

# Chapter 8

## Configuring the Client/Server ODBC Driver



This chapter applies to:  
Sage 100 Advanced ERP

The Sage 100 Advanced ERP server installs client/server ODBC driver components, which allow remote workstations to process worktables using server-side ODBC processing. Report rendering is completed using a locally cached copy of the form or report and a local SAP Crystal Reports print engine.

### Server-Side Configuration

Set up the client/server ODBC driver to run as an application or as a service before configuring the server.

#### Running as an Application or Service

Determine whether to run the client/server ODBC driver as an application or as a service, and perform one of the following:

- To run the client/server ODBC driver as an application, in Windows Explorer, locate and double-click the pvxiosvr.exe file in the following location:

```
..\MAS90\Home\pvxiosvr.exe
```

- To run the client/server ODBC driver as a service, select File > Run on the server and enter the fully qualified path to pvxiosvr.exe followed by the -i parameter. For example:

```
\\ServerName\SharePoint\MAS90\Home\pvxiosvr.exe -i
```

- To uninstall previous versions of the client/server ODBC driver as a service, select File > Run on the server and enter the fully qualified path to pvxiosvr.exe followed by the -u parameter. For example:

```
\\ServerName\SharePoint\MAS90\Home\pvxiosvr.exe -u
```

## Configuring the Server

If you set up the client/server ODBC driver to run as a service, follow the procedure for your server's operating system to configure the server.

### To configure a server running Windows Server 2012

- 1 From the Sage 100 Advanced ERP server, right-click Server Manager on the system's Desktop.
- 2 In the Server Manager window, on the Tools menu, click Services. The services appear in the right pane of the window.
- 3 Double-click the Sage 100 ERP Client Server ODCB Driver Service item.
- 4 In the Sage 100 ERP Client Server ODCB Driver Service Properties window, at the Startup type field, select Automatic, and then click the Log On tab.
- 5 Click the General tab, and then click Apply.
- 6 Click Start and verify that the service starts successfully.
- 7 Click OK.

### To configure a server running Windows Server 2008


- 1 From the Sage 100 Advanced ERP server, right-click My Computer on the system's Desktop, and then select Manage.
- 2 In the left pane of the Server Manager window, select Configuration. The Services item appears in the right pane of the window.
- 3 Double-click the Services item. All of the services available on the server appear in the right pane of the window.
- 4 Double-click the Sage 100 ERP Client Server ODCB Driver Service item.
- 5 In the Sage 100 ERP Client Server ODCB Driver Service Properties window, at the Startup type field, select Automatic, and then click the Log On tab.

## Workstation Configuration

Use the Library Master System Configuration task to configure the workstation and then test the ODBC data source.

### To configure the workstation

- 1 On the Sage 100 Advanced ERP Desktop, select Library Master Setup menu > System Configuration. The System Configuration window appears.
- 2 Click the ODBC Driver tab, and then select the Enable C/S ODBC Driver check box.
- 3 At the ODBC Server Name field, enter the server name or IP address where the client/server ODBC application or service is running.
- 4 At the ODBC Server Port field, enter an accessible server port or leave the field blank to use the default port, 20222.
- 5 Perform one of the following:
  - If all users (both LAN and remote) will be using the client/server ODBC driver, select the Enable for All Users check box.
  - To enable the ODBC driver for an individual user, select Library Master Main menu > User Maintenance. On the Preferences tab, select the Enable C/S ODBC Driver check box.
- 6 Close and restart the workstation client.
- 7 Access and test the ODBC data source.
  - If running a 32-bit system, perform the following steps:
    - a Select Windows Start menu > Control Panel and double-click the Administrative Tools item.
    - b Double-click Data Sources (ODBC). The ODBC Data Source Administrator window appears.

 **NOTE**  
If you encounter problems connecting to the client/server ODBC service, see Configuring the Workstation for the ODBC Driver Service on page 119.


- c On the User DSN tab, double-click the SOTAMAS90 item. The ProvideX ODBC Driver Setup window appears. Click the Debug tab, and then click Test Connection.

If a message appears stating that the connection was successful, the client/server ODBC service is running correctly.

- If running on a 64-bit system, perform the following steps:
  - a On the Windows desktop, double-click the Computer icon.
  - b In the Computer window, locate the c:\windows\SysWOW64 folder.
  - c Double-click Odbcad32.exe. The ODBC Data Source Administrator window appears.
  - d On the User DSN tab, double-click the SOTAMAS90 item. The ProvideX ODBC Driver Setup window appears. Click the Debug tab, and then click Test Connection.

If a message appears stating that the connection was successful, the client/server ODBC service is running correctly.

## Sharing Permissions

 **NOTE**  
For more information about setting permissions, see Sage 100 ERP Security Permissions on page 122.

On the Sage 100 Advanced ERP server, you can set the share permissions to allow users to print server reports. You can grant permissions at the share point to allow for Read, Change, or Full Control access. When printing a version 4.x form or report, the user can print to any valid Windows printer, defer reports, or export or e-mail.

Users with no access to the Sage 100 Advanced ERP share point on the server will be able to print to Deferred. To print or preview from Deferred Printing, users must have a minimum of Read access to the Sage 100 Advanced ERP server share point.