

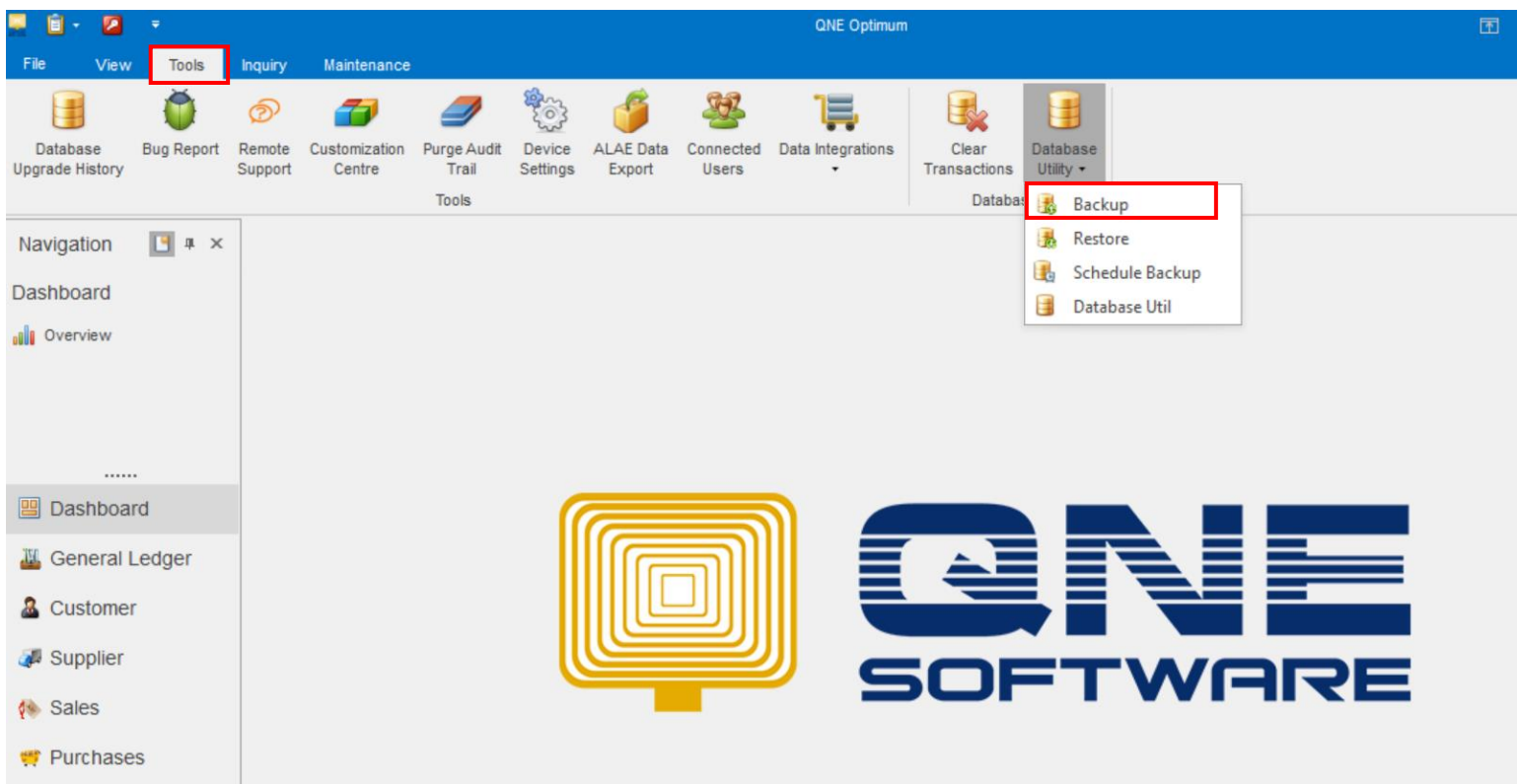


## HOW TO BACKUP AND RESTORE DATABASE

Database backup is one of the preventive measure that most of the enterprises and business do in case of a sudden system failure, data corruptions due to virus attacks and loss of data due to power interruptions.

To do manual backup, QNE Supervision Team highly suggest that provision of using external storage device such as HDD should be available with a respective storage size.

