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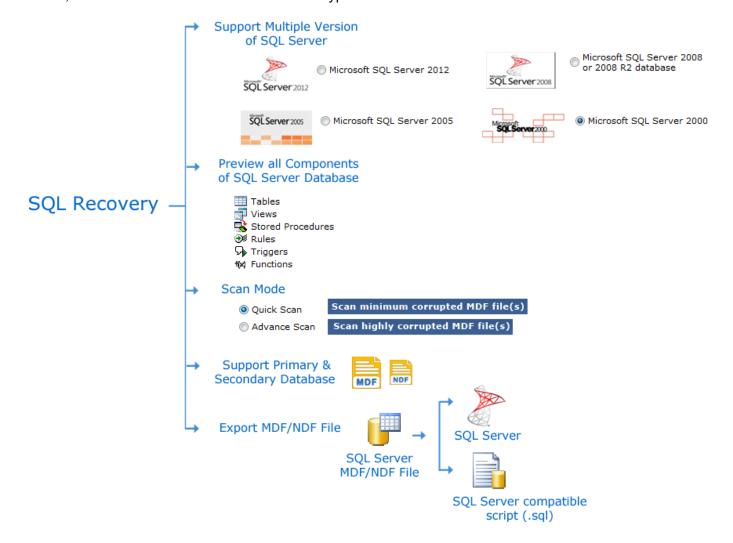
Disclaimer





Software Help Manual

SysTools SQL Recovery is the software for recovering MDF after corruption of SQL server database. This utility has the ability to recover MDF components like Triggers, Stored Procedures, Tables, Views, Rules, Functions as well as user defined data types.



Along this help manual you will come to know about:

→ Software Overview

- → Minimum System Requirements to Run Software
- → Software Features and GUI
- → Quick Getting Started Guide
- → Software Purchase and Support





Welcome to SysTools SQL Recovery

SQL recovery tool resolve the corruption issue of SQL database files (MDF) effectively. It also recover secondary database file also i.e. NDF. Moreover it has the option to export the MDF file into SQL server as well as SQL Server compatible Script.

Key Features of SysTools SQL Recovery

- → SQL Recovery tool creates SQL script using which user can restore various items from damaged MDF files
- → The software is supportive to both 32 Bit and 64 Bit Windows OS
- → Support MS SQL 2000/2005/2008/2008 R2/2012 Editions
- → Recover primary as well as secondary database i.e. MDF & NDF files
- → Also preview the Triggers, Primary Key, Unique Key, Tables, Stored Procedures of SQL server database
- → Also support XML Data type
- → User can save the created STR file on run time.





System Requirements for SysTools SQL Recovery:

For proper working of software, it's very necessary that it's all requirements should be fulfilled and below mentioned is list of some requirements that you need to fulfill to get proper results with this software.

Minimal System Software Specifications

- → Windows 8 (32-bit or 64-bit)
- → Windows 7 (32-bit or 64-bit)
- → Windows Vista
- → Microsoft Windows XP

Basic Hardware Requirements

→ Platform: 1 GHz processor (2.4 GHz is recommended)

→ Memory: 512 MB of RAM (1 GB is recommended)

Additional Software

→ .Net Framework 2.0



SysTools SQL Recovery Install and Uninstall Software



Software as mentioned requires Windows PC platform for its execution. The installation of software requires some simple steps. User need to just move with the instructions given by the software.

Software requires no efforts on your part when comes to uninstall of same. Hassle free uninstall **SysTools SQL Recovery** by commonly known Windows uninstall methodologies.

More to Come

- → Install SysTools SQL Recovery
- → Uninstall SysTools SQL Recovery

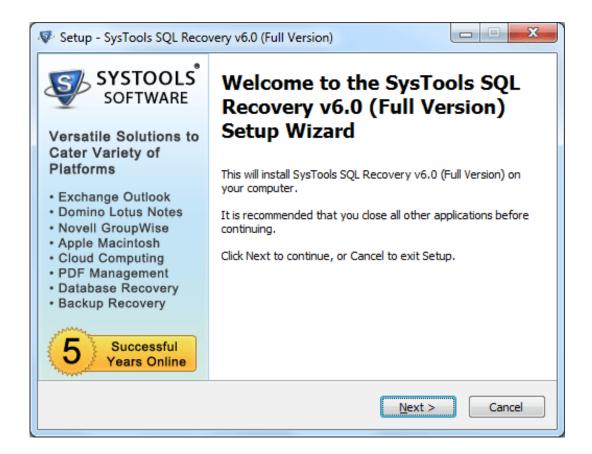




Installation of SysTools SQL Recovery

You can install **SysTools SQL Recovery** properly on your computer system by performing the following steps:

- → Download **SysTools SQL Recovery** latest version from the website: http://www.systoolsgroup.com/sql-recovery.html
- → Double click on downloaded **SysTools SQL Recovery** (setup-sql-recovery.exe). Click on the **Run** option.
- → Once you will double click on set up, the setup will ask, **Do you want to run this file** and you have to click on **Run** to proceed in installation.
- → After this, when you will click on **Run**, you will get welcomed in **SysTools SQL Recovery** setup, you have to click on **Next** in that setup to proceed.



