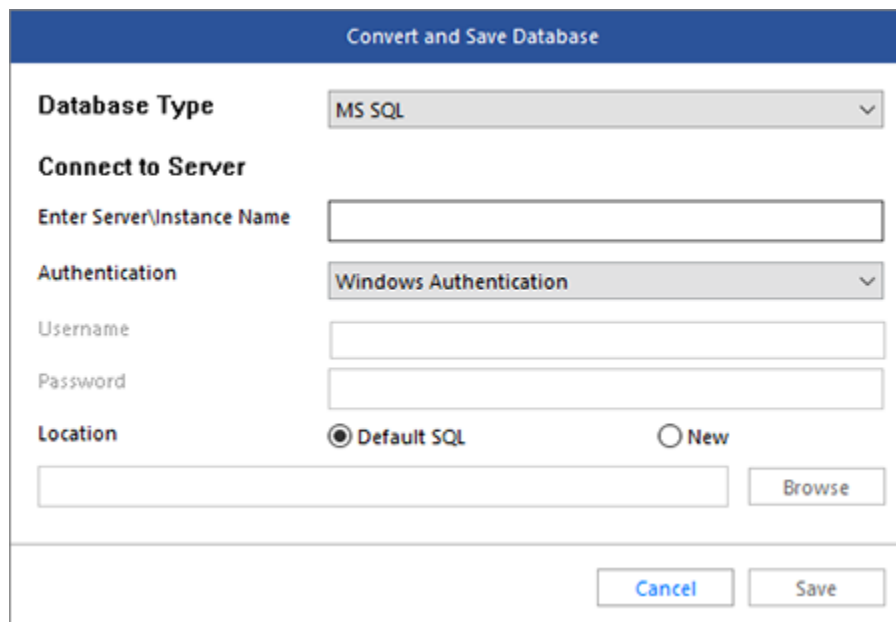


## 4.3.2. Convert and Save to MSSQL

To convert the database into MSSQL format, you need to establish the connection with the MSSQL server. Without establishing the connection the conversion and saving process is not possible.

### Steps to convert and save the database into MSSQL:

1. Run **Stellar Converter for Database**.
2. See **Select and Find Database Type** to see how to select a database.
3. Click **Convert** from **File** to convert the database.
4. **Convert and Save Database** window appears. Select **MS SQL** under **Database Type**.



The screenshot shows the 'Convert and Save Database' dialog box. It has a blue header with the title 'Convert and Save Database'. Below the header, there are several sections:

- Database Type:** A dropdown menu with 'MS SQL' selected.
- Connect to Server:** A section containing:
  - Enter Server\Instance Name:** An empty text input field.
  - Authentication:** A dropdown menu with 'Windows Authentication' selected.
  - Username:** An empty text input field.
  - Password:** An empty text input field.
- Location:** A section containing:
  - Two radio buttons: 'Default SQL' (which is selected) and 'New'.
  - An empty text input field.
  - A 'Browse' button.

At the bottom of the dialog box, there are two buttons: 'Cancel' and 'Save'.

5. Under **Connect to Server** fill the following entries:
  - i. **Enter Server \ Instance Name**
  - ii. **Authentication:** Choose the **Authentication** method from the drop-down list for logging into the server:
    - If the authentication method selected is **Windows Authentication**, you don't need to enter the user name and password.
    - If the selected authentication method is **SQL Server Authentication**, enter the server **Username** and **Password**.

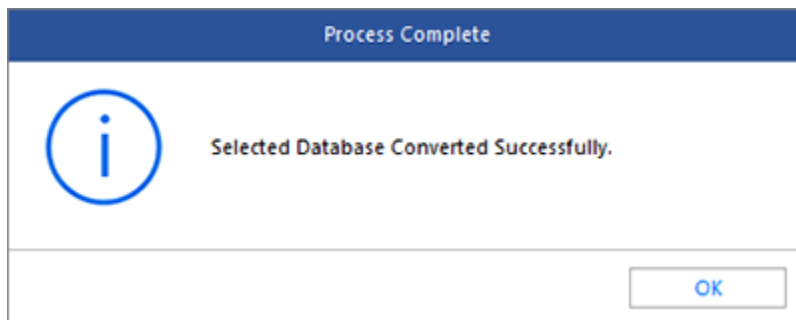
iii. Select the location for saving the converted file:

- **Default SQL:** Saves the database to the default location.
- **New:** You can save the database at your desired location. Click **Browse** and select the location where you want to save your database file.

6. After filling the information, click **Save** to convert and save the scanned database file into MSSQL.

7. After successful completion, a dialog box appears with the message, "**Selected Database Converted Successfully**".

8. Click **OK** to finish the process.

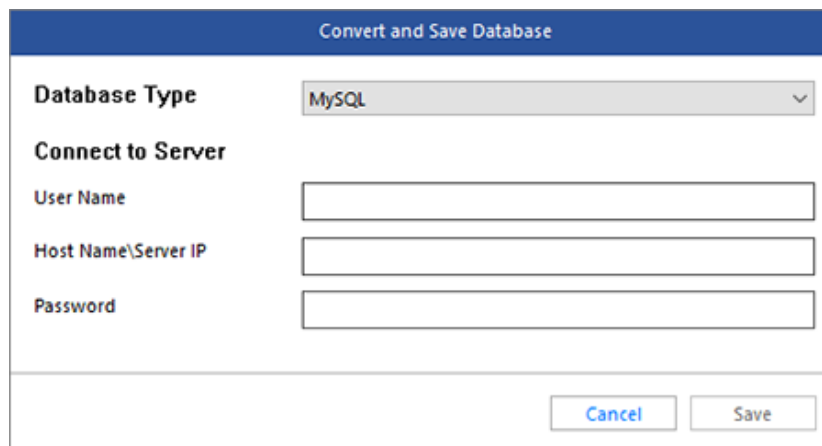


### 4.3.3. Convert and Save to MySQL

To convert the database into MySQL format, you need to establish the connection with the MySQL server. Without establishing the connection the conversion and saving process is not possible.

#### Steps to convert and save the database into MySQL:

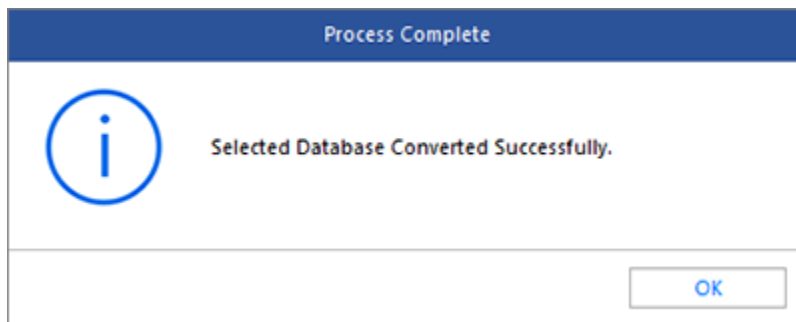
1. Run **Stellar Converter for Database**.
2. See Select and Find Database Type to see how to select a database.
3. Click **Convert** from **File** to convert the database.
4. **Convert and Save Database** window appears. Select **MySQL** under **Database Type**.



The screenshot shows a dialog box titled "Convert and Save Database". It has a blue header bar. Below the header, there is a section labeled "Database Type" with a dropdown menu currently showing "MySQL". Underneath, there is a section labeled "Connect to Server" which contains three text input fields: "User Name", "Host Name\Server IP", and "Password". At the bottom right of the dialog box, there are two buttons: "Cancel" and "Save".

5. Under **Connect to Server** fill the following entries:
  - **User Name**
  - **Host Name\Server IP**
  - **Password.**
6. After filling the information, click **Save** to convert and save the scanned database file into MySQL database.

7. After successful completion, a dialog box appears with the message, "**Selected Database Converted Successfully**".
8. Click **OK** to finish the process.



**Note:** In order to save the MySQL database, MySQL 8.0 ODBC driver 32-bit must be pre-installed on the system.



## 4.3.4. Convert and Save to SQL Anywhere

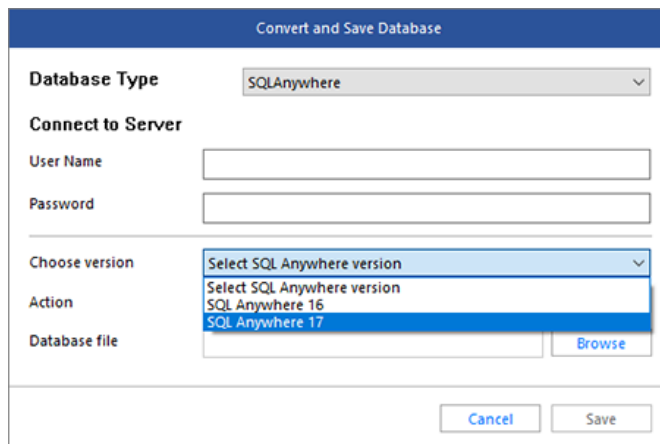
To convert the database into SQL Anywhere format, you need to establish the connection with the SQL Anywhere server. Without establishing the connection the conversion and saving process is not possible.

In order to convert and save to SQL Anywhere format, you first need to create a new database file in SQL Anywhere application. To do this:

- Open **SQL Anywhere** application and create a new database file (.db), in which you want to save the converted database file.

### Steps to convert and save the database into SQL Anywhere:

1. Run **Stellar Converter for Database**.
2. See Select and Find Database Type to see how to select a database.
3. Click **Convert** from **File** to convert the database.
4. **Convert and Save Database** window appears. Select **SQL Anywhere** under **Database Type**.



The screenshot shows the 'Convert and Save Database' dialog box. It has a blue header with the title 'Convert and Save Database'. Below the header, there are several sections: 'Database Type' with a dropdown menu set to 'SQLAnywhere'; 'Connect to Server' with two text input fields for 'User Name' and 'Password'; 'Choose version' with a dropdown menu that is open, showing three options: 'Select SQL Anywhere version', 'SQL Anywhere 16', and 'SQL Anywhere 17'; 'Action' with a dropdown menu; and 'Database file' with a text input field and a 'Browse' button. At the bottom of the dialog, there are 'Cancel' and 'Save' buttons.

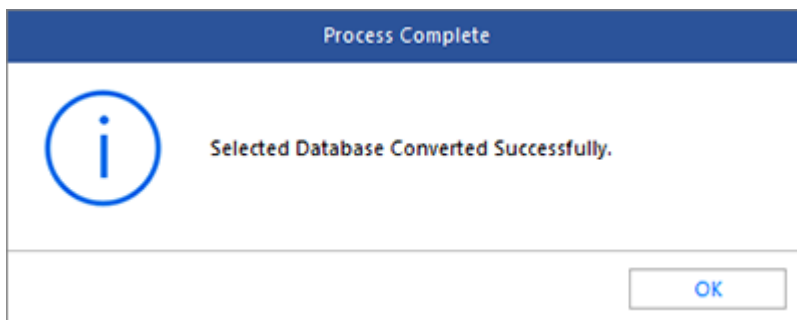
5. Under **Connect to Server** complete the following entries:
  - **User Name**
  - **Password**
  - **Choose version:** Select the version of **SQL Anywhere** from the drop-down menu.

**Note:** Make sure that the versions of **SQL Anywhere** application installed on your computer and source and target SQL Anywhere file (.db) are same.

- **Action:** If you want to save the converted file to a newly created database file then select **Connect to an offline empty database** in the drop-down menu.
- **Database file:** Click **Browse** and locate the destination of the newly created database file where the converted data is to be saved. Alternatively, if you want to save the converted file to a live database then select **Connect to a running database** in the drop-down-menu and provide the **Server Name**.

**Note:** The **User Name** and **Password** under **Connect to Server** should be filled as per your selection of saving database into **an offline empty database** or **a running database**.

6. When done, click **Save** to convert and save the scanned database file into **SQL Anywhere** database file.
7. After successful completion, a dialog box appears with the message, "**Selected Database Converted Successfully**".
8. Click **OK** to finish the process.



