

# Barscan 50 Data Service Administrator

## Instruction Manual



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## Requirements

### Supported Operating

All 32 or 64-bit variants of Microsoft® Windows® 10, 8, 7, Vista, Server 2012 R2, Server 2012, Server 2008 R2, Server 2008.

### Processor

Processor speed 2GHz processor or equivalent

### Memory

RAM (Memory) 2GB RAM, 4GB RAM for all computers running a 64-bit operating system.

### Disk Space

Free disk space 5GB of free disk space plus additional space for data files

### Network

Network speed 1Gbps (100Mbps minimum)

### Internet

Internet connection is essential to keep your software up to date.

Recommended download speed: 4Mbps or higher.

Recommended upload speed: 2Mbps or higher.

Internet Explorer 10 or later is required.

### SQL Server

Microsoft SQL Server 2012 or later.

## Installation

1. Log on to your computer as an administrator.
2. Run the setup file supplied for Sage 50 Data Sync
3. To accept the terms and conditions, select the check box then click **Next**.
4. Click **Standard (recommended)** then click **Yes, begin installation**.

## Setting Up

### Launch Barscan Data Service Administrator

The Admin Screen is divided in to 4 sections

#### Service Status

This displays if the service is stopped, running or has an issue.

#### Service Schedule

Allows the service to schedule when to perform the sync with the Sage and Hand Held system.

#### Sage Connection

The connection to your Sage Database. You will need the Sage 50 system installed to connect to the database.

#### SQL Server Connection

The connection to the SQL Server. Note if you do not have a SQL Server on the network it is recommended to install SQL Server Express 2014 on a network server. More details are available [here](#).

### Barscan Service

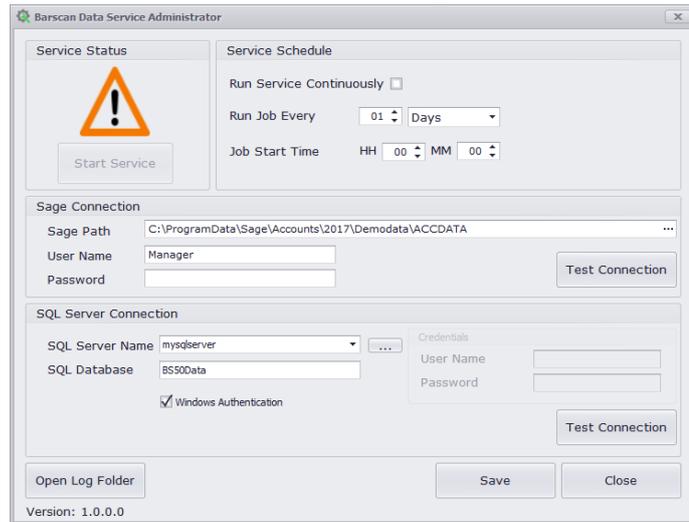
As part of the install Barscan will install a Barscan Data Service on the selected server/computer. By Default the service is set to off. Once the sage database is set and a valid SQL Server is defined, the service can be started to sync Sage 50 with the hand held system.

#### Error Logs

Pressing the Open Log Folder, displays the log files for the service. The files are kept up to 30 days.

Each file is given the year, month and day in the file name.

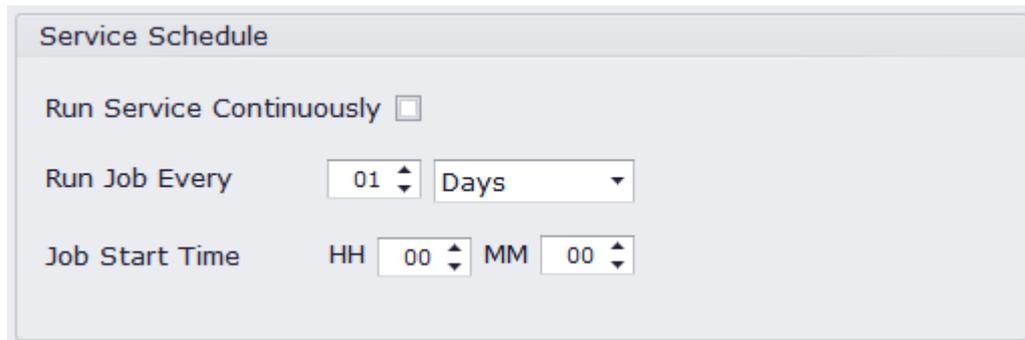
Each time the service attempts to run a sync, it places an entry to the log file.



```
12:03:37 Starting Sync
12:03:42 Starting Company Sync
12:03:42 Finished Company Sync.
12:03:42 Starting Customer Sync
12:03:43 Finished Customer Sync.
12:03:43 Starting Stock Sync
12:03:46 Finished Stock Sync.
12:03:46 Starting Supplier Sync
12:03:47 Finished Supplier Sync.
12:03:47 Starting ZCleanUp Sync
12:03:47 Finished ZCleanUp Sync.
12:03:47 Finished Sync
```