Using the menu bar, go to the Tools then look for Database. Under Database Utility, select Backup.



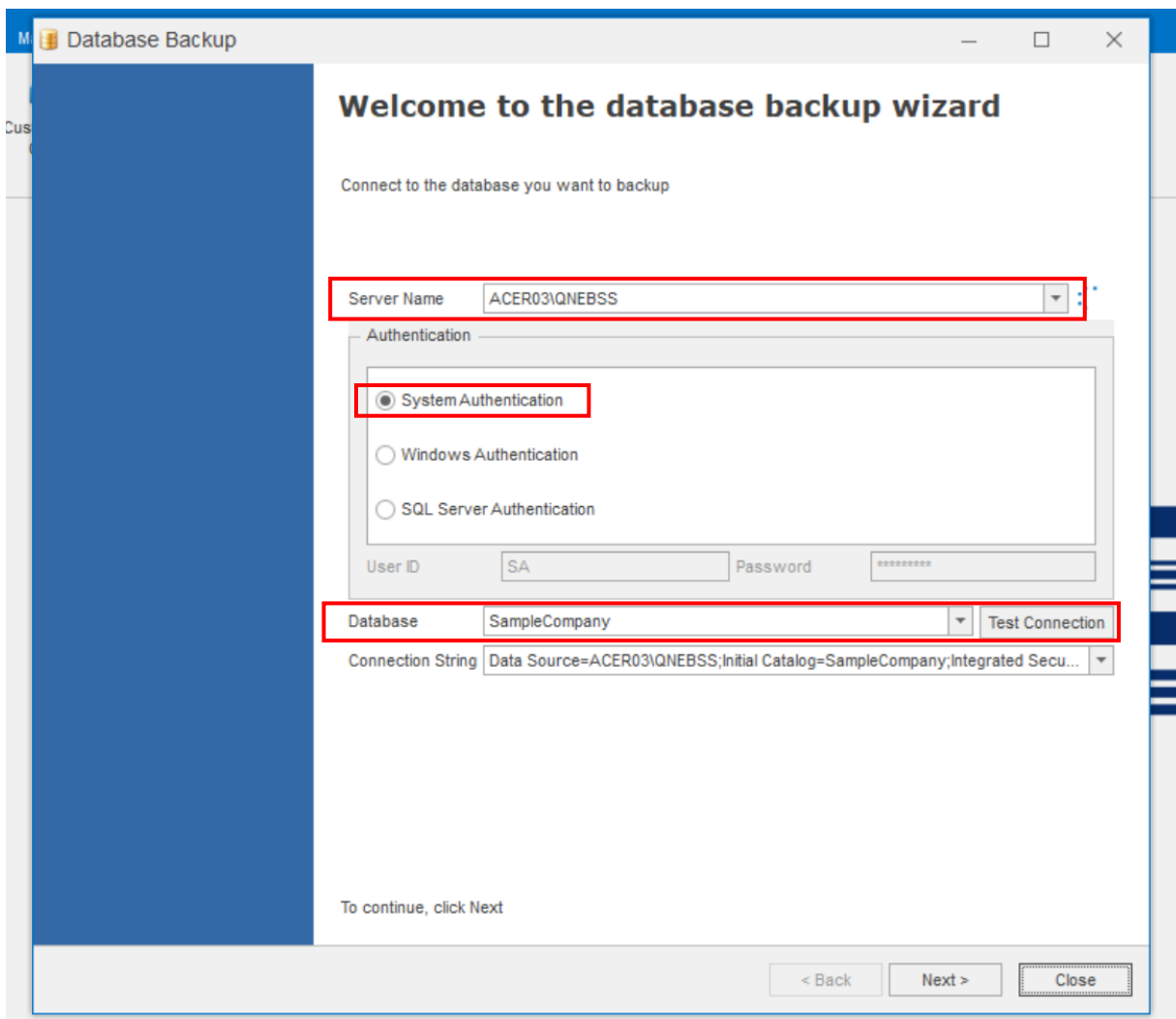
The screenshot displays the QNE Optimum software interface. The top navigation bar includes 'File', 'View', 'Tools', 'Inquiry', and 'Maintenance'. The 'Tools' menu is expanded, showing options like 'Database Upgrade History', 'Bug Report', 'Remote Support', 'Customization Centre', 'Purge Audit Trail', 'Device Settings', 'ALAE Data Export', 'Connected Users', 'Data Integrations', 'Clear Transactions', and 'Database Utility'. The 'Database Utility' dropdown menu is open, highlighting 'Backup', 'Restore', 'Schedule Backup', and 'Database Util'. The left sidebar shows a navigation menu with 'Dashboard', 'General Ledger', 'Customer', 'Supplier', 'Sales', and 'Purchases'. The bottom right corner features the QNE Software logo.