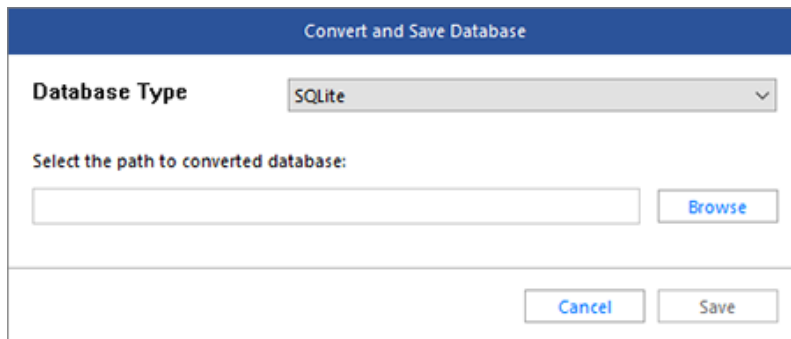
## 4.3.5. Convert and Save to SQLite

To convert the database into SQLite you just have to select the location and start the conversion process.

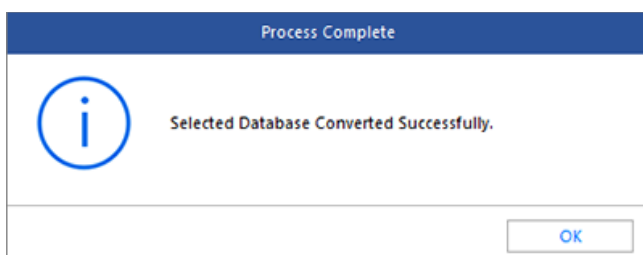
### Steps to convert and save the database into SQLite:

1. Run **Stellar Converter for Database**.
2. See **Select and Find Database Type** to see how to select a database.
3. Click **Convert** from **File** to convert the database.
4. **Convert and Save Database** window appears. Select **SQLite** under **Database Type**.

**Note:** You can select `.db/SQLite` both as source

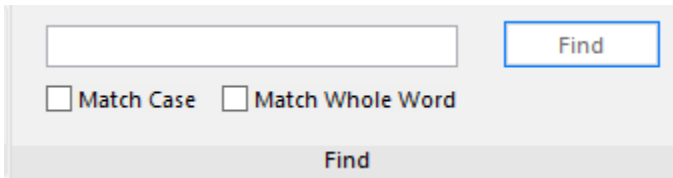


5. Click **Browse** and select a destination for saving the converted file.
6. When done, click **Save** to convert and save the scanned database file into **SQLite** database file. The file will be saved in `.db` format.
7. After successful completion, a dialog box appears with the message, "**Selected Database Converted Successfully**".
8. Click **OK** to finish the process.



## 4.4. Find the Specific Item in Tree

**Stellar Converter for Database** gives the option to find particular items in the tree as shown below:



**Steps to find a particular item:**

1. Go to **File** ribbon to find the tree items.
2. Enter the item name in the text box and click **Find** button.
3. If that item is present in the database, it is highlighted in the tree.
4. Use back  and forward  button to traverse the tree.
5. To narrow down the search results, you can select the **Match Case** or **Match Whole Word** check box.

## 4.5. Save Log Report

With **Stellar Converter for Database**, you can view the log of the process at the bottom of the user interface. A sample Log Report is shown below. You can save the **Log Report** to analyze the conversion process at a later stage.



### Steps to save the log report:

1. From **View**, select **Save Log**.
2. In **Save As** window, select the location where you want to save the log report.
3. When done, click **Save**.

### Steps to clear the log report:

1. From **View**, select **Clear Log**.

## 5. Frequently Asked Questions (FAQs)

### 1. What does the demo version of Stellar Converter for Database do?

Demo version of the **Stellar Converter for Database** shows only scan and displays the preview of the database. To convert and save the scanned database, you need to purchase and activate the software.

### 2. Does the converter software make changes to my original file?

No, the software makes no changes to the original file.

### 3. How much time Stellar Converter for Database will take to scan and convert the database?

The time taken in scanning and converting the database will totally dependent upon the size of the selected database file.

### 4. Are prerequisite software needed to be installed on the system for previewing the database?

No, the installation of prerequisite software is not required for the previewing the database.

### 5. Is it possible to know the total number of records converted after the conversion process?

Yes, to know how many records have been converted and other details, view the log report in the bottom pane of the user interface.

### 6. Is the internet required for the conversion process?

The internet is not required for the conversion process.

### 7. Do all server software need to be installed for the conversion of one database type to another?

Yes, for source and target database type server need to be installed.

### 8. Can we convert multiple databases simultaneously?

No, you cannot convert multiple databases simultaneously.

### 9. Does the software converts a limited number of records?

No, the software doesn't convert a limited number of records.



# **Stellar Log Analyzer for MS SQL**

**User Guide for version 10.0**

# 1. About Stellar Log Analyzer for MS SQL

**Stellar Log Analyzer for MS SQL** allows you to view and read the MS SQL Server database transactions log files. The DML transaction statements - Insert, Delete, Update can be analyzed through this tool. It is a beneficial tool to get a detailed analysis of all log file transactions belonging to an SQL Server database.

With **Stellar Log Analyzer for MS SQL** you will be able to see Transaction type, Time, Transaction Name, Table Name, Query and what transactions i.e. insert, delete and update were done. It's a complete package for search and analysis of any log (LDF) file. Using this software you can thoroughly analyze the forensic details of MS SQL transaction log in simplified way.

## Key Features:

- Support for MS SQL Server 2019, MS SQL Server 2017, MS SQL Server 2016, MS SQL Server 2014, MS SQL Server 2012 R2, 2012, MS SQL Server 2008 R2, 2008, MS SQL Server 2005.
- Searches LDF files in the computer.
- Displays preview of database transactions and their respective data.
- Allows finding of object name in tree view.
- Support for automatic recreation of a new database having all the recovered database items.
- Support for large SQL Server LDF files for all versions.
- Support for separate log report after scanning database.
- Support for Sorted tables in tree view and generates sorted log report.
- Support for fast scanning algorithms.
- Support for total row count detail in each table for all versions.
- Allows to save log tables data to MDF, CSV, HTML and XLS format.
- Allows to save log transactions in CSV, HTML and XLS format.
- Allows to select transaction type (Insert, Delete, Update, Create and Drop) while saving log tables data and log transactions.
- Option to apply date range filter on log tables data and log transactions while saving.
- Compatible with Windows 10 / 8.1 / 8 / 7 and Windows Server 2012 / 2008.



## 2. About the Guide

This user guide contains steps to assist you through various functions of **Stellar Log Analyzer for MS SQL**. Each function is explained in detail, in the corresponding sections.

**The guide covers the following major topics:**

1. About Stellar Log Analyzer for MS SQL
2. About the Guide
3. Getting Started
4. Working with the Software
5. Frequently Asked Questions (FAQs)
6. About Stellar

**This guide has the following features for easy navigation and understanding:**

- There are Notes and Tips in some topics of this guide for better understanding and ease of work. These **Notes** and **Tips** are given in italics style.

This is a web-based guide and requires an active internet connection. You can read this guide with all popular browsers like Chrome, Firefox, Internet Explorer, and Safari. For the best viewing experience, it is recommended to use the **Chrome** browser.

## **3. Getting Started**

3.1. Installation Procedure

3.2. Getting familiar with User Interface

3.3. Ordering the Software

3.4. Activating the Software

3.5. Updating the Software

3.6. Stellar Support

## 3.1. Installation Procedure

Before installing the software, ensure that your system meets the minimum system requirements.

### Minimum System Requirements

- **Processor:** Intel compatible (x86, x64)
- **Operating System:** Windows 10 / Windows 8.1 / Windows 8 / Windows 7 and Windows Server 2012 / 2008
- **Memory:** 8 GB (Recommended) 4 GB (Minimum)
- **Hard Disk:** 250 MB for installation files (Minimum)
- **MS SQL Server:** MS SQL Server 2019, MS SQL Server 2017, MS SQL Server 2016, MS SQL Server 2014, MS SQL Server 2012, 2012 R2, MS SQL Server 2008, 2008 R2, MS SQL Server 2005

### To install the software:

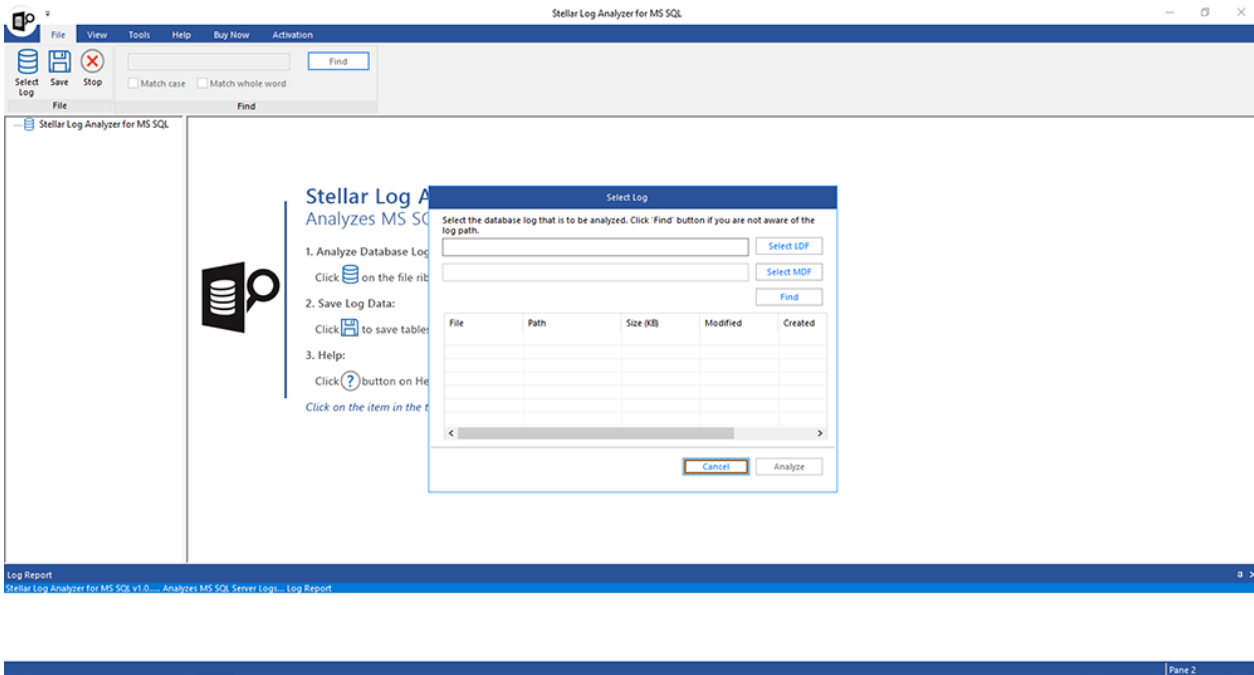
1. Double-click on **Setup installer**, dialog box is displayed.
2. Click **Next. License Agreement** dialog box is displayed.
3. Choose **I accept the agreement** option. **Next** button will be enabled. Click **Next. Select Destination Location** dialog box is displayed.
4. Click **Browse** to select the destination path where the setup files will be stored. Click **Next. Select Start Menu Folder** dialog box is displayed.
5. Click **Browse** to provide path for program's shortcuts. Click **Next. Select Additional Tasks** dialog box is displayed.
6. Select check boxes as per your choice. Click **Next. Ready to Install** dialog box is displayed.
7. Review your selections. Click **Back** if you want to change them. Click **Install** to start installation. The Installing window shows the installation process.
8. After completion of the process, Click **Finish** on **Setup installer** dialog box.

**Note:** Clear **Launch Setup installer** checkbox to prevent the software from launching automatically.

## 3.2. Getting familiar with User Interface

Stellar Log Analyzer for MS SQL has a simple and easy to use Graphical User Interface (GUI).