The files can be deleted manually if needed.

## Service Schedule



The screenshot shows a window titled "Service Schedule" with the following controls:

- Run Service Continuously**: A checkbox that is currently unchecked.
- Run Job Every**: A numeric spinner set to "01" and a dropdown menu set to "Days".
- Job Start Time**: Two numeric spinners for "HH" and "MM", both set to "00".

The service schedule dictates how often the system sync's. It is recommended to set this continuously. By doing this the hand held scanners will always have up-to-date information.

Other options are

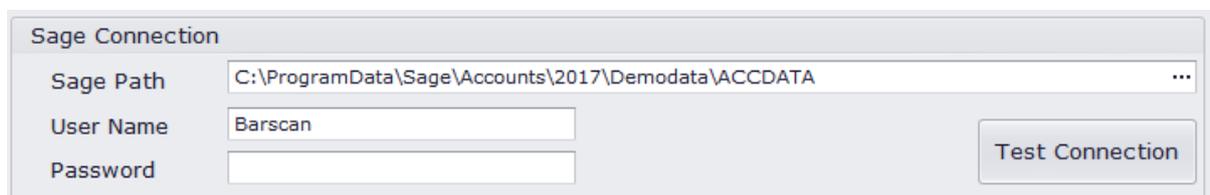
Days

Hours

Minutes

By selecting any of these the system will be scheduled to run at the interval specified.

## Sage Connection



The screenshot shows a window titled "Sage Connection" with the following controls:

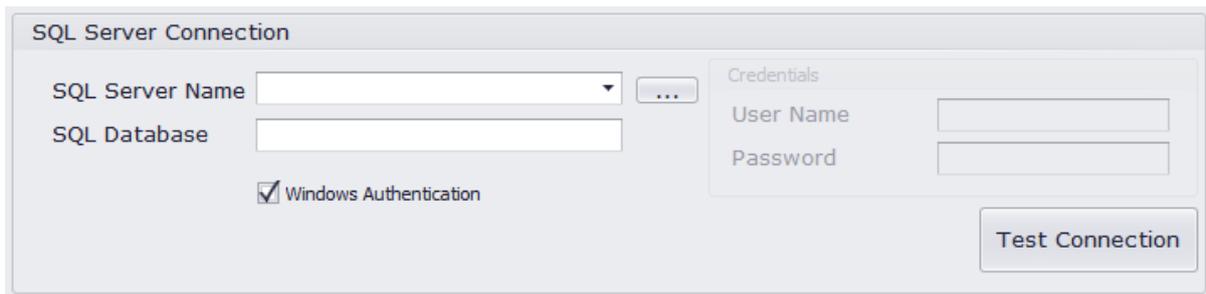
- Sage Path**: A text field containing "C:\ProgramData\Sage\Accounts\2017\Demodata\ACCDATA" with a browse button (three dots).
- User Name**: A text field containing "Barscan".
- Password**: An empty text field.
- Test Connection**: A button located to the right of the Password field.

Before setting this ensure you have created a user for Barscan to use when accessing the Sage database. Also ensure the full Sage system is installed on the server/computer where the Barscan Service will run.

Once the Sage Path and username/password are entered pressing Test Connection will attempt to access the Sage Database.

Should there be an issue, the system will notify of the problem.

## SQL Server Connection



The screenshot shows a dialog box titled "SQL Server Connection". It has two main sections. The left section contains a dropdown menu for "SQL Server Name" with a browse button "...", a text input field for "SQL Database", and a checked checkbox for "Windows Authentication". The right section is titled "Credentials" and contains text input fields for "User Name" and "Password". A "Test Connection" button is located at the bottom right of the dialog.

