



EMA DESIGN AUTOMATION

Component Information Portal™ (CIP-E)

Enterprise Edition

Client Getting Started Guide

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Introduction

This document is an extract from the CIP-E Installation Guide. This Getting Started document will guide you through the creation of the ODBC data source to connect your OrCAD CIS to the common database and library, as well as the client installation

Please refer to the CIP-E Installation Guide on full installation and CIP User's Guide for information on how to use CIP and CIP-E.

Technical Support

If you need to contact EMA with any questions or issues, you may send emails to:

Techsupport@ema-edu.com

Or call the Hotline at: 1-585-334-6001 option 5.

Information you need before proceeding –

Before you proceed, you will need the following information:

- ☐ Server name for the SQL Database Server
- ☐ Server name where the configuration files are
- ☐ Location of the Schematic Symbols and Allegro Libraries

Client Installation – Connecting CIS to CIP

OrCAD Capture CIS users will need to set up an ODBC data source and the Capture.INI file.

Setting up the Client ODBC Data Source

Users on each of the client machines connecting to CIS will need to perform the steps below:

Click on **Start → Control Panel → Administrative Tools → Data Source (ODBC)**.

For users with 64 bit windows operating system, you will need to launch the data source administrator for Windows on Windows 64 bit. You will need to navigate to

`C:\Windows\SysWOW64`

and launch odbcad32.exe.

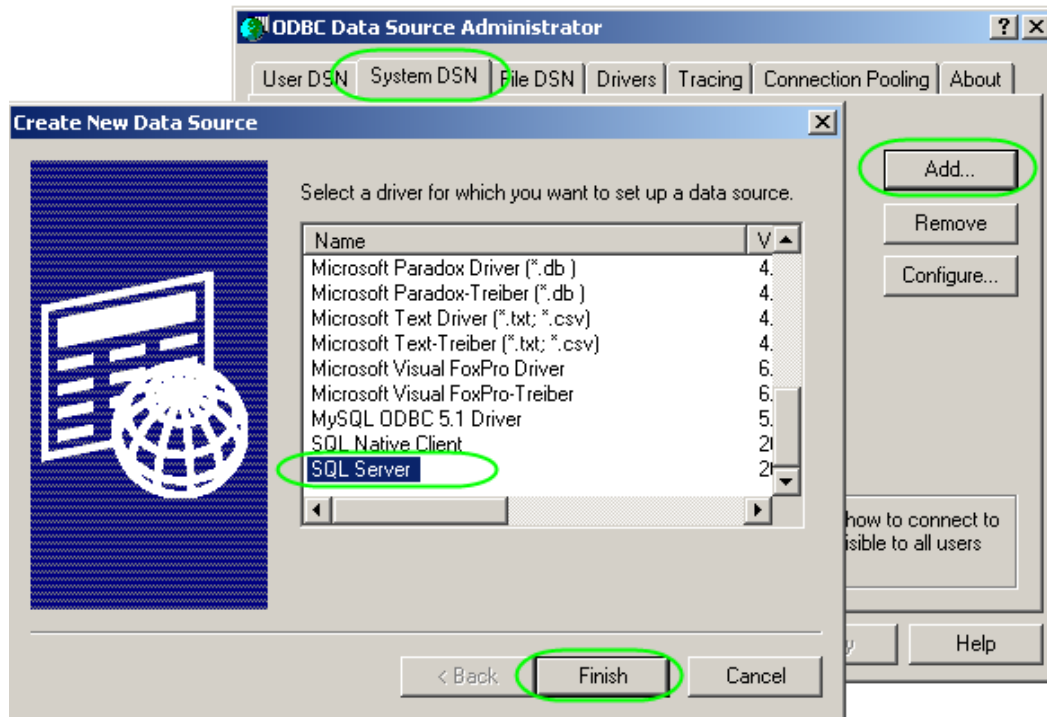


Figure 1: Creating an ODBC Data Source

Click on the System DSN Tab. Click Add. Select SQL Server and click **Finish**.

Enter the Data Source Name: **CIP-E_CIS_DB**

Note: All CIS Users must use the same data source name.