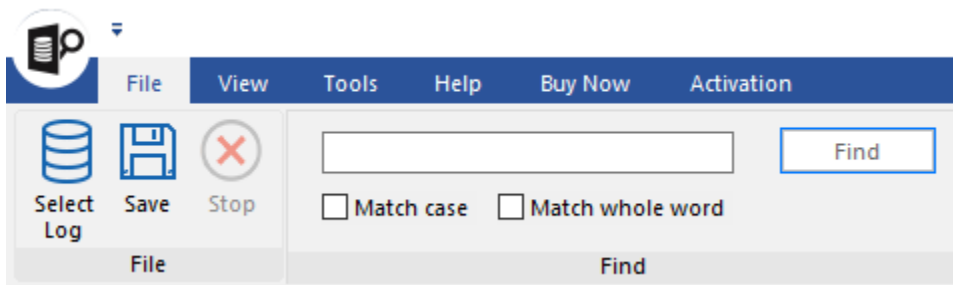
After launching the software, the main user interface appears as shown below:



The user interface contains buttons and ribbons that let you access various features of the software with ease.

## 3.2.1. Getting familiar with Ribbons and Buttons

### 1. File Ribbon



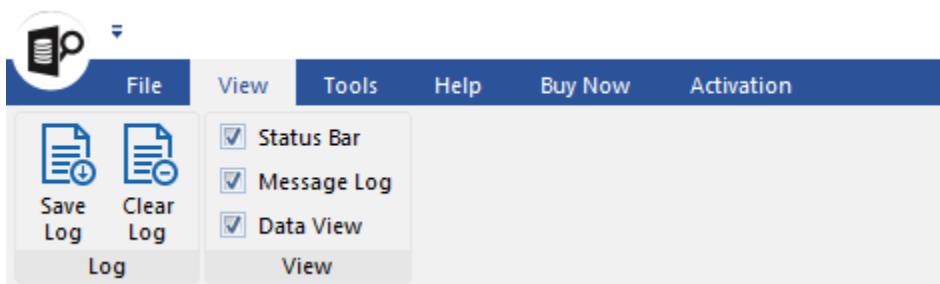
#### a. File

- **Select Log:** Use this option to select MS SQL Log LDF and MDF file for analysis.
- **Save:** Use this option to save MS SQL Log file.
- **Stop:** Use this option to stop the ongoing analysis process.

#### b. Find

Use this option to find details of a specific item in the tree. See Find the Specific Item in Tree for more details.

### 2. View Ribbon



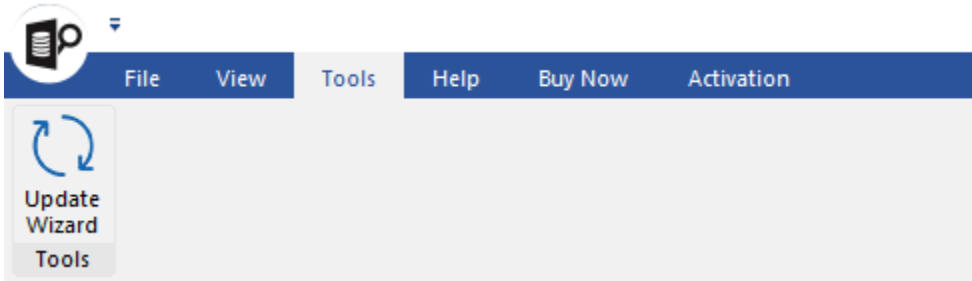
#### a. Log

- **Save Log:** Use this option to save the log report.
- **Clear Log:** Use this option to clear the log report.

#### b. View

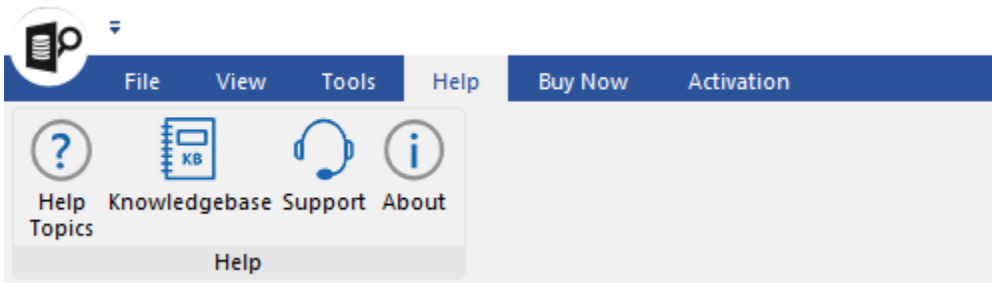
Use this option to show or hide the **Status Bar**, **Message Log** and **Data View**.

### 3. Tools Ribbon



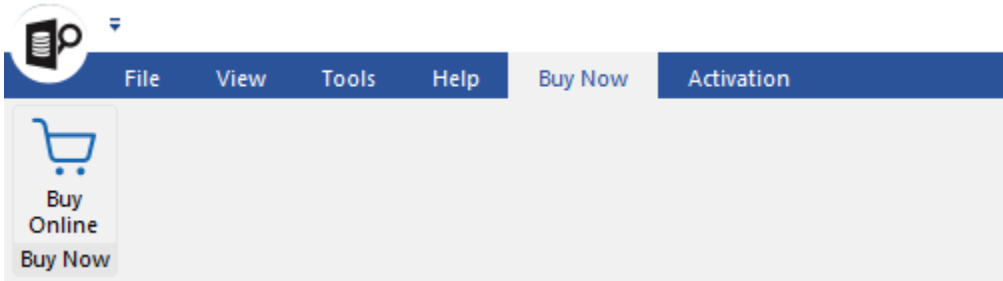
- **Update Wizard:** Use this option to update the software. Use this option to check for both, major and minor versions of the software.

### 4. Help Ribbon



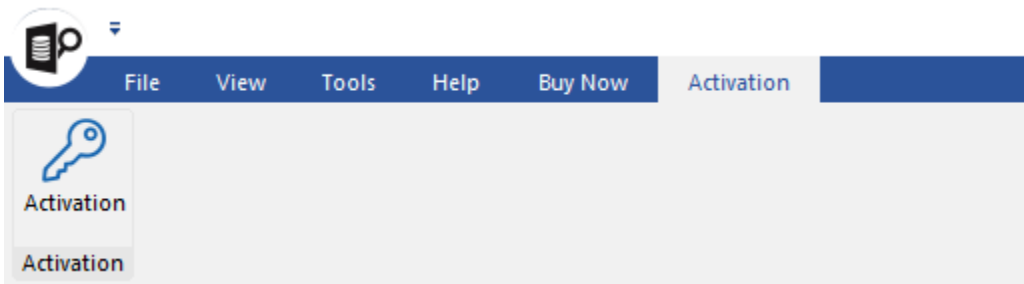
- **Help Topics:** Software is accompanied by a descriptive help document. Use this option to view the help manual for the software.
- **Knowledgebase:** Frequently asked questions and other common queries are available as a knowledgebase for your reference and to help you use the software to get the best outcome. Use this option to visit [Knowledgebase](#) articles of [stellarinfo.com](#).
- **Support:** In case you don't find any related content in the help document or on the knowledgebase page that resolves your query, use this option view the [Support page](#) of [stellarinfo.com](#) and contact Stellar customer support.
- **About:** Use this option to read more information about the software.

## 5. Buy Now Ribbon



- **Buy Online:** Use this option to buy **Stellar Log Analyzer for MS SQL**.

## 6. Activation Ribbon



- **Activation:** Use this option to activate the software.

## 3.3. Ordering the Software

Click <https://www.stellarinfo.com/sql-database-toolkit.php> to know more about **Stellar Toolkit for MS SQL**.

To purchase the software online, please visit <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>

Alternatively, click on **Buy Online** icon in **Buy Now** ribbon to purchase the software online.

Select either of the methods given above to purchase the software.

Once the order is confirmed, a serial number will be sent to you through e-mail, which would be required to activate the software.



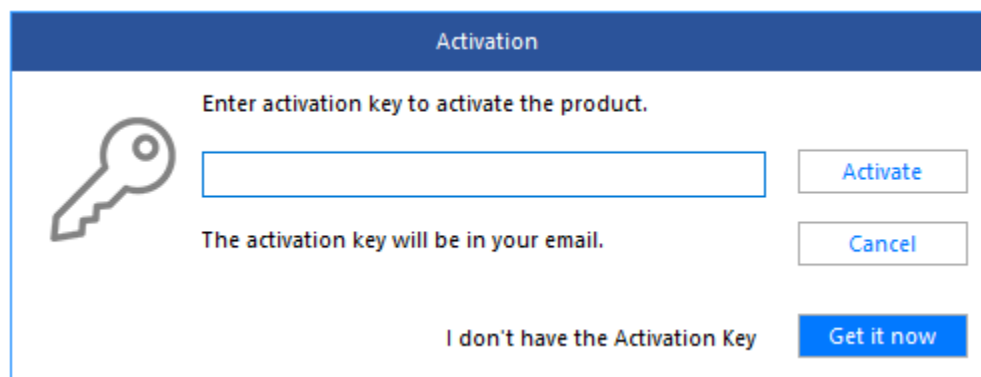
## 3.4. Activating the Software

The demo version is just for evaluation purposes and must be eventually activated to use the full functionality of the software. The software can be activated using the Activation Key that you receive via email after purchasing the software.

**Note:** Make sure that you have an active Internet connection.

To activate the software:

1. Run **Stellar Log Analyzer for MS SQL**.
2. Click **Activation** button from **Activation** ribbon. A window appears, as shown below:



Activation

Enter activation key to activate the product.

The activation key will be in your email.

I don't have the Activation Key

Activate

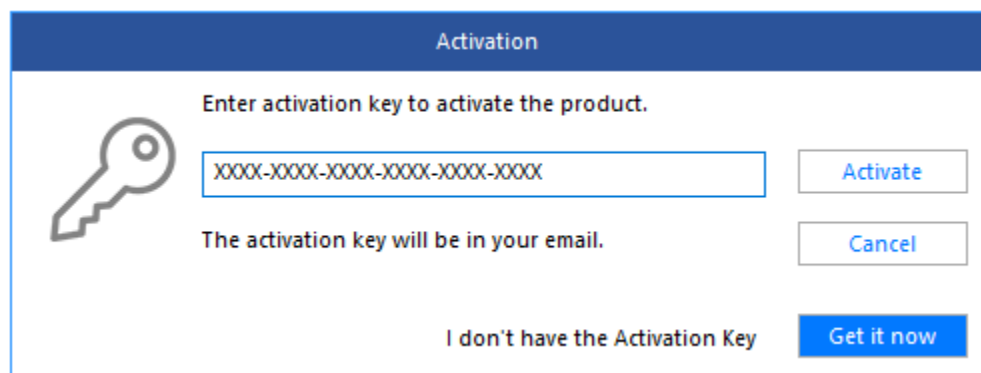
Cancel

Get it now

**Note:**

- If you don't have the activation key, click **Get it now** in the window to go online and purchase the software.
- When the order is confirmed, an Activation Key is provided.

3. Enter the **Activation Key** and click **Activate**.



Activation

Enter activation key to activate the product.

The activation key will be in your email.

I don't have the Activation Key

Activate

Cancel

Get it now

4. The software is activated after successful verification of the activation key you have entered.
5. **'Activation Completed Successfully'** message is displayed after the process is completed successfully. Click **OK** to use all the options of the software that have been unlocked after the activation.

**If you receive an error while activating the software, follow and verify the steps given below to fix the issue:**

**1. Check Installer and Re-enter Activation Key**

Make sure you have downloaded the correct installer. Use the download link given in the email or visit the desired product page to free download the software and then activate it using the code provided in your email.

**2. Uninstall All Other Versions of the software**

Uninstall any version of the software you may have installed earlier. Then re-install the desired version of the software and activate it.

**3. Re-Enter the Correct Activation Key Without Blank Spaces**

If copy and pasting the activation code isn't working, try to enter it manually. Sometimes, while copying, you may copy the blank spaces, which can cause software activation failure.

Entering code manually overcomes this issue. Alternatively, you may copy the code from email to notepad and then remove empty space from the beginning and end of the code. Then copy and paste the code in the activation window of the software.

## 3.5. Updating the Software

Stellar releases periodical software updates for **Stellar Log Analyzer for MS SQL**. You can update the software to keep it up-to-date. These updates can add new functionality, feature, service, or any other information that can improve the software. The updates option of the software is capable of checking for the latest updates. This will check for both the latest minor and major versions available online. You can easily download the minor version through the update wizard. However, the major version, if available, has to be purchased. While updating the software, it's recommended to close all the running programs.