**Note:** Admin user should be logged in the database to access this feature

Select the server name and the instance name in which were all the database can be found.

Authentication should be System Authentication  
Then select the database you want to backup.

Once done, click Next.



Database Backup

## Welcome to the database backup wizard

Connect to the database you want to backup

Server Name: ACER03\QNEBSS

Authentication:

- System Authentication
- Windows Authentication
- SQL Server Authentication

User ID: SA Password: \*\*\*\*\*

Database: SampleCompany Test Connection

Connection String: Data Source=ACER03\QNEBSS;Initial Catalog=SampleCompany;Integrated Secu...

To continue, click Next

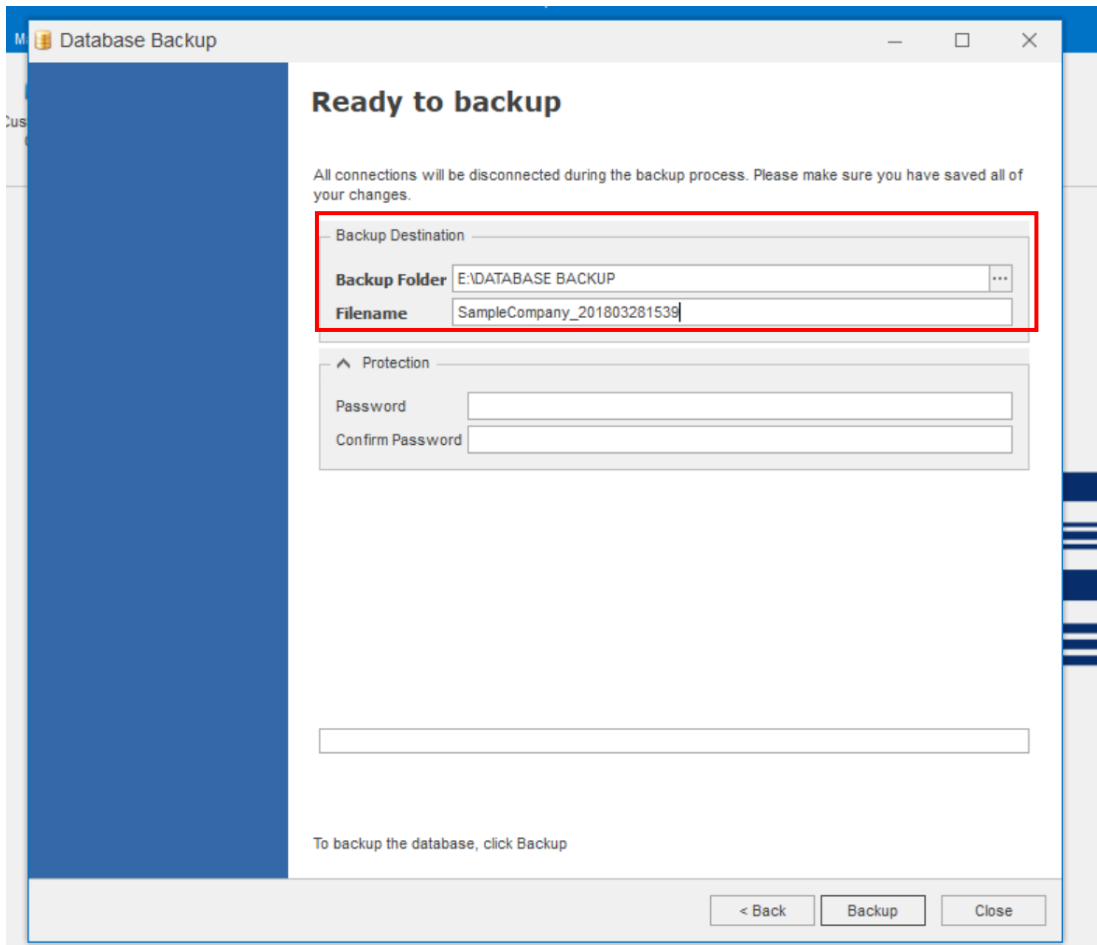
< Back Next > Close

Now, select the backup folder where you want to store your database (recommended to use external storage device).