- → After clicking on **Next**, the set up will offer you a License agreement and you have to **accept** that agreement to proceed. Once you will accept the agreement, the **Next** option will automatically get activated for you and you have to click on that to proceed.
- → When you will click on **Next**, you will be asked to select destination location for installation of software. By default, the software will get installed on this location *C:\Program Files\SysTools SQL Recovery* but, if you wish then, you can also select a different destination location by clicking on **Browse** button. (Once you will select the destination location, you have to click on **Next** to proceed).
- → After doing this, you have to select the **Start Menu** Folder in which the shortcuts of program needs to be placed and click **Next**.
- → After selection of Start Menu folder, the set up will ask you to perform Additional Tasks like **Creating Desktop Icon** or **Creating a Quick Launch Icon**. You have to perform additional tasks as per your need and proceed.
- → After this, the set up will give you a message saying that software is ready to install on computer system. (You have to click on **Install** button in that Message Window to move to the last step of installation process)
- → At last, you will get a confirmation message saying that setup process is complete, do you want to Launch SysTools SQL Recovery. You have to click on Finish in that Message Window to launch the

software successfully after installation.





Un-Installation of SysTools SQL Recovery Software

You can uninstall SysTools SQL Recovery software in two ways:

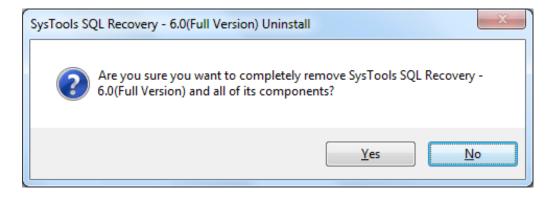
- → From the Windows Start menu
- → From the Control Panel

Important Note: To uninstall the software, first make sure that SysTools SQL Recovery is not running in the background.

Uninstall using Windows Start menu

Click Start button from the Windows menu. Click All Programs » SysTools SQL Recovery » Uninstall SysTools SQL Recovery.

→ A *Warning message* before un-installing will be displayed on the screen. Click **Yes** to uninstall the software:



- → After this step, **SysTools SQL Recovery** Software setup will start the process of *uninstalling* the software from the computer system.
- → After this **SysTools SQL Recovery** Software will be successfully *uninstalled* from the computer system. Click on **OK** to close the window.

Uninstall Using Control Panel

→ Another alternative described here for software uninstall is through Windows *Control Panel* which holds and maintains all system settings. This alternative is described here just for sake of

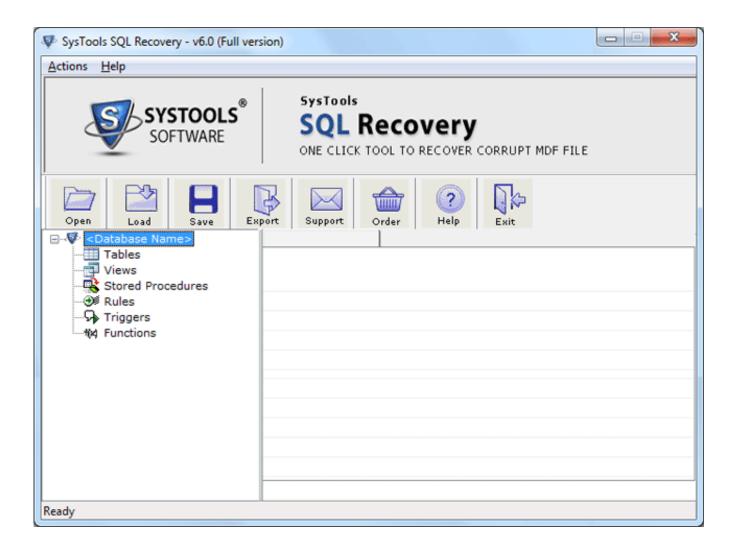
completeness. You can easily skip this step if done with prior uninstall process.

- → Click **Start** and look for **Control Panel** in start menu appears before you. Find **Add and Remove Programs** within **Control Panel**. **Add and Remove Program** generates comprehensive listing of all binaries presently installed on Windows. Find out **SysTools SQL Recovery** and double click on it to start with it's uninstall procedures.
- → Software prompts you either you like to *remove* SysTools SQL Recovery and all of its related components. Go for Yes.
- → Click **OK** to message describing successful uninstall of **SysTools SQL Recovery**.





The User Interface of the **SysTools SQL Recovery** Software looks like the below screenshot. You can visualize the steps of recovering corrupted MDF file from the following screenshot.



More to Come

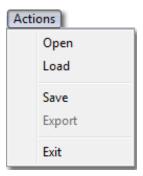
- → Software Menu Options
- → Software Navigation





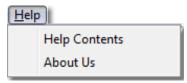
The first menu bar from top consist Software menu options. **SysTools SQL Recovery** consists of two menus which are divided into several other menu items, are explained below:

Action Menu



Option	Description	
Add File	Open MDF File	
Load	Scan & Load the STR File	
Save	Save the STR File	
Export	Export the MDF File into SQL Server	
Exit	Close the application	

Help Menu



Option	Description	
Help Content	Open Help Manual of SysTools SQL Recovery	
About Us	Displays the Contact & other details of SysTools Product	





The software has direct navigation options which let you perform some operations directly:

Option	Description
Open	Add the selected MDF File
Load	Load the STR File
Save	Save the STR File
Export	Export the MDF File
Support	Contact of Technical Support Team
Order	Order Full Version SQL Recovery Software
Pelp	Help Manual of the Software
Exit	Close the Application





SysTools SQL Recovery software helps user to view the corrupted MDF File, & export MDF file to SQL Server or SQL server compatible script.