### Steps to update Stellar Log Analyzer for MS SQL :

1. Click **Update Wizard** from **Tools**.
2. The **Update** Wizard window will open. Click **Next**. The wizard will search for the latest updates, and if it finds any new updates, a window will pop up indicating its availability.
3. Click **Next** and the software will download the files from the update server. When the process is complete, the software will upgrade to the latest version.

### Live Update may not happen due to the following reasons:

- Internet connection failure
- Updates are not available
- Unable to download configuration files
- Unable to locate updated files or version
- Unable to locate the executable file

**Note:** *If a major version is available, you need to purchase the software to upgrade it.*

## 3.6. Stellar Support

Our Technical Support professionals will give solutions for all your queries related to Stellar products.

- You can either call us or go online to our support section at <https://stellarinfo.com/support/>
- For price details and to place the order, click <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>
- Chat Live with an Online technician at <https://www.stellarinfo.com/>
- Search in our extensive Knowledge Base at <https://www.stellarinfo.com/support/kb>
- Submit enquiry at <https://www.stellarinfo.com/support/enquiry.php>
- Send e-mail to Stellar Support at [support@stellarinfo.com](mailto:support@stellarinfo.com)

## 4. Working with the Software

4.1. Select or Find MS SQL Log (LDF) File

4.2. Analyze LDF File

4.3. Save LDF File

4.4. Find Specific Item in Tree

4.5. Save Log Report

## 4.1. Select or Find MS SQL Log (LDF) File

**Stellar Log Analyzer for MS SQL** allows you to select log file (.ldf) and primary data file (.mdf) from your system to analyze all transactions (insert, delete, update, create and drop) completed by the server.

**Steps to select LDF and MDF file:**

1. Run **Stellar Log Analyzer for MS SQL**.
2. From **File** ribbon, click **Select Log** icon to open **Select Log** window **OR** from **Quick Access Toolbar**, click **Select Log** option to open **Select Log** window.
  - Alternatively, by default **Select Log** window appears while the software is launched.

Select Log

Select the database log that is to be analyzed. Click 'Find' button if you are not aware of the log path.

File	Path	Size (KB)	Modified	Created

3. On **Select Log** window, click **Select LDF** button to select the required LDF/MDF file.

**Note:** If MDF and LDF files are stored at the same location, the software will auto-detect MDF file. However, MDF file stored at a different location has to be manually added.

- An **Open** window appears. Browse and select the desired file and click on **Open** button. Selected LDF and MDF paths are reflected in the corresponding boxes.

File	Path	Size (KB)	Modified	Created

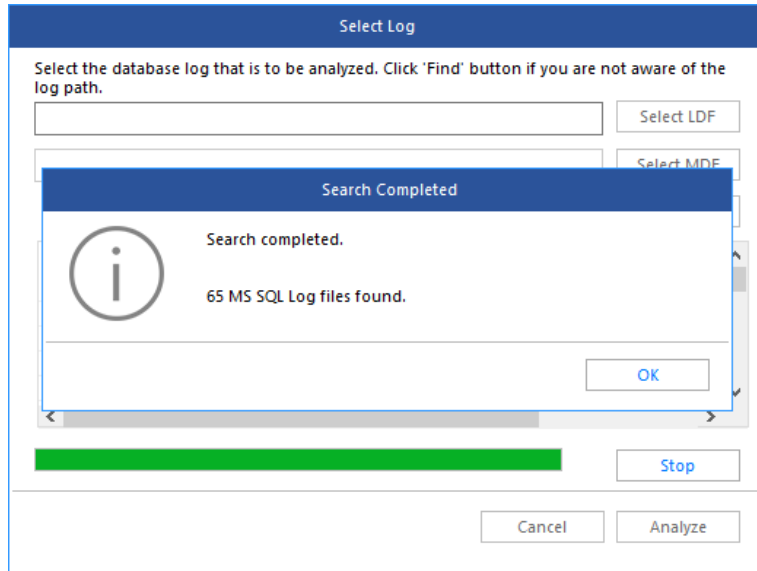
#### Steps to find LDF files:

- From **File** ribbon, click **Select Log** icon to open **Select Log** window **OR** from **Quick Access Toolbar**, click **Select Log** option to open **Select Log** window.
  - Alternatively, by default **Select Log** window appears while the software is launched.

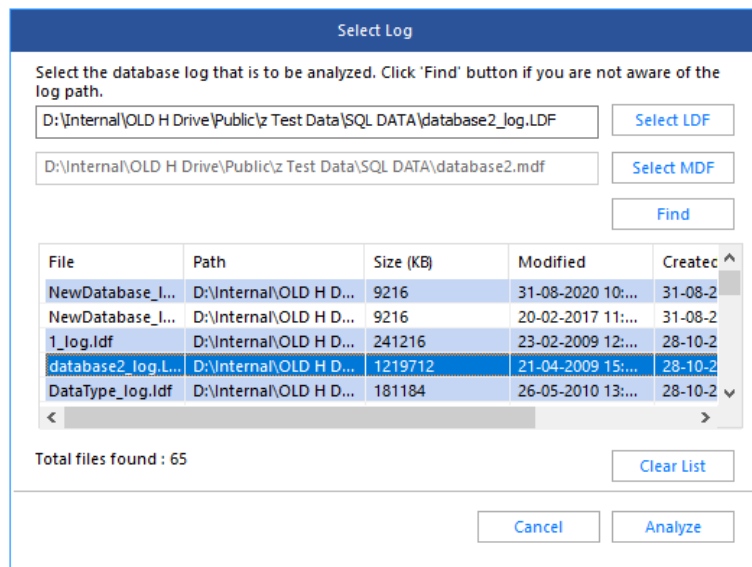
File	Path	Size (KB)	Modified	Created

- Click **Find** to search the LDF files on your system. A **Browse for Folder** window appears. Select the required drive/folder and click **OK**.

- A dialog box appears with the message, "**Search completed**" with the number of MS SQL Log files found.



- Click **OK** to finish the search process.
- The list of LDF files found is shown in the table. Select the required LDF file that needs to be analyzed.



**Note:** If you want to clear the search result, click **Clear List**.

**Note:** If MDF and LDF files are stored at the same location, the software will auto-detect MDF file. However, MDF file stored at a different location has to be manually added.

After selecting the required files, see how you can Analyze LDF File.



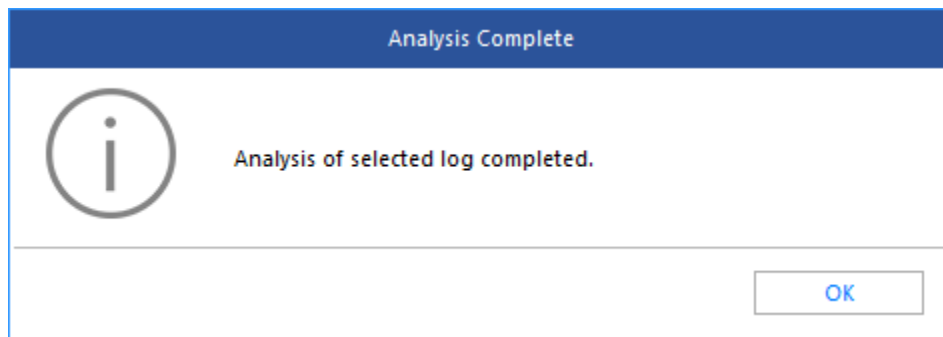
## 4.2. Analyze LDF File

With **Stellar Log Analyzer for MS SQL** you can view complete transactions and log details of any log (LDF) file. The details can be sorted according to the transaction type, time, user, transaction name etc of the transactions. With this software you can also view the query details and records of any particular transaction (Insert, Delete or Update).

**Note:** Perform analysis process on the copy of database and log file. Also make sure MS SQL Server service is running during saving process of Log Tables Data.

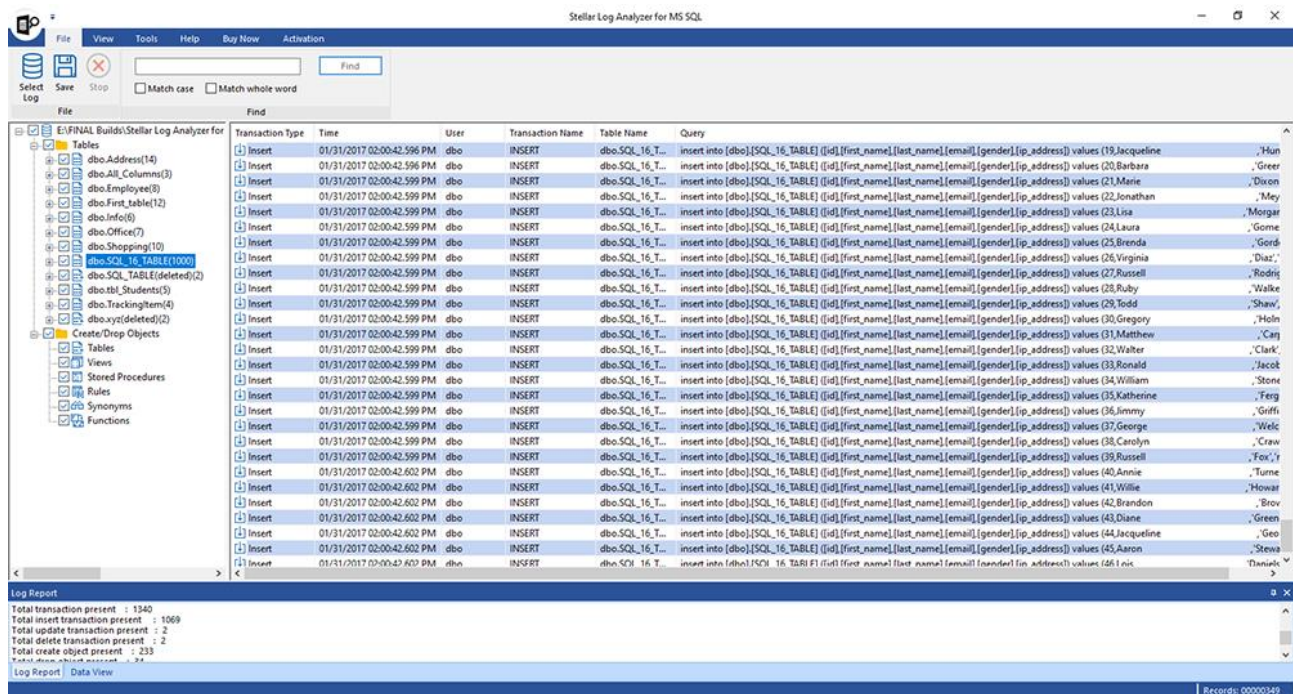
### Steps to analyze LDF file:

1. Run **Stellar Log Analyzer for MS SQL**.
2. See Select or Find MS SQL Log (LDF) File to know how to select/find the log (LDF) file.
3. After selection of file, **Analyze** button is enabled, click it to start the process.
4. After successful analyzing, a dialog box with the message appears, "**Analysis of selected log completed**".