Enter a Description (Optional)

Enter the name of the SQL Server hosting the CIP-E SQL Database.

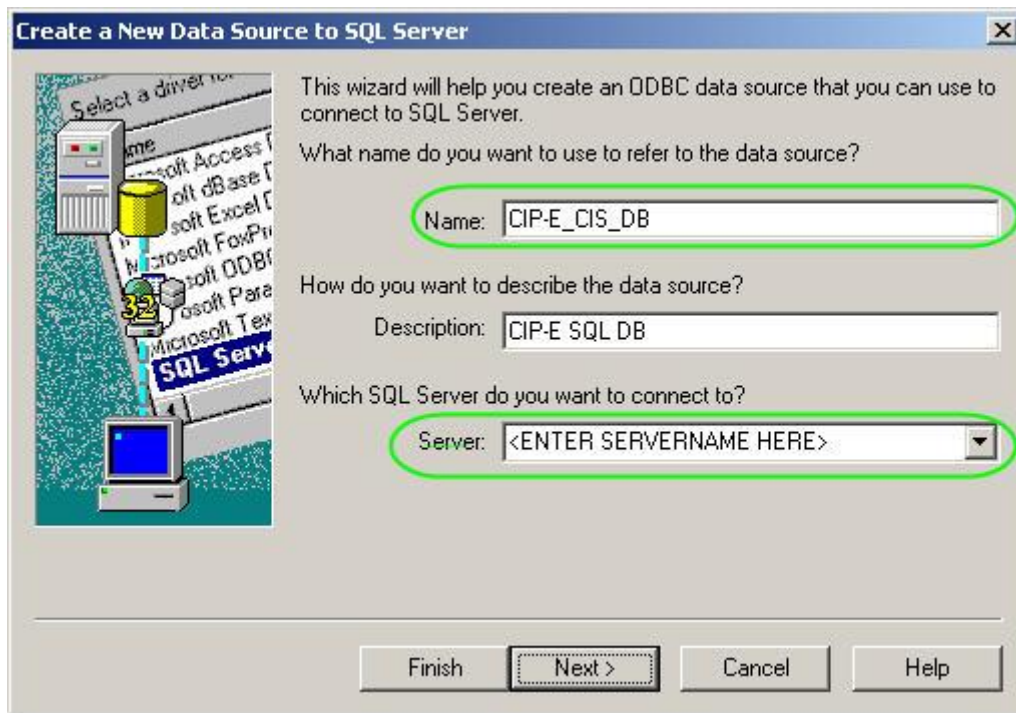


Figure 2: ODBC Name and SQL Server Database Selection

Click Next > to continue.

You will then need to authenticate to the CIP-E SQL database. Select “With SQL Server Authentication...” and enter the username and password shown below. This User Name and Password will be needed to access the CIP-E database from CIS.