Steps to Recover & Export corrupted MDF/NDF

Step 1 – Add MDF Files

To start the process of Viewing & recovering corrupted MDF files, locate your MDF file & add into the application. Read more...

Step 2 – Add NDF File

In same way you can add the secondary file i.e. NDF Files Read more...

Step 3 – Preview MDF/NDF Components

Now preview the MDF & NDF components like Tables, Triggers, Rules, Stored Procedure etc. Read more...

Step 4 - Export MDF File

Export the MDF & NDF file into SQL Server or SQL Server compatible script i.e. *.sql. Read more...

Step 5 – Verify the Outcome

In this step you can verify & preview that the setup has exported the MDF file into SQL server. Read more...

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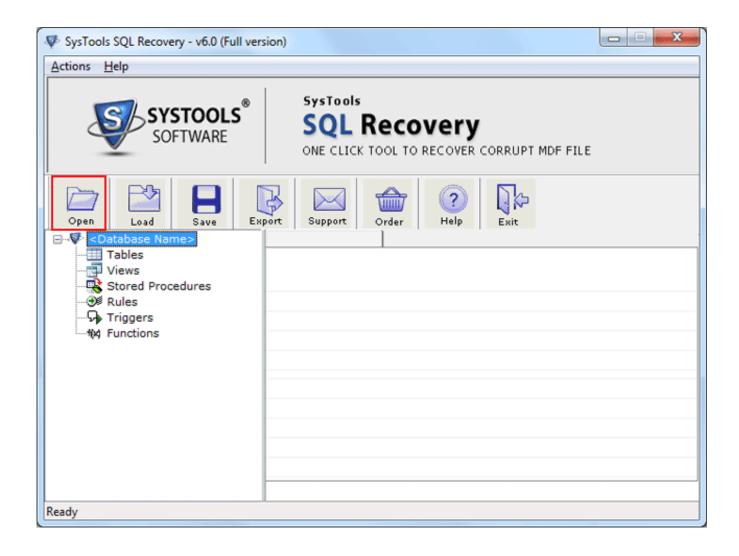
Add MDF File in Software

Download the software, install it and to run it. Follow the path as:

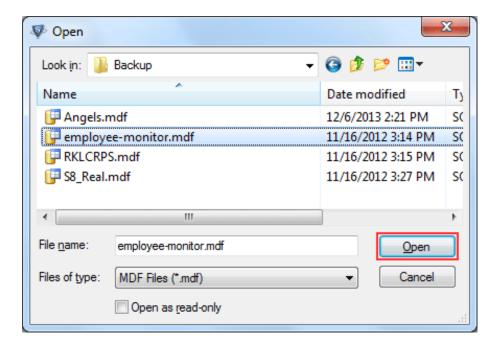
• Go to **Start** » **All Programs** » **SysTools SQL Recovery** » **SysTools SQL Recovery**. First window of the software appears as shown below:



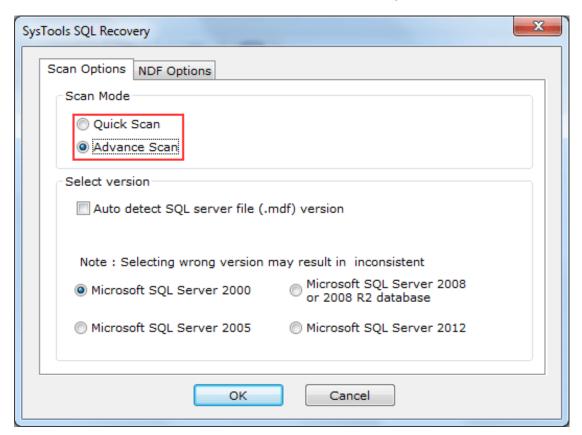
• Click **Open** to start the process of adding .mdf/.ndf file in application:



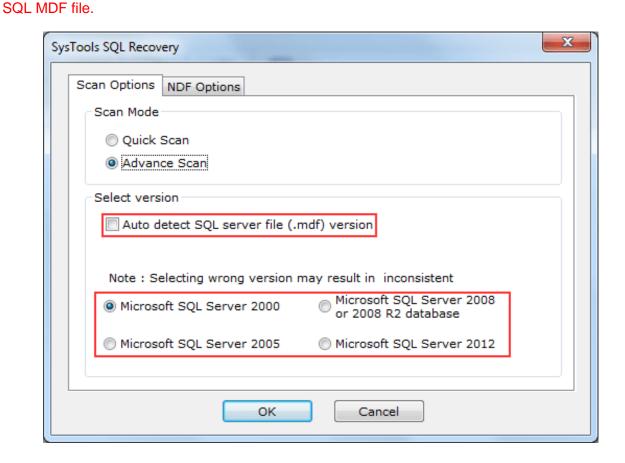
• Browse for MDF file. Select the MDF file & click Open:



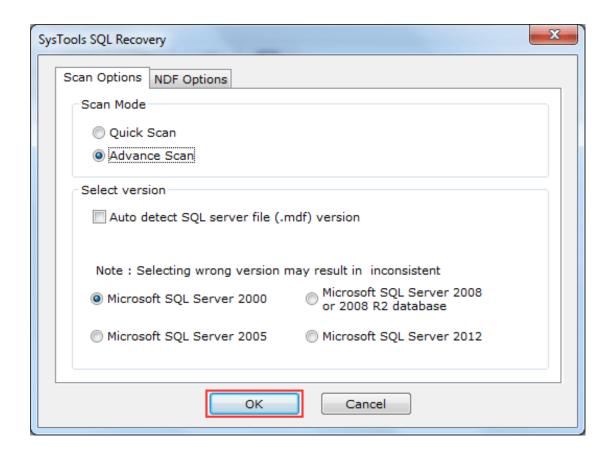
- Under Scan option, two scan options are provided for scanning of MDF files:
 - → Quick Scan: It is faster scan process for scanning MDF files more faster
 - → Advance Scan: It is the slow scan process for slower scanning of MDF file