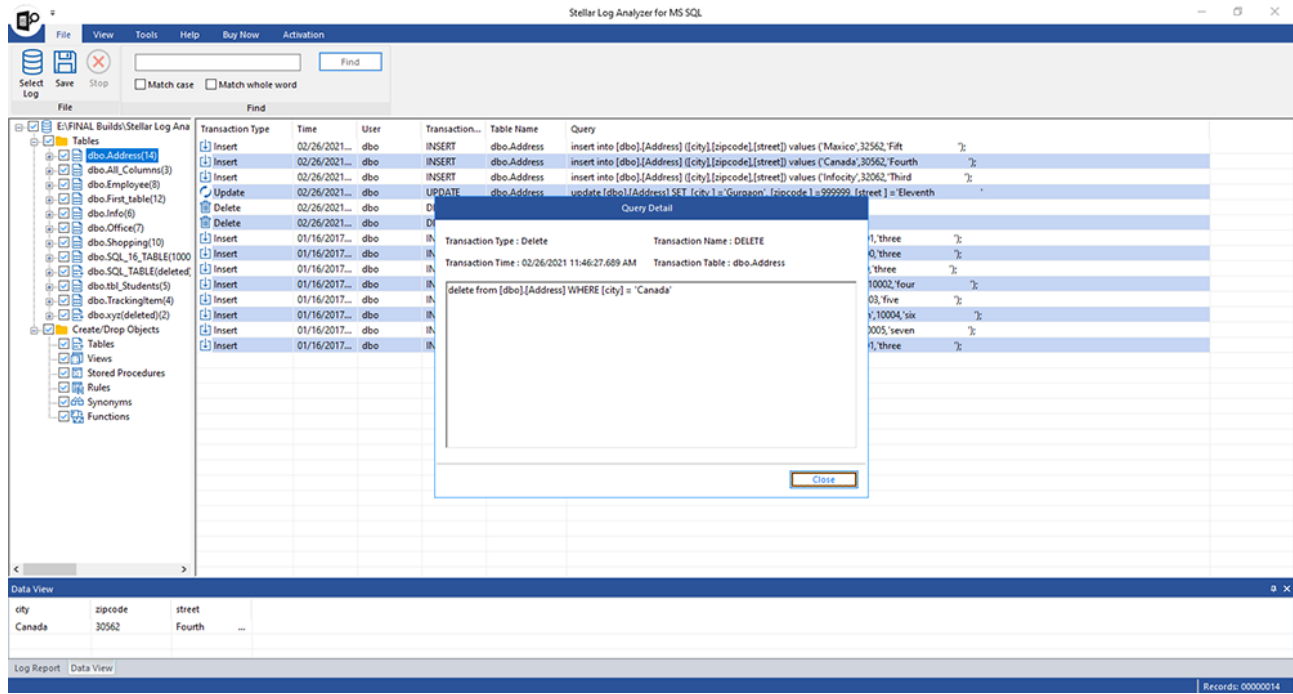
5. Click **OK** to finish the process.

- All the tables of the selected log file will be displayed on the left pane of the user interface. Select the desired table to view its corresponding log transactions. The transactions of the selected table are displayed on the right pane of the user interface.



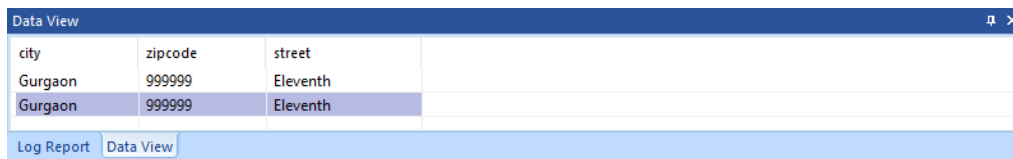
- The log transactions can be sorted according to **Transaction Type, Time, User, Transaction Name, Table Name** and **Query**.
  - To find specific item in the left pane of the tree structure, use **Find** option from **File** ribbon, refer to Find Specific Item in Tree.
- To view the transaction detail, double click on a particular transaction from the right pane. A **Query Detail** window appears with the transaction detail i.e. **Transaction Type, Transaction Name, Transaction Time,** and **Transaction Table**.

9. Click **Close** to close the **Query Detail** window.



10. Also, at the bottom under **Data View** pane the transaction data of the selected transaction is shown. **Transaction Type** are of following types:

- Insert:** The data that is inserted in the table is shown.
- Update:** The data that is replaced with the old data in the table is shown.
- Delete:** The data that is removed from the table is shown.



The software provides options to save LDF file, to know more refer to Save LDF File.

## 4.3. Save LDF File

**Stellar Log Analyzer for MS SQL** provides two options to save LDF log file after analysis process is completed:

1. Save Log Tables Data
2. Save Log Transaction

## 4.3.1. Save Log Tables Data

If you only want to save the data of the log (LDF) file then **Log Tables Data** save option should be used.

### Steps to save Log Tables Data:

1. Run **Stellar Log Analyzer for MS SQL**.
2. See **Select or Find MS SQL Log (LDF) File** to know how to select/find the log (LDF) file.
3. See **Analyze LDF File** to know how to analyze the selected log (LDF) file.
4. Click on **Save** icon from the **File** ribbon **OR** select **Save** option from the **Quick Access toolbar** to save the LDF file.
5. A **Save As** window appears. Select **Log Tables Data** from **Save Log** section.

The screenshot shows the 'Save As' dialog box with the following configuration:

- Save Log:**  Log Tables Data,  Log Transaction
- Select Transactions:**  Insert,  Delete,  Update,  Create,  Drop
- Apply date range:**  Apply date range. From: 14-04-2021, To: 14-04-2021
- Save As:**  MDF,  CSV,  HTML,  XLS
- Saving Option:**  New database,  Live database
- Connect To Server:** Server Name\Instance Name: [Dropdown], Authentication: Windows Authentication, User name: [Text], Password: [Text]
- Location:**  Default SQL,  New, [Text], [Browse]
- Buttons:** [Cancel], [Save]

6. Check against the required checkboxes, under **Select Transactions (Insert, Update or Delete)** that you want to save in the database.
7. Check against **Apply date range** checkbox, if you want to apply date filters to save the results from a particular time period. Choose **From** to **To** dates between which you want to apply the filter.

8. There are four different file formats to save LDF file. Choose any one of them from **Save As** section.
  - i. MDF
  - ii. CSV
  - iii. HTML
  - iv. XLS

**Steps to save Log Tables Data to MDF file:**

1. Run **Stellar Log Analyzer for MS SQL**.
2. See Select or Find MS SQL Log (LDF) File to know how to select/find the log (LDF) file.
3. See Analyze LDF File to know how to analyze the selected log LDF file.
4. Click on **Save** icon from the **File** ribbon **OR** select **Save** option from the **Quick Access toolbar** to save the LDF file.
5. A **Save As** window appears. Select **Log Tables Data** from **Save Log** section.

The screenshot shows the 'Save As' dialog box with the following configuration:

- Save Log:**  Log Tables Data,  Log Transaction
- Select Transactions:**  Insert,  Delete,  Update,  Create,  Drop
- Apply date range:**  Apply date range. From: 14-04-2021, To: 14-04-2021
- Save As:**  MDF,  CSV,  HTML,  XLS
- Saving Option:**  New database,  Live database
- Connect To Server:** Server Name\Instance Name: [Dropdown], Authentication: Windows Authentication, User name: [Text Box], Password: [Text Box], Location:  Default SQL,  New, [Browse]

6. Check against the required checkboxes, under **Select Transactions (Insert, Update or Delete)** that you want to save in the database.

7. Check against **Apply date range** checkbox, if you want to apply date filters to save the results from a particular time period. Choose **From** to **To** dates between which you want to apply the filter.
8. Choose **MDF** option from **Save As** section.
9. There are two saving options, under **Saving Option** section:
  - A. **New Database:** You can select this option, if you want to save the Log Tables Data in a new database.

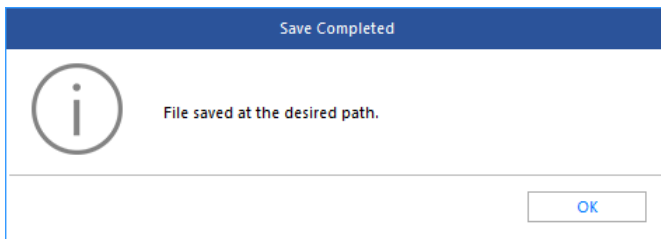
- a. Under **Connect to Server** fill the following entries:
  - i. Enter **Server Name \ Instance Name**
  - ii. **Authentication:** Choose the **Authentication** method from the drop-down list for logging into the server:
    - If the authentication method selected is **Windows Authentication**, you need not enter the user name and password.
    - If the selected authentication method is **SQL Server Authentication**, enter the server **Username** and **Password**.

iii. Select the location to save the LDF file:

- **Default SQL:** Saves the database to the default location.
- **New:** You can save the database at your desired location. Click **Browse** and select the location where you want to save your database.

b. After filling the information, click **Save** to save the Log Tables Data to MDF file format.

c. After successful completion, a dialog box appears with the message, "**File saved at the desired path**".



d. Click **OK** to finish the process.



**Live Database:** You can select this option if you want to save Log Tables Data in an existing database.

The screenshot shows the 'Save As' dialog box with the following configuration:

- Save Log:**  Log Tables Data,  Log Transaction
- Select Transactions:**  Insert,  Delete,  Update,  Create,  Drop
- Apply date range:**  Apply date range. From: 14-04-2021, To: 14-04-2021
- Save As:**  MDF,  CSV,  HTML,  XLS
- Saving Option:**  New database,  Live database
- Connect To Server:** Server Name\Instance Name: [Empty], Authentication: Windows Authentication, User name: [Empty], Password: [Empty], Existing database: [Empty]

a. Under **Connect to Server** fill the following entries:

i. Enter **Server Name \ Instance Name**

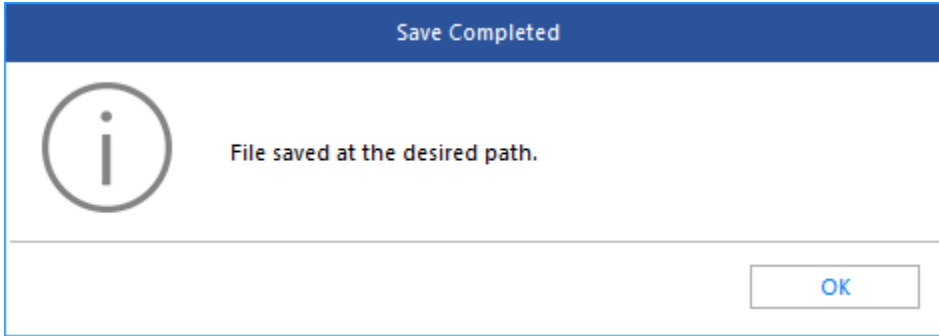
ii. **Authentication:** Choose the **Authentication** method from the drop-down list for logging into the server:

- If the authentication method selected is **Windows Authentication**, you need not enter the user name and password.
- If the selected authentication method is **SQL Server Authentication**, enter the server **Username** and **Password**.

iii. **Existing database:** From the drop-down list, select the database in which you want to save the LDF file after analysis.

b. Click **Save** to save the Log Tables Data to MDF file format.

- c. After successful completion, a dialog box appears with a message, "**File saved at the desired path**".

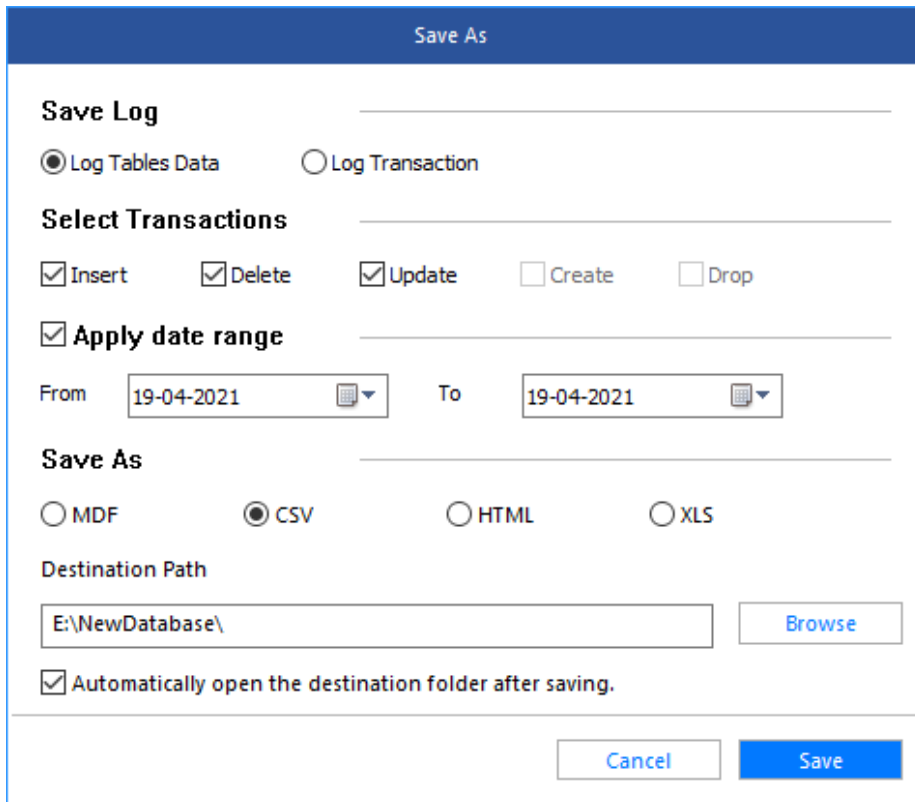


- d. Click **OK** to finish the process.