Filename is already provided which contains the database name and the date of the backup.

For a more secured backup, Protection can be done by providing Password to a Backup file.

When restoring a backup, password should be specified if there is a provided password when backup.



**Database Backup**

### Ready to backup

All connections will be disconnected during the backup process. Please make sure you have saved all of your changes.

Backup Destination

**Backup Folder** E:\DATABASE BACKUP

**Filename** SampleCompany\_201803281539

Protection

Password

Confirm Password

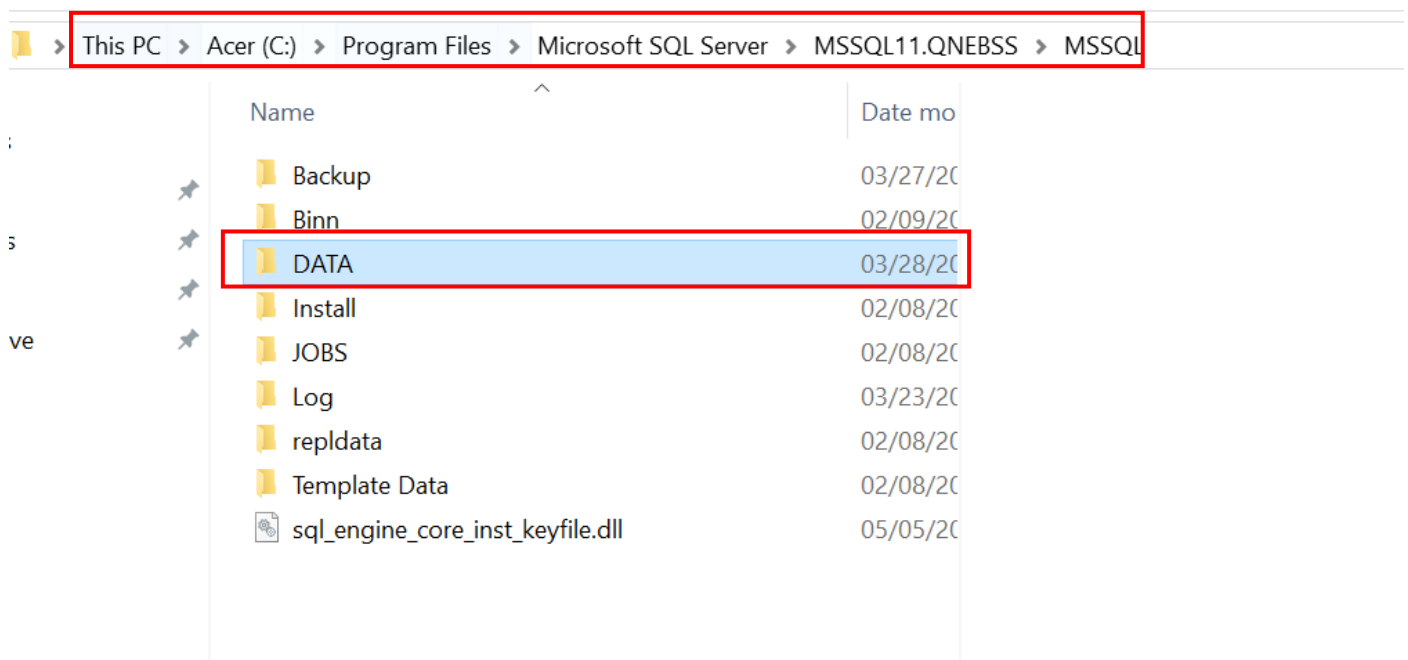
To backup the database, click Backup

< Back Backup Close

Before doing a backup, please make sure that there is an enough access restriction in the MS SQL folder.

Please visit the default link below in order to grant access to a read and write function.