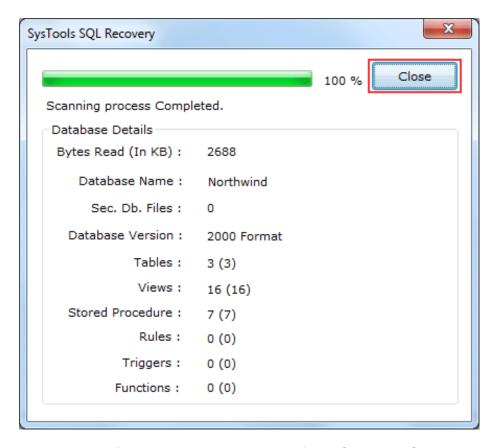
Select the required version of your SQL MDF file. Important Note: If the selected MDF file is not of
the selected Version then inconsistency might be reported:
Note: The option "Auto detect SQL server file (.mdf) version" automatically detect the version of



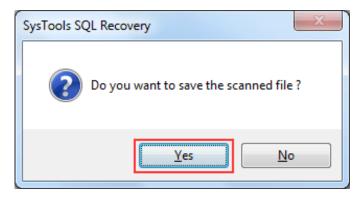
• Click **OK** to initiate the loading of MDF file.



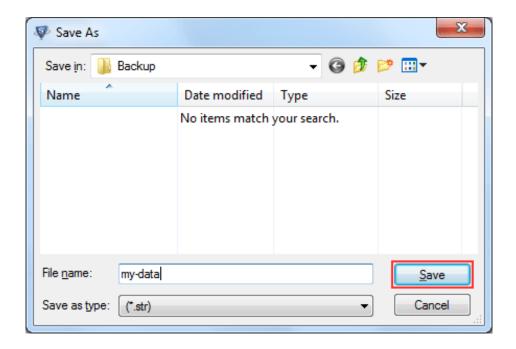
• Scanning with Successful status confirm the loading of MDF file. Click Close:



• The software provide option for saving the scanned MDF file in STR type. Click Yes to save it:



• Enter the name for saving it. Click Save:



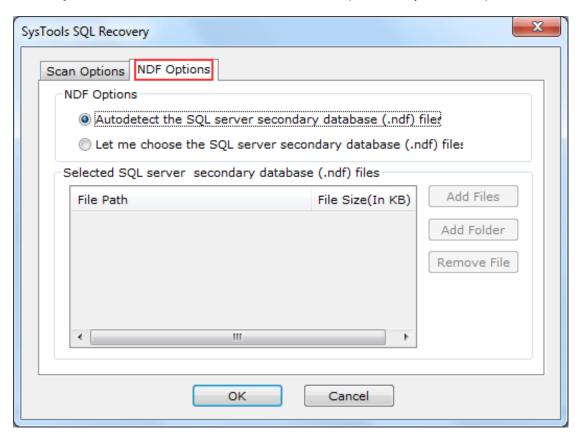
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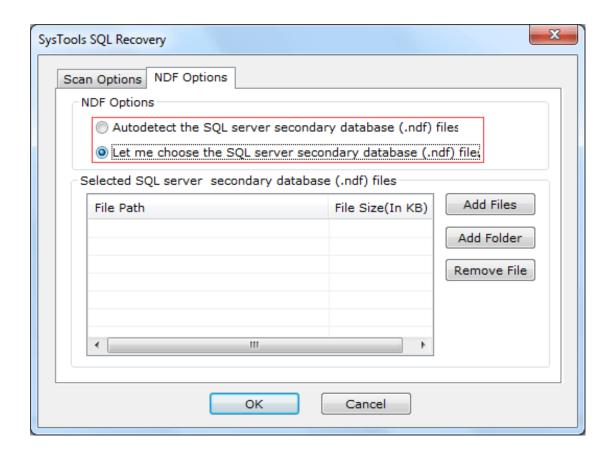


Add NDF File

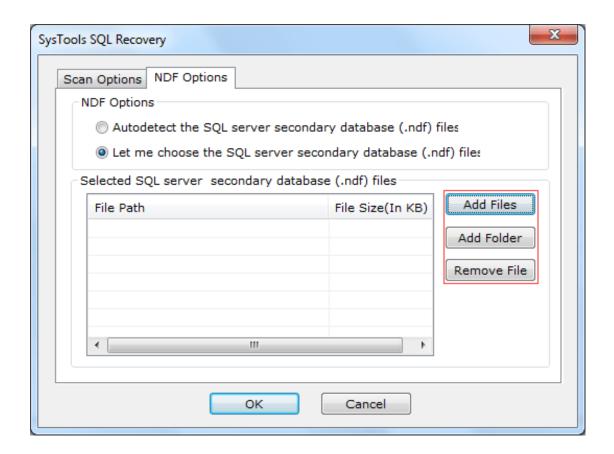
• Select **NDF Options** tab in order to recover the NDF files (Secondary database):