**Note:** If you want to refresh the **Existing database** list, click on **Refresh**.

**Steps to save Log Tables Data to CSV, HTML or XLS file format:**

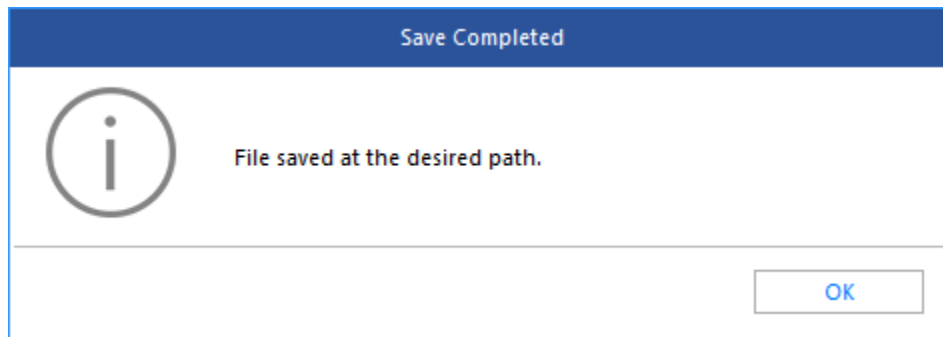
1. Run **Stellar Log Analyzer for MS SQL**.
2. See Select or Find MS SQL Log (LDF) File to know how to select/find the log (LDF) file.
3. See Analyze LDF File to know how to analyze the selected log LDF file.
4. Click on **Save** icon from the **File** ribbon **OR** select **Save** option from the **Quick Access toolbar** to save the LDF file.
5. A **Save As** window appears. Select **Log Tables Data** from **Save Log** section.



6. Check against the required checkboxes, under **Select Transactions (Insert, Update or Delete)** that you want to save in the database.
7. Check against **Apply date range** checkbox, if you want to apply date filters to save the results from a particular time period. Choose **From** to **To** dates between which you want to apply the filter.
8. Choose the desired format (**CSV, HTML or XLS**) from **Save As** section.
9. Click **Browse** to save the LDF file to a destination path.

**Note:** Check against **Automatically open the destination folder after saving** checkbox if you want to immediately open the saved LDF file folder.

10. Click **Save** to save the Log Tables Data to (**CSV, HTML or XLS**) file format.
11. After successful completion, a dialog box appears with a message, "**File saved at the desired path**".



12. Click **OK** to finish the process.

## 4.3.2. Save Log Transaction

If you only want to save the log transactions that occurred in the log (LDF) file then **Log Transaction** save option should be used.

### Steps to save Log Transaction:

1. Run **Stellar Log Analyzer for MS SQL**.
2. See **Select or Find MS SQL Log (LDF) File** to know how to select/find the log (LDF) file.
3. See **Analyze LDF File** to know how to analyze the selected log (LDF) file.
4. Click on **Save** icon from **File** ribbon **OR** select **Save** option from the **Quick Access toolbar** to save the LDF file.
5. A **Save As** window appears. Select **Log Transaction** from **Save Log** section.

The screenshot shows the 'Save As' dialog box with the following configuration:

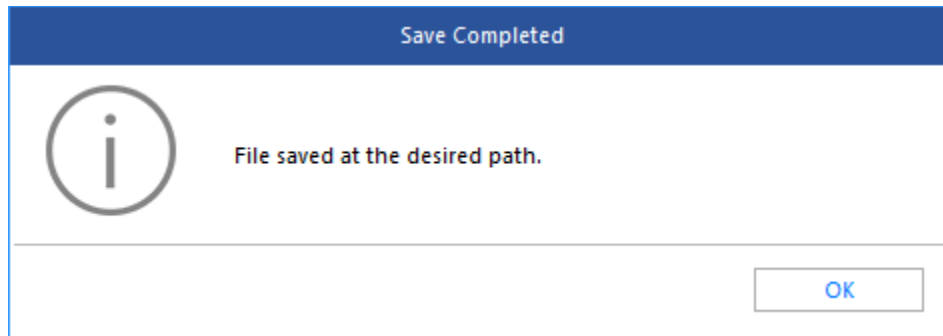
- Save Log:**  Log Tables Data,  Log Transaction
- Select Transactions:**  Insert,  Delete,  Update,  Create,  Drop
- Apply date range:**  Apply date range. From: 14-04-2021, To: 14-04-2021
- Save As:**  MDF,  CSV,  HTML,  XLS
- Destination Path:** C:\Users\Gorav Chauhan\Desktop\NewDatabase\ (with a Browse button)
- Automatically open the destination folder after saving.

6. Check against the required checkboxes, under **Select Transactions (Insert, Delete, Update, Create or Drop)** that you want to save in the database.
7. Check against **Apply date range** checkbox, if you want to apply date filters to save the results from a particular time period. Choose **From** to **To** dates between which you want to apply the filter.

8. Choose the desired file format (**CSV, HTML** or **XLS**) from **Save As** section. (MDF option is disabled here)
9. Click **Browse** to save the LDF file to a destination path.

**Note:** Check against **Automatically open the destination folder after saving** checkbox if you want to immediately open the saved LDF file folder.

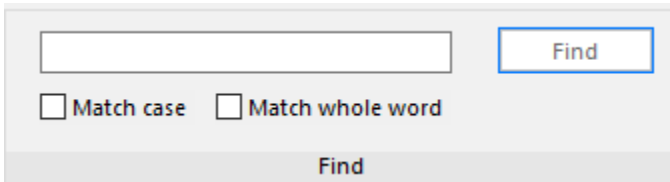
10. Click **Save** to save the Log Transaction to (**CSV, HTML** or **XLS**) file format.
11. After successful completion, a dialog box appears with a message, "**File saved at the desired path**".



12. Click **OK** to finish the process.

## 4.4. Find Specific Item in Tree

**Stellar Log Analyzer for MS SQL** gives the option to find particular items in the tree as shown below:



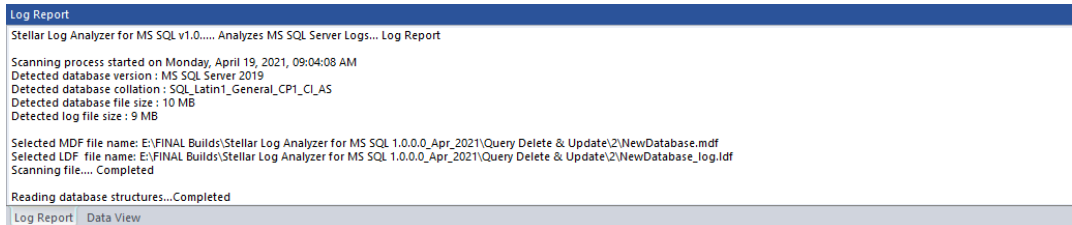
The image shows a search dialog box with a text input field, a 'Find' button, and two checkboxes: 'Match case' and 'Match whole word'. A 'Find' button is also visible at the bottom of the dialog.

### Steps to find a particular item:

1. Go to **File** ribbon to find the tree items.
2. Enter the item name in the text box and click **Find** button.
3. If that item is present in the database, it is highlighted in the tree.
4. Use back  and forward  button to traverse the tree.
5. To narrow down the search results, you can select the **Match Case** or **Match Whole Word** check box.

## 4.5. Save Log Report

With **Stellar Log Analyzer for MS SQL**, you can save the Log Report for further analysis at a later stage. You can view log of the process at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the **Message Log** checkbox in **View** section of **View** ribbon.



### Steps to save log report:

- From **View** ribbon, select **Save Log**.
- In **Save As** window, select the location where you want to save the log report.
- When done, click **Save**.

### Steps to clear log report:

- From **View** ribbon, select **Clear Log**.

## 5. Frequently Asked Questions (FAQs)

### 1. What does the demo version of the software do?

Demo version of the software only shows the preview of Log Transactions and Transaction Data. To save analyzed file, you need to purchase and activate the software.

### 2. Why is it necessary to perform analysis process on the copy of log LDF and MDF file?

**Stellar Log Analyzer for MS SQL** will not be able to run if the database is attached to MS SQL Server.

### 3. Can we save Log Tables Data in a MDF file format selectively?

Yes, you can save selective Log Tables Data. Simply select the desired table in the tree view and start the saving process.

### 4. Can we save Log Transactions or Log Tables Data in CSV, HTML and XLS format?

Yes, you can save Log Transactions or Log Tables Data in CSV, HTML and XLS format.

### 5. Can we save the Log Transactions or Log Tables Data between a particular Date Range?

Yes, you can save Log Transactions or Log Tables Data between a particular Date Range by applying date filters by selecting **Apply date range** checkbox. From the Date Range section, select the dates between which you want to apply the filter.

### 6. How can Stellar Log Analyzer for MS SQL help us search for the location of LDF file in the system?

You can search for LDF file in the system with **Find** option of the software. For more details, refer Select MS SQL Log (LDF) File.

### 7. I want to locate an item in the SQL log (LDF) file. Is there any way I can do this using the software?

Yes, after analysis of the LDF file, the software gives you option to find items in the tree. Use Find Specific Item in Tree option to locate the desired item in tree.



8. **How can we view process log?**

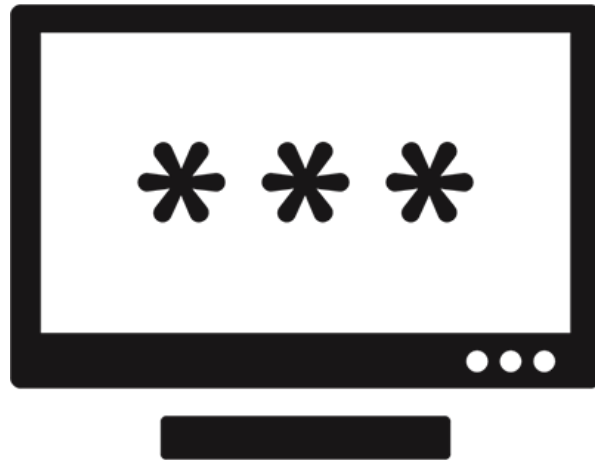
You can view process of the log at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the **Message Log** checkbox in **View** section from **View** ribbon.

9. **How can we view transaction data?**

You can view transaction data visible at the bottom of the user interface. If this pane is not visible, you can enable it by selecting the **Data View** checkbox in **View** section from **View** ribbon.

10. **Can we save log process?**

Yes, **Stellar Log Analyzer for MS SQL** gives you the option to save the log report process.



# **Stellar Password Recovery for MS SQL**

User Guide for version 10.0

# 1. About Stellar Password Recovery for MS SQL

Microsoft SQL Server is a database management system developed by Microsoft whose primary function is to store and retrieve data. To prevent unauthorized access to Microsoft SQL server files you can set passwords for them. It may happen you forget the password or are unable to access the file or you want to access a password-protected file then **Stellar Password Recovery for MS SQL** helps you solve it.

## Key Features:

- Support MS SQL Server 2019, 2017, 2016, 2014.
- One-Click process to change the password of a protected file.
- Simple and easy to use Graphical User Interface.

## 2. About the Guide

This user guide contains steps to assist you through various functions of **Stellar Password Recovery for MS SQL**. Each function is explained in detail, in the corresponding sections.

**The guide covers the following major topics:**

1. About Stellar Password Recovery for MS SQL
2. About the Guide
3. Getting Started
4. Working with the Software
5. Frequently Asked Questions (FAQs)

**This guide has the following features for easy navigation and understanding:**

- There are Notes and Tips in some topics of this guide for better understanding and ease of work. These *Notes* and *Tips* are given in italics style.