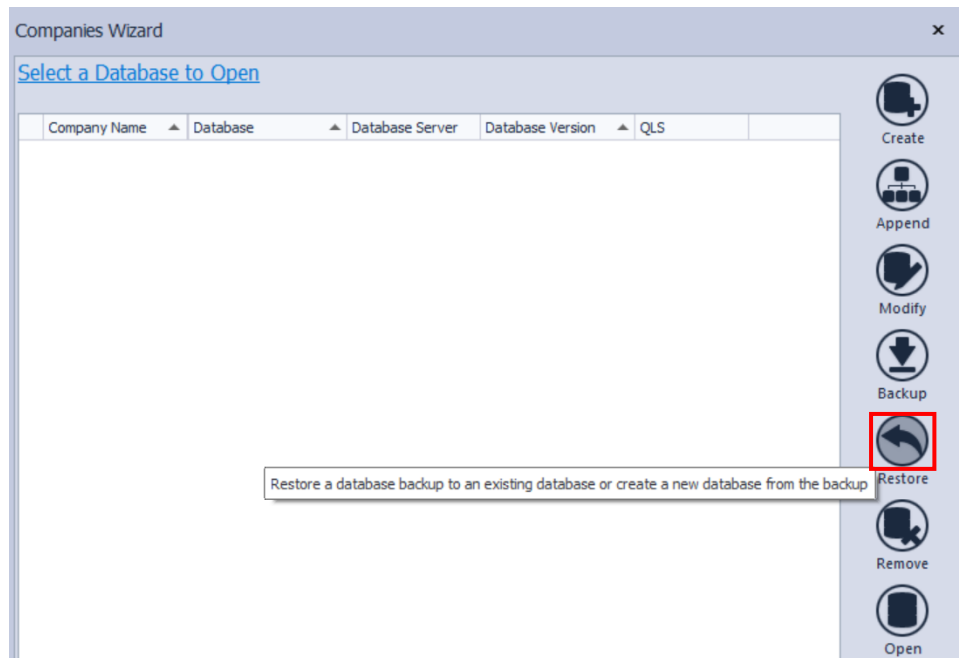
C:\Program Files\Microsoft SQL Server\MSSQL11.QNEBSS\MSSQL\DATA



To restore a backup database, using the Log On screen click the Database Wizard.



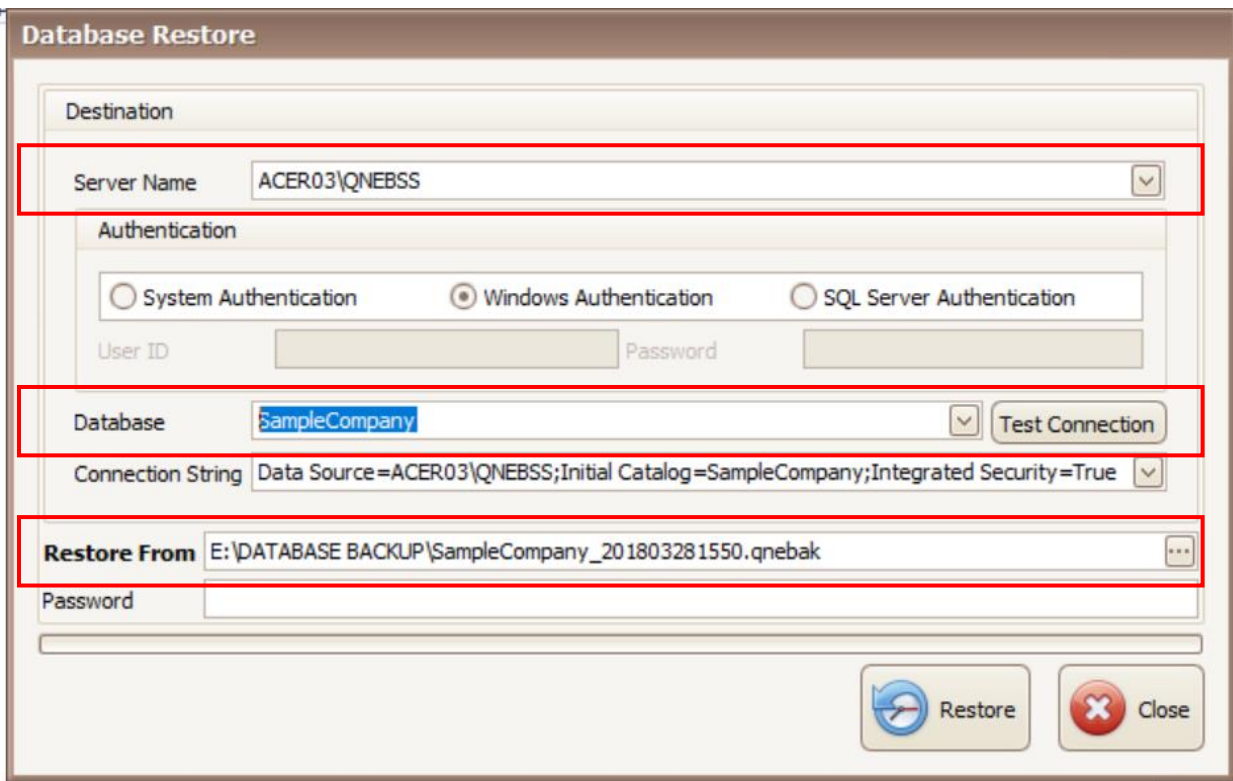
Then, select the restore options.