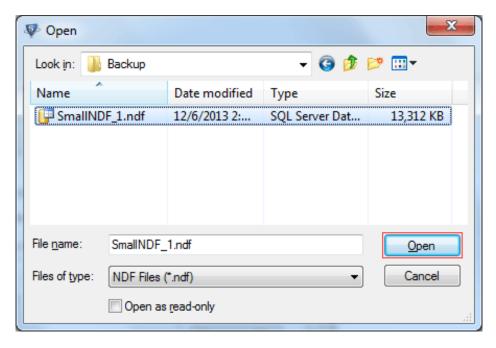
• Now select from the NDF option, either detect NDF file automatically or add NDF file manually:



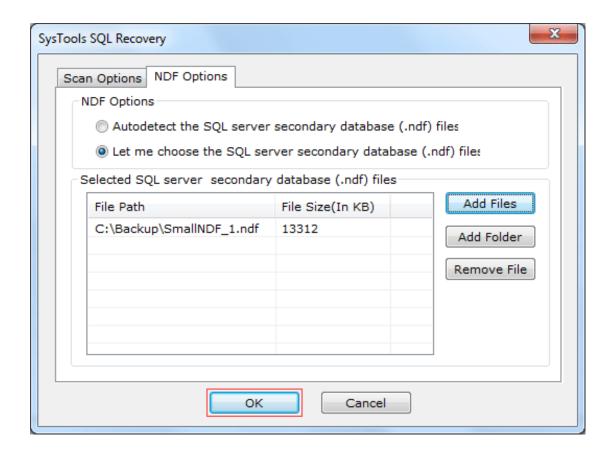
Add File option is used for adding NDF file one by one while Add Folder option is used to add
multiple NDF files. If it is required to remove the NDF file from list then Remove File option can be
used:



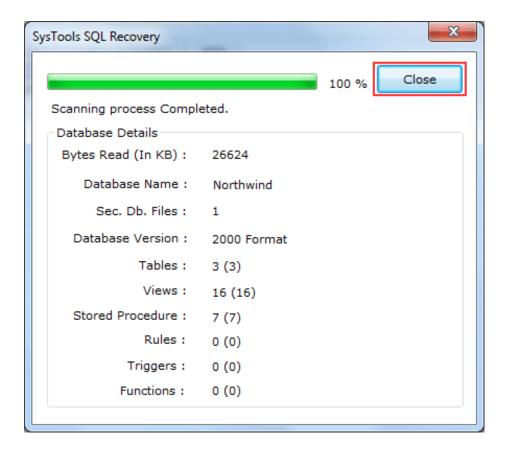
• Select the NDF file. Click **Open**:



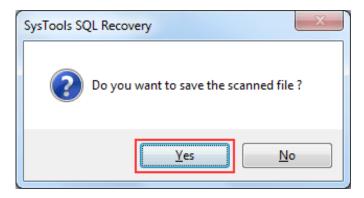
• Click **OK** to initiate the scanning of NDF file:



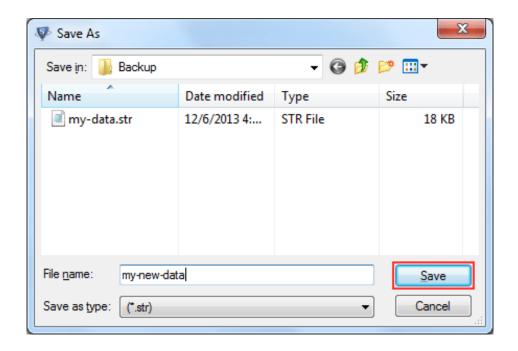
• Software shows the summarized details of selected NDF files. Click Close:



• You can also save the NDF file in .STR file type. If you want to save STR file then click on Yes:



• Enter the name for saving the STR file. Click Save:



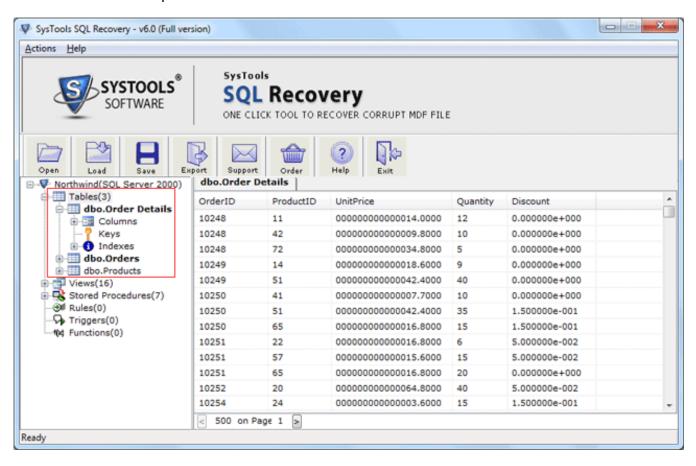
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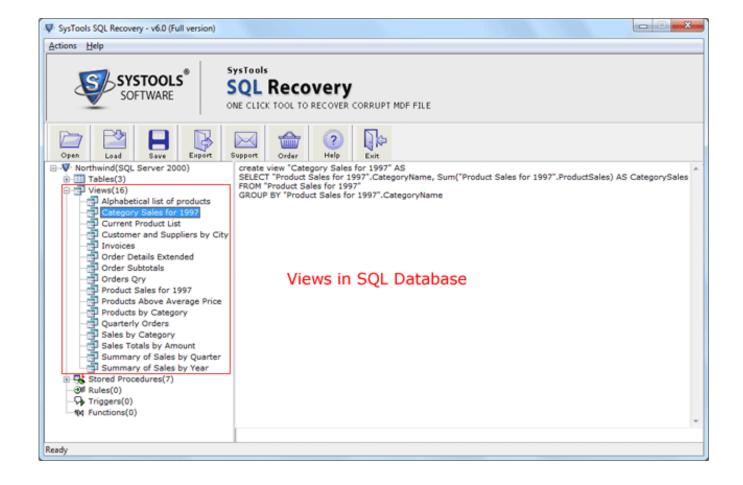