Barscan 50 requires a SQL Server to be installed on the network.

Input the Server name/ip and the Barscan Database name.

Pressing Test will perform 2 tasks

- Verify the SQL Server and Database are valid.
- Create the tables needed to run Barscan 50.

## Starting the Service

Once all the details have been inputted, pressing Start Service will run the first sync of the Sage Database to Barscan 50.

The first sync could take several minutes.

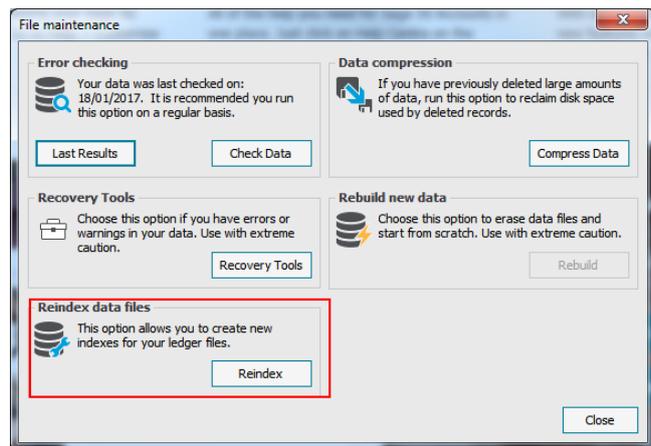
Depending on the schedule, the sync will run as defined and ensure Barscan 50 transactions are posted as well as the latest information being available to the hand held system.



## Sage 50 Maintenance

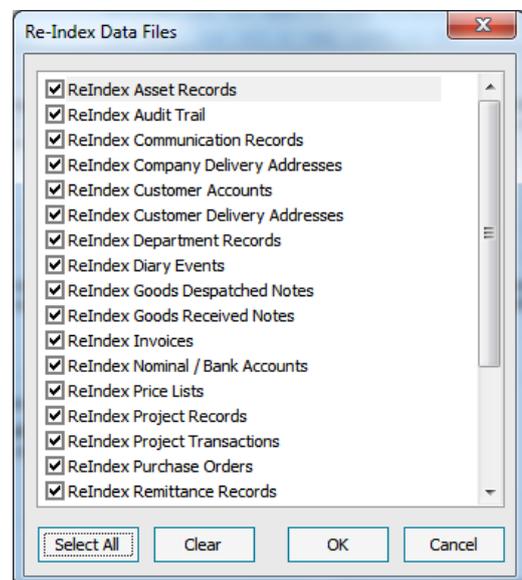
As Sage 50 is a file based system, it is important to ensure the database is optimised frequently. Prior to setting up Barscan it is advised to re-index and compress the Sage Database and to implement a weekly database optimisation.

To optimise the Sage 50 database, simply select file in the Sage 50 system, maintenance and reindex. It is advised to backup the database before doing this.

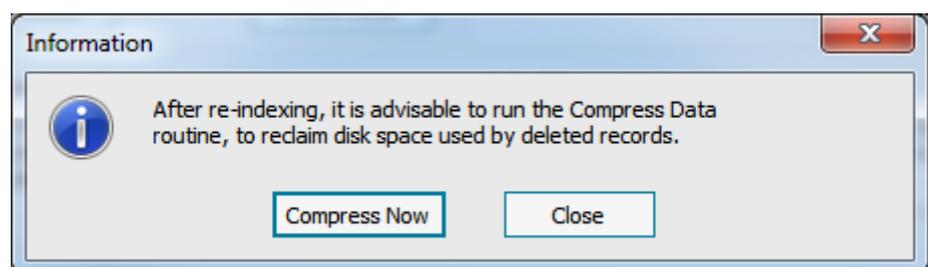


Select Re-index all in the next screen and press OK.

Depending on the size of the Sage data this could take several minutes to complete.



When completed, select Compress Now when prompted.



What the system is completing is a full re-index of all the files and clearing out space used by deleted entries. Failure to do this will result in a gradual slow down of both Sage and the Barscan system.

## More Help

If you encounter any issues with the install, please email [support@esstech.ie](mailto:support@esstech.ie)

We would be happy to help.