Once done, Select the Server Name. You can provide new database name if preferred then on the restore from, locate the backup file with an extension file name of .qnebak.

Please input password if there are any.

Then click restore.



**Database Restore**

Destination

Server Name: ACER03\QNEBSS

Authentication

System Authentication  Windows Authentication  SQL Server Authentication

User ID: Password:

Database: SampleCompany Test Connection

Connection String: Data Source=ACER03\QNEBSS;Initial Catalog=SampleCompany;Integrated Security=True

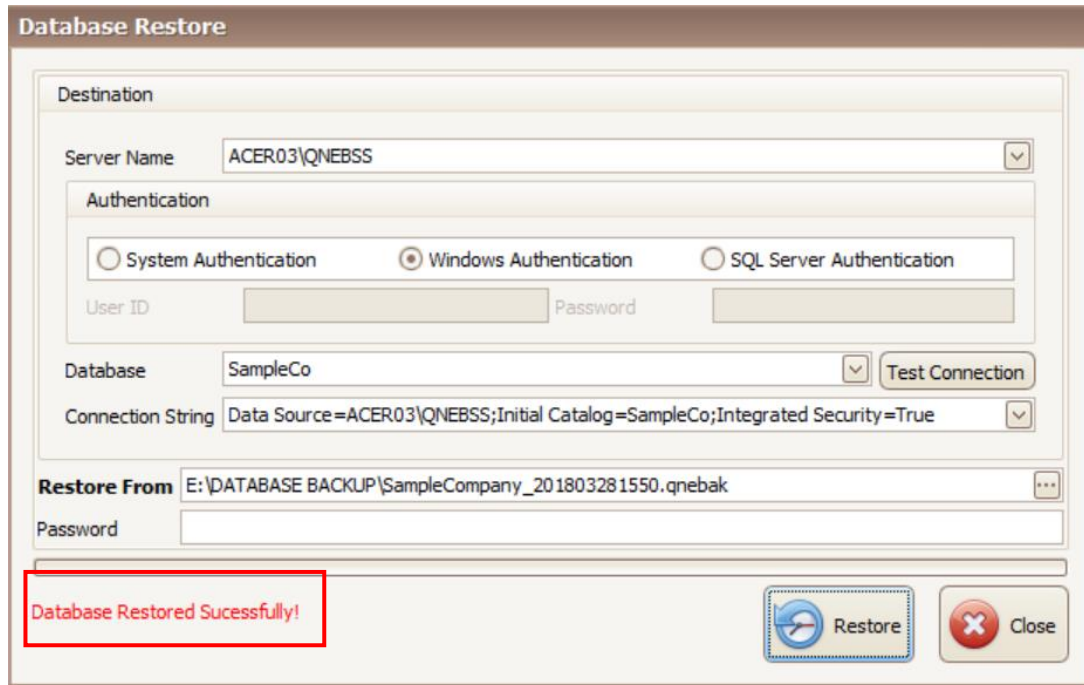
Restore From: E:\DATABASE BACKUP\SampleCompany\_201803281550.qnebak

Password:

Restore Close



Once the restoration is successful, watermark will show that it is executed normally.



You can now open the restored database in the company wizard.