Preview Database items

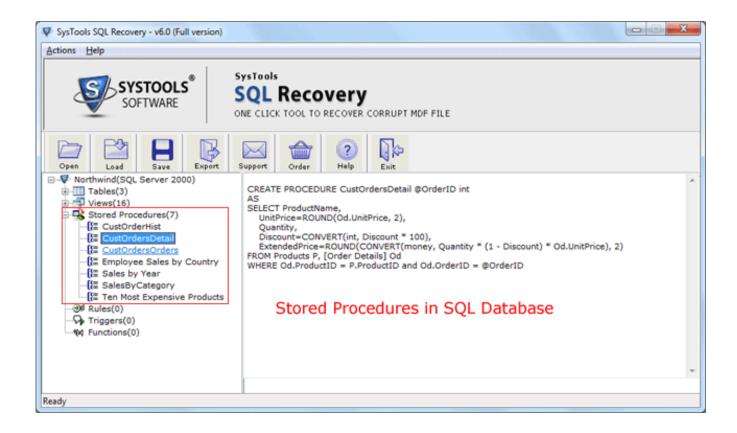
• User can preview the components of MDF/NDF file by expanding the b-tree in the left panel of the software. Click "+" option to view the **Tables**:



• To preview the **Views** component, expand it & select the Views from it:



• To preview the **Stored Procedures** component, expand it & select the Stored Procedures from it:



• The Rules, Triggers & Functions can be viewed in same way:



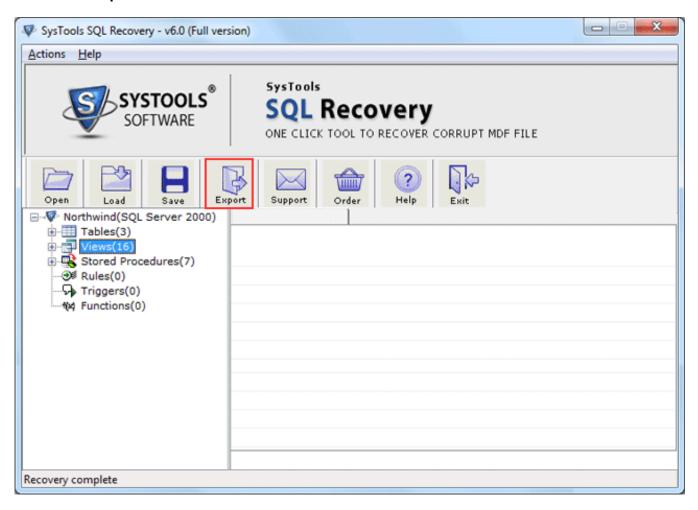




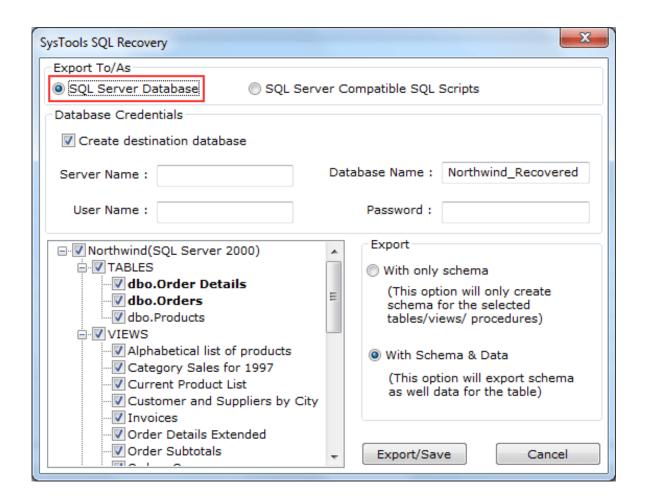
Export MDF or NDF File

To export MDF & NDF file user can transfer the recovered files directly into the SQL server database or into SQL Server compatible SQL script.

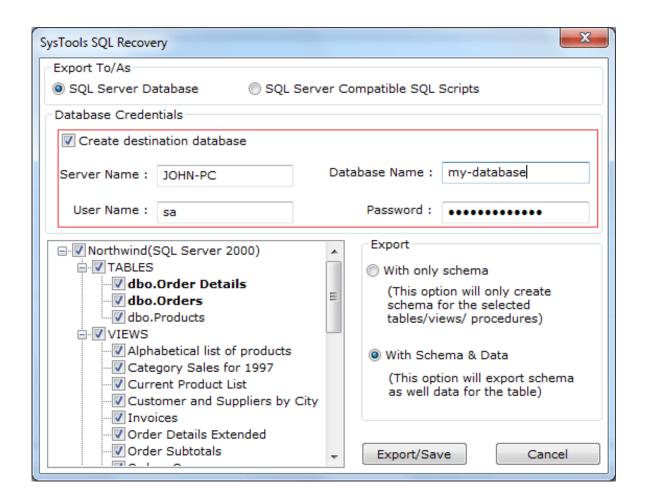
• Click the **Export** button from tool bar:



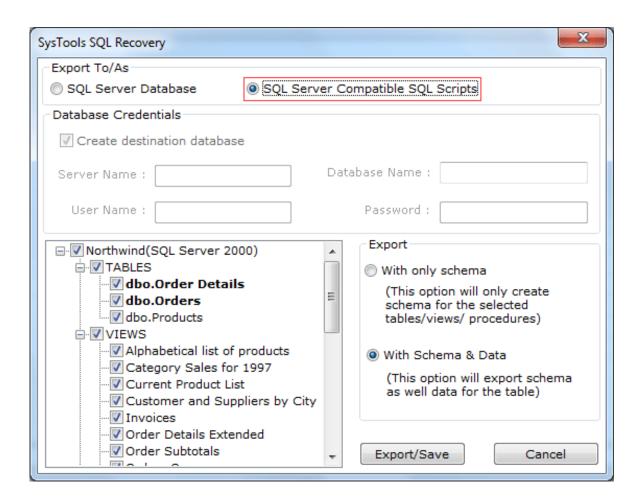
• To export the MDF file into SQL Server, you need to select the **SQL Server Database** option:



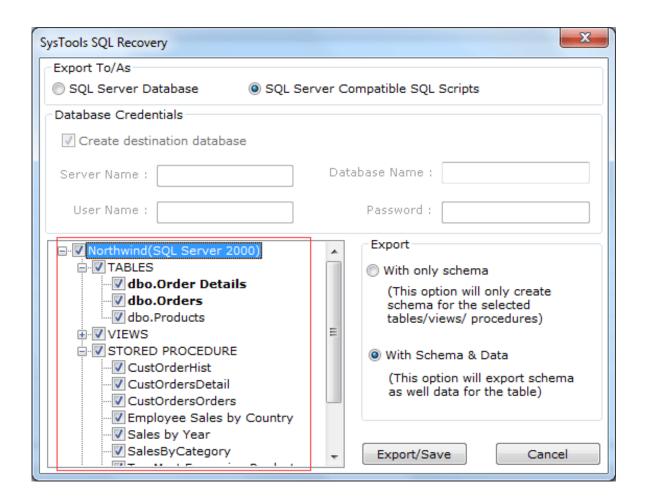
 Now fill the credentials like Server Name, User Name, Database Name & Password for exporting into SQL Server:



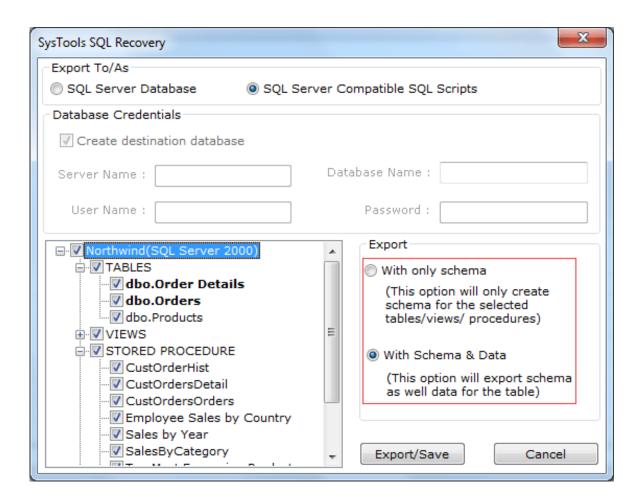
• The .sql file get created if you export through the **SQL Server Compatible SQL Script** mode:



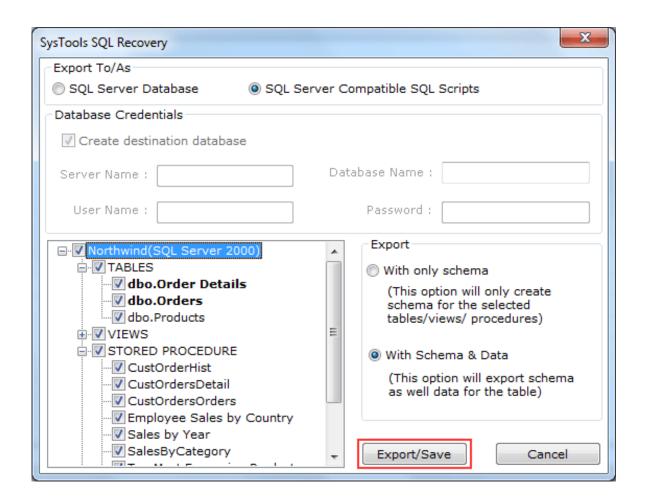
• Now check the desired component of database to export:



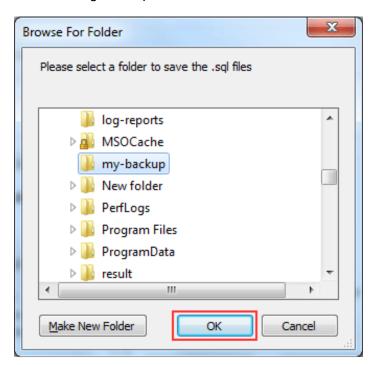
 Choose from option either you want to export the MDF file with only schema or with schema & Data:



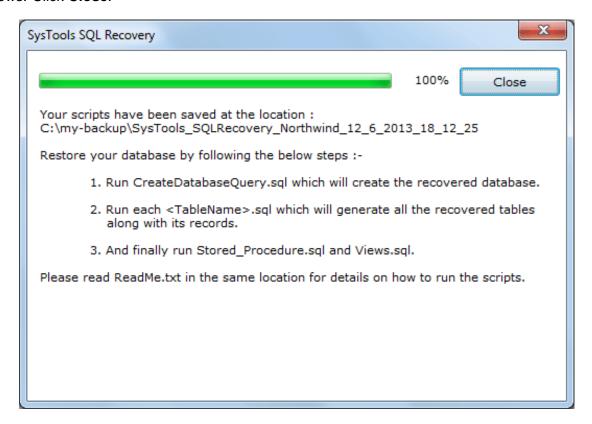
• Click **Export/Save** option to initiate the export process:



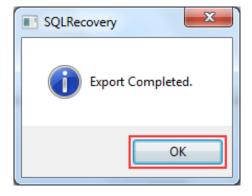
• Select the folder location for saving the .sql file. Click **OK**:



 After the completion of the recovery process, software will prompts the completion process as follows. Click Close:



• Export completed successfully. Click **OK**:



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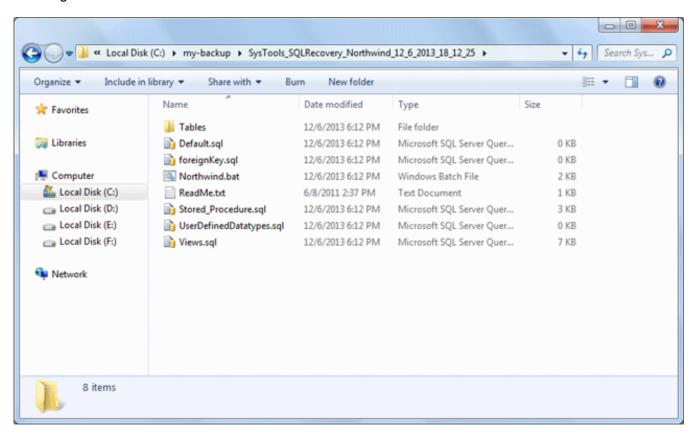




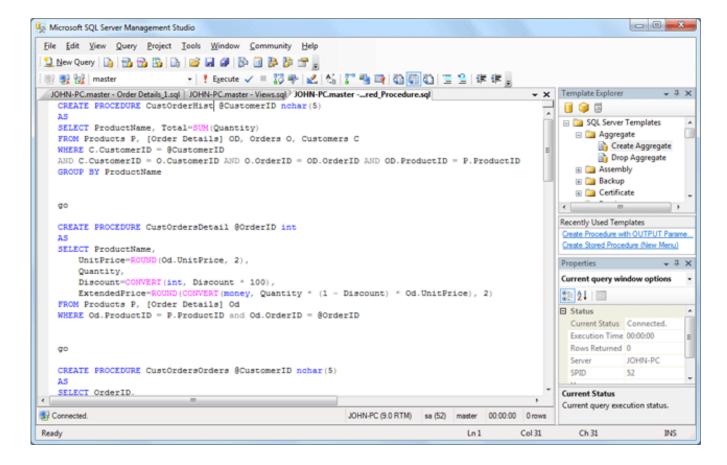
Preview the Result

Check the result after recovering the corrupted MDF/NDF file.

Navigate to the saved location:



• Open & preview the SQL script in SQL server:



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Frequently Asked Questions

- → What is the difference between MDF Files & NDF Files?
- → What is difference between Export With only Schema & Export Schema & Data?

What is the difference between MDF Files & NDF Files?

A data file with .MDF extension is called a Primary Data File, and the reason behind it is that it contains Meta Data. Meta Data is "Data about Data". An example for Meta Data includes system objects that store information about other objects, except the data stored by the users. Although Meta Data stores information about other objects, it is not the transactional data that a user enters; rather, it's a system data about the data. Any additional data file that you add to the database will have only transactional data but no Meta Data, so that's why it is called as the Secondary Data File. It is given the extension name .NDF so that the user can easily identify whether a specific data file is a Primary Data File or a Secondary Data File(s)

What is difference between Export With only Schema & Export Schema & Data?

The difference between Export With only Schema & Export Schema & Data is explained below:

- → By using Export With only Schema option users are allowed to create only schema of the selected table, procedure & Views.
- → By using Export Schema & Data user can export schema with the data for the corresponding table.



SysTools SQL Recovery Purchase and Support



Software comes free in evaluations to procure its functionality first, further inducing you for its licensed purchase. All the same, avail **24x7** online chat assistance facilities, direct from the benches of technical support team.

More to Come

- → Free Demo
- → Purchase
- → Support



SysTools SQL Recovery Free Demo



The SysTools SQL Recovery software comes with a free of cost demo version that allows the users to preview the components of MDF/NDF file. So it is advised to work on free SQL Recovery software & move for the purchase of full version for the using other advance feature like.

SysTools Official Site to download demo from: http://www.systoolsgroup.com/sql-recovery.html



SysTools SQL Recovery Purchase SysTools SQL Recovery



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Avail Online Support on SysTools SQL Recovery

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Chat Support: http://messenger.providesupport.com/messenger/evan.html

Visit online FAQs or switch to software help manual for primary assistance on software functioning before leveraging technical support.

Online Help: http://www.systoolsfaqs.com

Visit Our Website: http://www.systoolsgroup.com

SysTools Knowledgebase: http://www.systoolskb.com/

Email Support

For Sales: sales@systoolsgroup.com

For Support: support@systoolsgroup.com



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