

How to Setup an ODBC Data Source for Cadence OrCAD Capture CIS

## Introduction

Before you can setup the Cadence<sup>®</sup> OrCAD<sup>®</sup> Capture CIS configuration file (.DBC), you must define the open database connectivity (ODBC) data source for your database. Capture CIS interfaces to your part database using a defined ODBC data source name. A data source consists of a database filename and an associated ODBC driver with which to access it. If you are setting up a client-server database, the data source also references the database server. Since the introduction of version 17.2 you need to define the data source name, assign the database file name, and specify the ODBC driver using the 64-bit ODBC Windows control panel.

You must define the data source on each user's system. When you do so, use the same data source name. This allows users to share the same configuration file.

Note: If your workgroup is sharing a configuration file, make sure to write-protect the file.

## Creating an ODBC link for Microsoft® Excel® on 64-bit Operating Systems

- 1. Make sure you have the relevant ODBC drivers to map a 32-Bit Microsoft Office to a 64-Bit datasource. Refer to the app note Capture CIS Data Sources for further information.
- 2. Go to the Start > Control Panel > Administrative Tools
- 3. Double click the 'ODBC Data Sources (64-bit)' icon, this will open the ODBC Data Source Administrator dialogue.
- 4. Click the System DSN tab, this will show you the currently configured System Data Sources and will allow you to Add, Remove and configure your ODBC data sources.

3	ODBC E	)ata Source	Administ	rator (64-bi	t)					×
Us	er DSN	System DSN	File DS	SN Drivers	Tracing	Connection F	Pooling	About		
s	ystem Da	ata Sources:								
	Name		Platform	Driver				^	Add	
	BenchA	ccess1660	32-bit	Microsoft A	ccess Driv	er (*.mdb)				
	BenchAd	ccess166D	32-bit	Microsoft A	ccess Driv	er (*.mdb)			Remove	
	BenchAd	ccess1720	64-bit	SQLite3 OD	BC Driver					11
	BenchAd	ccess172D	64-bit	SQLite3 OD	BC Driver				Configure	
	BenchAd	ccess1740	64-bit	SQLite3 OD	BC Driver					11
	cdn_psp	_db172	64-bit	SQLite3 OD	BC Driver					
	cdn_psp	_db174	64-bit	SQLite3 OD	BC Driver					
	CIP-E_C	IS_DB	64-bit	SQL Server						
Η.	CISData	baseCopy	64-bit	SQLite3 OD	BC Driver			~		
L	<						2	>		
		This is a 32 Administrate	-bit System or.	n DSN. It car	i only be re	moved or con	figured v	with the	32-bit ODBC Data Source	
						ОК	Cano	cel	Apply Help	

5. To define a new data source, click the 'Add' button.

6. Select a Microsoft Excel Driver (\*.xlsx). Click Finish.

Create New Data Source		×
	Select a driver for which you want to set up a data source Name Microsoft Access dBASE Driver (*.dbf, *.ndx, *.mdx) 1 Microsoft Access Driver (*.mdb, *.accdb) 1 Microsoft Access Text Driver (*.txt, *.csv) 1 Microsoft Excel Driver (*.ts, *.xlsx, *.xlsm, *.xlsb) 1 ODBC Driver 13 for SQL Server 2 SQL Server 1 SQL Server 1 SQL Server Native Client 11.0 2	
	< Back Finish Cancel	

7. Specify a data source name and description then select your excel database using the Select Workbook button. Press the options button and deselect the read only button (IMPORTANT).

ODBC Microsoft	Excel Setup	?	×
Data Source Name	My_DB	] (	DK
Description:	My CIS Database	Ca	incel
Database		н	leln
Version: Ex	cel 97-2000 V		icip
Workbook: D:	\Demos\RelationalDB\MyDB.xlsx		
	Select Workbook		
Use Current E	Directory	Opti	ons>>

- 8. Click 'OK' to close the 'ODBC Microsoft Excel' dialogue box.
- 9. The configured database is now in the system DSN list.

User DSN       System DSN       File DSN       Drivers       Tracing       Connection Pooling       About         System Data Sources: <ul> <li>Name</li> <li>Platform</li> <li>Driver</li> <li>Excel_sample</li> <li>64-bit</li> <li>Microsoft Excel Driver (*.xls, *.xlsx, *.xlsm, *.xlsl</li> <li>Remove</li> <li>magdes1720</li> <li>64-bit</li> <li>SQLite3 ODBC Driver</li> <li>magdes20emo1660</li> <li>32-bit</li> <li>Microsoft Access Driver (*.mdb)</li> <li>magdes20emo1720</li> <li>64-bit</li> <li>SQLite3 ODBC Driver</li> <li>Microsoft Excel Driver (*.xls, *.xlsx, *.xlsm, *.xlst</li> <li>Configure</li> </ul> <li>         An ODBC System data source stores information about how to connect to the indicated data provider.         A System data source is visible to all users of this computer, including NT services.  </li>	ODBC Data Source	Adminis	trator (64-bit)			
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