

## How Sage 50 Manufacturing Communicates with Sage 50 Accounts

### Sage 50

Sage 50 Manufacturing connects to Sage 50 Accounts using both ODBC and SDO connections. These connections can be summarised as below.

- **ODBC** – Open Database Connectivity is a Microsoft standard method of database access. This is used by Sage 50 Manufacturing to read data from Sage 50 Accounts
- **SDO** – Sage Data Objects are primarily used as the mechanism so that Sage 50 Manufacturing can update or insert data into Sage 50 Accounts

#### SDO

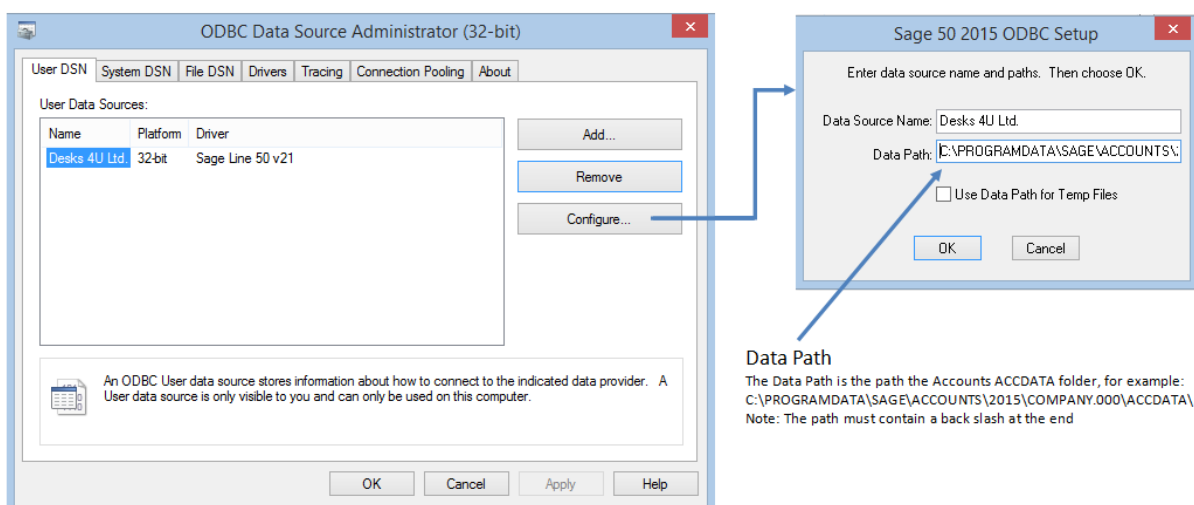
The SDO is made up of a number of system files primarily held in the Windows > System 32 (32-bit PCs) or SYSWOW64 (64-bit PCs) folder. This information is extremely useful when checking that the system is configured to use the correct version. This is held within the Windows registry and is updated when Sage 50 Accounts is installed but it can be checked within the registry by referring to the following keys:

- HKEY\_LOCAL\_MACHINE\SOFTWARE\Sage\Line 50\SDO – (32bit)
- HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node\Sage\Line 50\SDO – (64 bit)

This will contain a version against the 'Current' string represented as SDOEngine.xx (For example, SDOEngine.21 for version 2015 of Sage 50 Accounts). On occasions, usually where multiple versions of accounts are continually installed, it may be necessary to manually correct this.

#### ODBC

Manufacturing uses a 32bit User DSN ODBC connection. You can view and configure this via the odbcad32.exe held within SYSTEM32 (32bit) or SYSWOW64 (64bit). The ODBC data source is created when a company is set up in Manufacturing for the first time.



The image shows two overlapping windows. The left window is the 'ODBC Data Source Administrator (32-bit)' with the 'User DSN' tab selected. It displays a table of 'User Data Sources' with one entry: 'Deoks 4U Ltd.' with platform '32-bit' and driver 'Sage Line 50 v21'. The 'Configure...' button for this entry is highlighted with a blue arrow pointing to the right window. The right window is the 'Sage 50 2015 ODBC Setup' dialog. It prompts the user to 'Enter data source name and paths. Then choose OK.' The 'Data Source Name' field contains 'Deoks 4U Ltd.' and the 'Data Path' field contains 'C:\PROGRAMDATA\SAGE\ACCOUNTS\'. There is an unchecked checkbox for 'Use Data Path for Temp Files' and 'OK' and 'Cancel' buttons at the bottom.

**Data Path**  
The Data Path is the path the Accounts ACCDATA folder, for example: C:\PROGRAMDATA\SAGE\ACCOUNTS\2015\COMPANY.000\ACCDATA\  
Note: The path must contain a back slash at the end