This is a web-based guide and requires an active internet connection. You can read this guide with all popular browsers like Chrome, Firefox, Internet Explorer, and Safari. For the best viewing experience, it is recommended to use the **Chrome** browser.

## **3. Getting Started**

3.1. Installation Procedure

3.2. Getting Familiar with User Interface

3.3. Activating the Software

3.4. Updating the Software

3.5. Stellar Support

## 3.1. Installation Procedure

Before installing the software, ensure that your computer meets the minimum system requirements.

### Minimum System Requirements:

- **Processor** : Intel compatible (x86, x64)
- **Operating System** : Windows 10 / Windows 8.1 / Windows 8 / Windows 7
- **Memory** : 8 GB (recommended) 4 GB (minimum)
- **Hard Disk** : 250 MB for installation files

### To install the software:

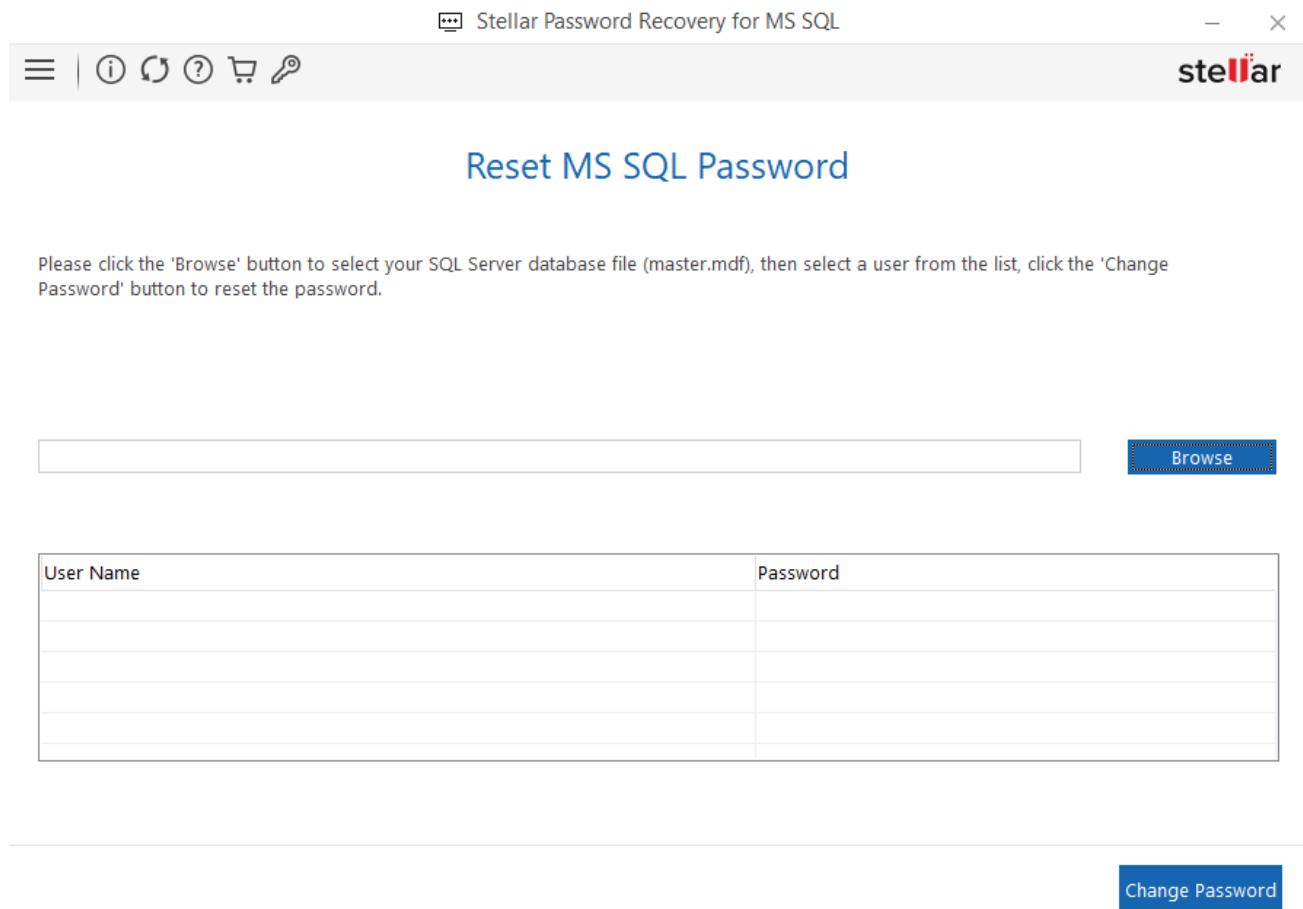
1. Double-click on **Setup Installer**, a dialog box will display.
2. Click **Next** to continue. **License Agreement** dialog box is displayed.
3. Select **I accept the Agreement** option. Click **Next**.
4. Specify the location where the installation files are to be stored. Click **Next**.
5. Select the folder where the files are to be stored. A default folder is suggested in the box. Click **Browse** to select a different location. Click **Next**.
6. In the **Select Additional Tasks** dialog box, select checkboxes as per your choice. Click **Next**.
7. Review your selections. Click **Back** if you want to make any change. Click **Install** to start the installation. The Installing window shows the installation process.
8. After completion of the process, click **Finish** on **Setup Installer** dialog box.

**Note:** Clear **Launch Setup Installer** check box before clicking **Finish** to prevent the software from launching.

## 3.2. Getting Familiar with User Interface

**Stellar Password Recovery for MS SQL** has a very easy to use Graphical User Interface.

After launching the program, you will see the main user interface as shown below:



Stellar Password Recovery for MS SQL

stellar

### Reset MS SQL Password

Please click the 'Browse' button to select your SQL Server database file (master.mdf), then select a user from the list, click the 'Change Password' button to reset the password.

[Browse](#)

User Name	Password

[Change Password](#)

The user interface contains buttons that let you access various features of the software with ease.

## 3.2.1. Getting Familiar with Buttons



Click this button to hide or show the buttons on the **Menu Bar**.

**Menu**



Click this button to read more about **Stellar Password Recovery for MS SQL**.

**About**



Click this button to buy the software.

**Buy Online**



Click this button to activate the software after purchasing.

**Activation**



Click this button to update **Stellar Password Recovery for MS SQL**. Use this option to check for both, major and minor versions of the software.

**Update**



Click this button to open the help manual for **Stellar Password Recovery for MS SQL**.

**Help**

**Browse**

Click this button to select the file that the password needs to be recovered.

**Change Password**


Click this button to set a new password for the selected file.



## 3.3. Ordering the Software

Click <https://www.stellarinfo.com/sql-database-toolkit.php> to know more about the software.

To purchase the software online, please visit <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>

Alternatively, click  **Buy Online** from **Menu Bar** to buy the software online.

Once the order is confirmed, a serial number will be sent to you through e-mail, which would be required to activate the software.

## 3.4. Activating the Software

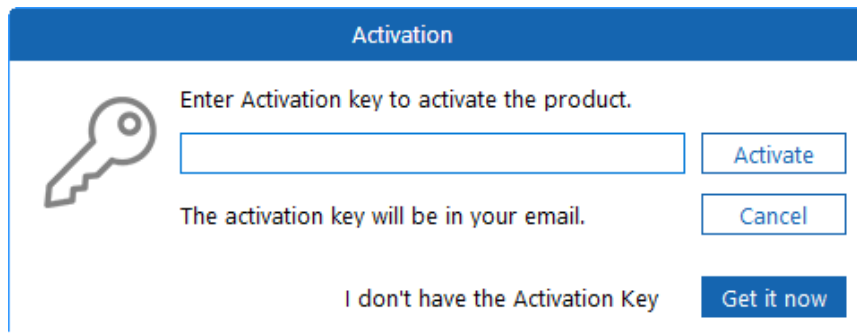
The demo version is just for evaluation purposes and must be eventually activated to use the full functionality of the software. The software can be activated using the Activation Key that you receive via email after purchasing the software.

**Note:** Make sure that you have an active Internet connection.

To activate the software:

1. Run the software.

2. Click  **Activation** from **Menu Bar**. **Activation** window displays as shown below:



Activation

Enter Activation key to activate the product.

Activate

Cancel

The activation key will be in your email.

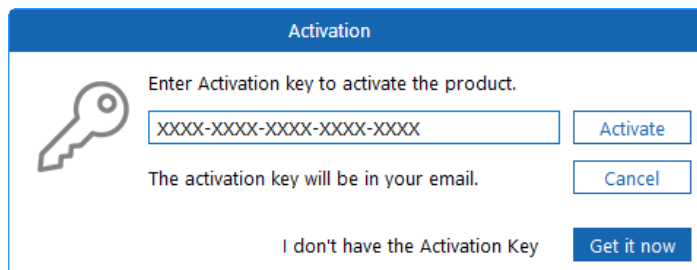
I don't have the Activation Key

Get it now

**Note:**

- If you don't have the activation key, click **Get it now** in the window to go online and purchase the software.
- When the order is confirmed, an Activation Key is provided.

3. Enter the **Activation Key** and click **Activate**.



Activation

Enter Activation key to activate the product.

Activate

Cancel

The activation key will be in your email.

I don't have the Activation Key

Get it now

4. The software is activated after successful verification of the activation key you have entered.
5. "**Activation Completed Successfully**" message is displayed after the process is completed successfully.
6. Click **OK** to use all the options of the software that have been unlocked after the activation.

**If you receive an error while activating the software, follow and verify the steps given below to fix the issue:**

### **1. Check Installer and Re-enter Activation Key**

Make sure you have downloaded the correct installer. Use the download link given in the email or visit the desired product page to free download the software and then activate it using the code provided on your email.

### **2. Uninstall All Other Versions of the software**

Uninstall any version of the software you may have installed earlier. Then re-install the desired version of the software and activate it.

### **3. Re-Enter the Correct Activation Key Without Blank Spaces**


If copy and pasting the activation code isn't working, try to enter it manually. Sometimes, while copying, you may copy the blank spaces, which can cause software activation failure.

Entering code manually overcomes this issue. Alternatively, you may copy the code from email to notepad and then remove empty space from the beginning and end of the code. Then copy and paste the code in the activation window of the software.

## 3.5. Updating the Software

Stellar releases periodical software updates for **Stellar Password Recovery for MS SQL** software. You can update the software to keep it up-to-date. These updates can add new functionality, feature, service, or any other information that can improve the software. Update option of the software is capable of checking for the latest updates. This will check for both the latest minor and major versions available online. You can easily download the minor versions through the update wizard. However, the major version, if available, has to be purchased. While updating the software, it's recommended to close all the running programs. Note that the demo version of the software cannot be updated.

### To update Stellar Password Recovery for MS SQL:

1. Click  **Updates** from **Menu Bar**. **Update Wizard** window appears.
2. Click **Next**. The wizard will search for latest updates, and if it finds any new updates, a window will pop up indicating its availability.
3. Click **Next** and the software will download the files from the update server. When the process is complete, the software will upgrade to the latest version.

### Live Update may not happen due to following reasons:

- Internet connection failure
- Updates are not available
- Unable to download configuration files
- Unable to locate updated files or version
- Unable to locate executable file

## 3.6. Stellar Support

Our Technical Support professionals will give solutions for all your queries related to Stellar products.

- You can either call us or go online to our support section at <http://stellarinfo.com/support/>
- For price details and to place the order, click <https://www.stellarinfo.com/database-recovery/sql-toolkit/buy-now.php>
- Chat Live with an Online technician at <https://www.stellarinfo.com/>
- Search in our extensive Knowledge Base at <https://www.stellarinfo.com/support/kb/>
- Submit enquiry at <https://www.stellarinfo.com/support/enquiry.php>
- E-mail to Stellar Support at [support@stellarinfo.com](mailto:support@stellarinfo.com)

## 4. Working with the Software

4.1. Select Master Database

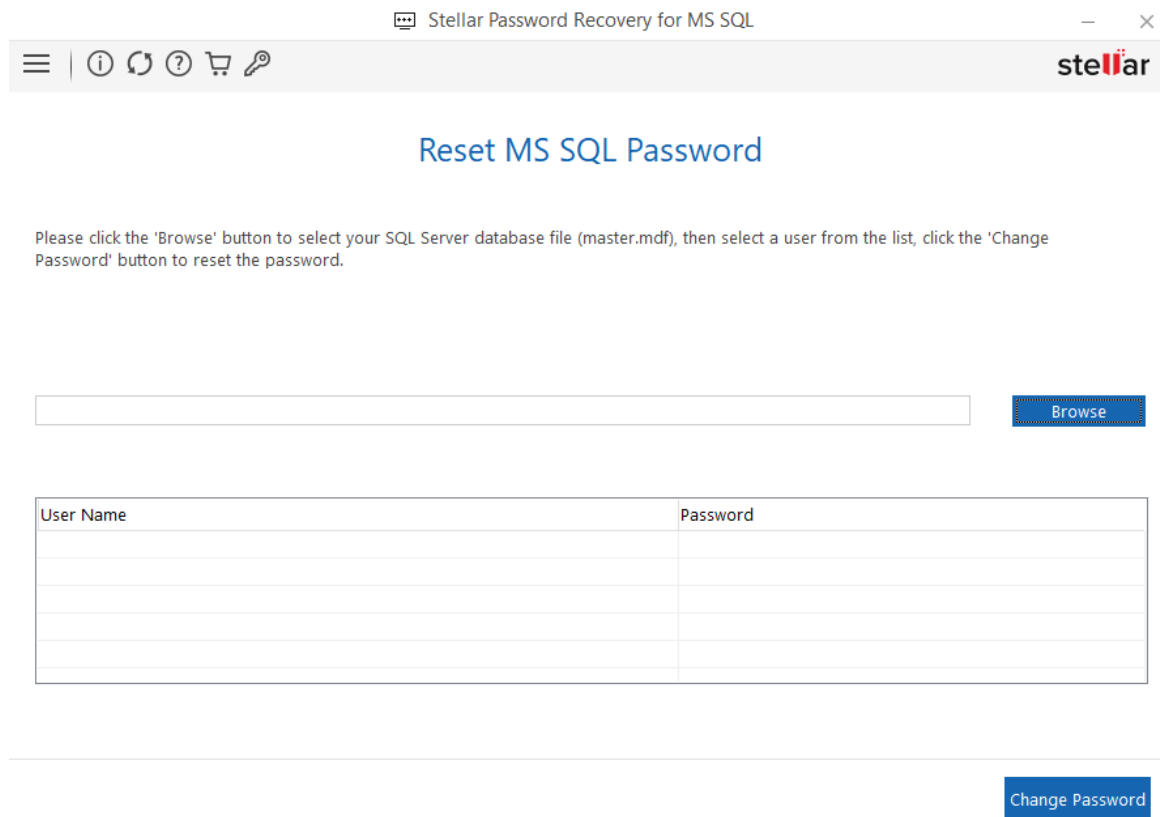
4.2. Change Password

# 4.1. Select Master Database

**Stellar Password Recovery for MS SQL** helps select the required MSSQL (master.mdf) file of the database that needs password recovery.

## Steps to select Master Database file:

1. Run **Stellar Password Recovery for MS SQL**.



2. Click **Browse** to select the required Master Database (master.mdf) file. Click **Open**.

3. Selected database path appears in the **Browse** text field. Also, a list of **User Name** and **Password** found appears on the main screen.

The screenshot shows the Stellar Password Recovery for MS SQL application window. The title bar reads "Stellar Password Recovery for MS SQL". The interface includes a navigation menu with icons for home, help, refresh, question mark, shopping cart, and search. The Stellar logo is in the top right corner. The main heading is "Reset MS SQL Password". Below this, a text instruction reads: "Please click the 'Browse' button to select your SQL Server database file (master.mdf), then select a user from the list, click the 'Change Password' button to reset the password." A text input field contains the file path "C:\Users\AdminPCh\Desktop\Master Database\master.mdf" and a blue "Browse" button is to its right. Below the path is a table with two columns: "User Name" and "Password". The table lists several users, all with passwords marked as "<Unknown>". A blue "Change Password" button is located at the bottom right of the interface.

Stellar Password Recovery for MS SQL

Reset MS SQL Password

Please click the 'Browse' button to select your SQL Server database file (master.mdf), then select a user from the list, click the 'Change Password' button to reset the password.

C:\Users\AdminPCh\Desktop\Master Database\master.mdf **Browse**

User Name	Password
sa	<Unknown>
##MS_PolicyTsqlExecutionLogin##	<Unknown>
##MS_PolicyEventProcessingLogin##	<Unknown>
Stellar	<Unknown>
ΔRC	<Unknown>
<	>

**Change Password**

See Change Password section, to know how to change the password.

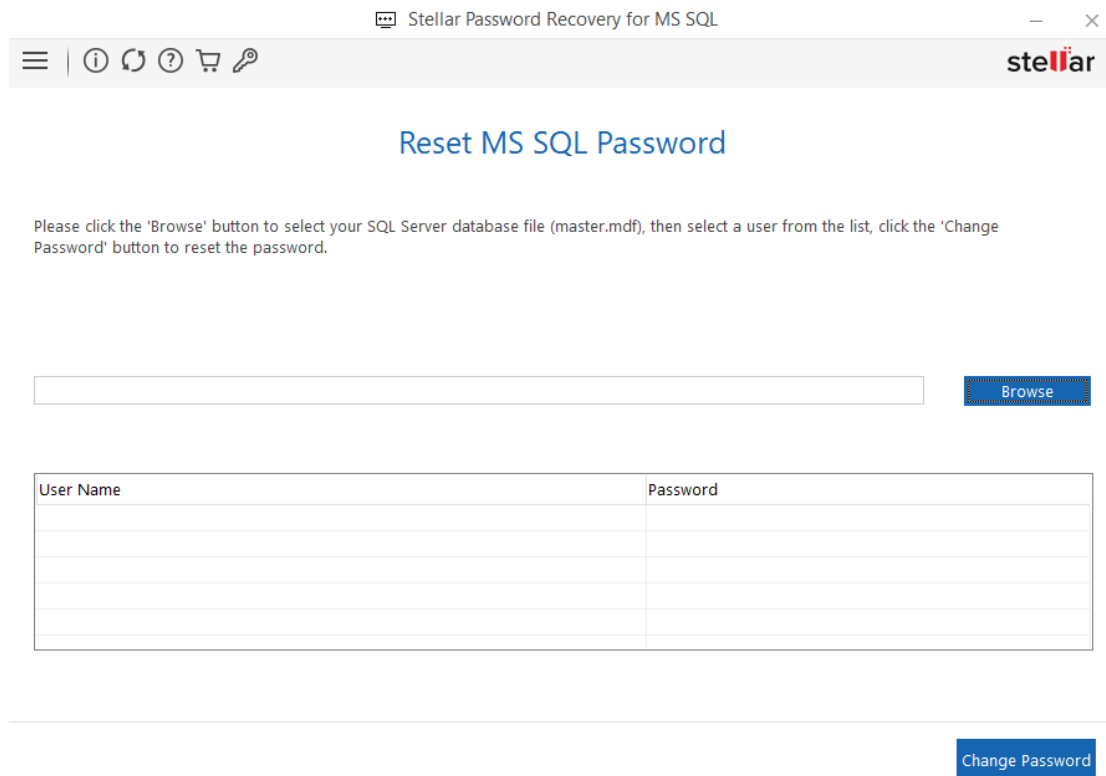


## 4.2. Change Password

**Stellar Password Recovery for MS SQL** allows to change password of forgotten or password-protected master.mdf files.

### Steps to Change Password:

1. Run **Stellar Password Recovery for MS SQL**.



The screenshot shows the application window titled "Stellar Password Recovery for MS SQL". The interface includes a navigation bar with icons for home, help, refresh, question mark, shopping cart, and search, along with the "stellar" logo. The main heading is "Reset MS SQL Password". Below this, a text instruction reads: "Please click the 'Browse' button to select your SQL Server database file (master.mdf), then select a user from the list, click the 'Change Password' button to reset the password." The form contains a file selection input field with a "Browse" button, a table with two columns: "User Name" and "Password", and a "Change Password" button at the bottom right.

User Name	Password

2. See Select Master Database, to know how to select the database.

- From the list, select the required **User Name**. Click **Change Password**.

**Note:** If you don't select any user name, a dialog box appears, "**Please choose a user name**".

Stellar Password Recovery for MS SQL

## Reset MS SQL Password

Please click the 'Browse' button to select your SQL Server database file (master.mdf), then select a user from the list, click the 'Change Password' button to reset the password.

C:\Users\AdminPCh\Desktop\Master Database\master.mdf

User Name	Password
sa	<Unknown>
##MS_PolicyTsqlExecutionLogin##	<Unknown>
##MS_PolicyEventProcessingLogin##	<Unknown>
Stellar	<Unknown>
ΔRC	<Unknown>

- Enter New Password** window appears.
- Enter password in **New Password** and **Confirm Password** text fields.

Stellar Password Recovery for MS SQL

## Reset MS SQL Password

Please click the 'Browse' button to select your SQL Server database file (master.mdf), then select a user from the list, click the 'Change Password' button to reset the password.

C:\Users\AdminPCh\Desktop\Master Database\master.mdf

**Enter New Password**

New Password :

Confirm Password :

User Name	Password
sa	<Unknown>
##MS_PolicyTsqlExecutionLogin##	<Unknown>
##MS_PolicyEventProcessingLogin##	<Unknown>
Stellar	<Unknown>
ΔRC	<Unknown>

6. Click **OK** to proceed.
7. On successful change of password, "**Password for the selected user changed successfully**" message appears.

Stellar Password Recovery for MS SQL

stellar

## Reset MS SQL Password

Please click the 'Browse' button to select your SQL Server database file (master.mdf), then select a user from the list, click the 'Change Password' button to reset the password.

C:\Users\AdminPCh\Desktop\Mast

Browse

sa

##MS\_PolicyTsqlExecutionLogin## <Unknown>

##MS\_PolicyEventProcessingLogin## <Unknown>

Stellar <Unknown>

ARC <Unknown>

<

Change Password

**Password Changed**

Password for the selected user changed successfully.

OK

## 5. Frequently Asked Questions (FAQs)

1. **Can I change my password using demo version of the software?**

No, you cannot change the password using demo version of the software. You need to purchase the software in order to change the password.

2. **Which versions of Microsoft SQL server are supported by the software?**

The software supports the following versions of **Microsoft SQL Server**: 2005, 2008, 2008R2, 2012, 2014, 2016, 2017.

3. **I have forgotton my file password. Can I change it?**

Yes, you can change it. See Change Password section to know more.

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<b>Data Recovery</b>	<b>Email Repair and Conversion</b>
<p>DIY tools to recover the data, including documents, photos, videos, etc., lost due to deletion, formatting, corruption, missing partition, crashed system, etc.</p> <p>Recovers from internal and external hard drives, portable storage, RAID, and virtual drives.</p> <p><a href="#"><u>Stellar Data Recovery - Windows</u></a></p> <p><a href="#"><u>Stellar Data Recovery - Mac</u></a></p> <p><a href="#"><u>Stellar Photo Recovery</u></a></p> <p><a href="#"><u>Know More &gt;&gt;&gt;</u></a></p>	<p>Advanced tools to repair corrupted EDB, PST, OLM, and other email files and recover the mail items.</p> <p>Also, convert the email files of Exchange, Outlook, Apple Mail, HCL Notes (formerly IBM Notes), etc., and extract the complete mailbox data.</p> <p><a href="#"><u>Stellar Repair for Exchange</u></a></p> <p><a href="#"><u>Stellar Repair for Outlook</u></a></p> <p><a href="#"><u>Stellar Converter for EDB</u></a></p> <p><a href="#"><u>Stellar Converter for OST</u></a></p> <p><a href="#"><u>Know More &gt;&gt;&gt;</u></a></p>

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Powerful software to repair the corrupted database files of MS SQL, MySQL, Access, SQL Anywhere, QuickBooks, and more.

Also, comprises DIY tools to repair the corrupted images and videos taken from all types of cameras.

[Stellar Repair for MS SQL](#)

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Secure and certified software for permanent wiping of laptops and desktops, loose drives, server storage, and mobile devices.

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