Username: CIP_E_CIS_User

Password: Test1234

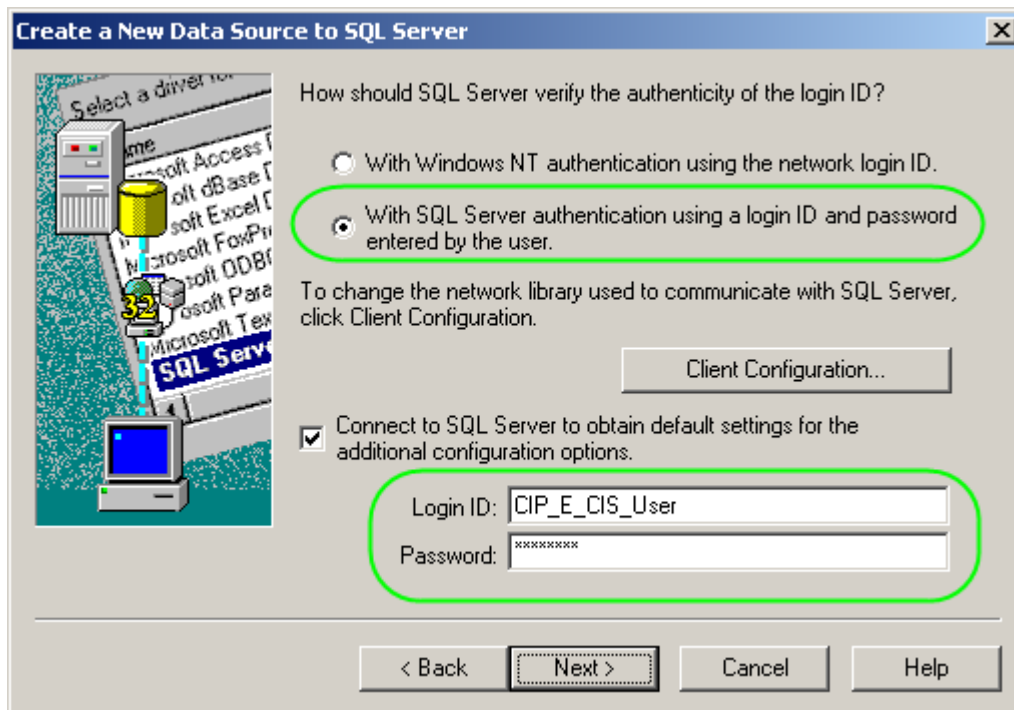


Figure 3: Set Authentication Mode, Login and Password

Click Next > and ensure that the default database is CIP_E.

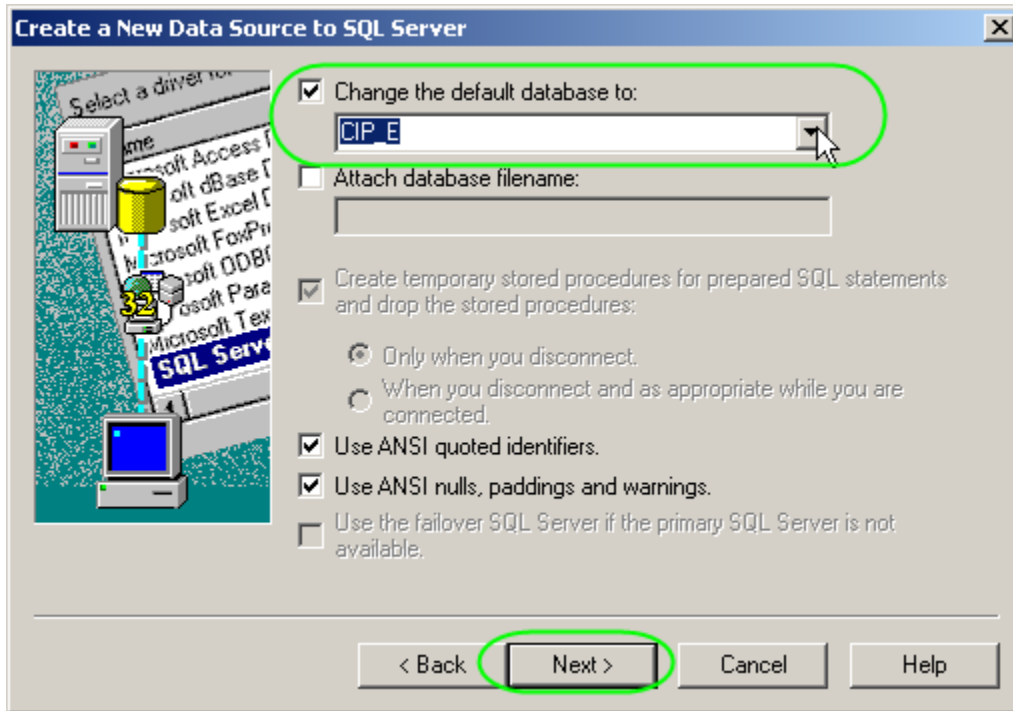


Figure 4: Set Default Database

Click Next, then Click Finish. Click OK. You will now see your new connection in the System DSN tab. Click OK to close the ODBC Data Source Administrator.

Updating **SAMPLE_CAPTURE.INI** file for Users

The SAMPLE_CAPTURE.INI will need to be modified and placed at a location where users will be able to copy lines from to write over corresponding path in his/her own CAPTURE.INI. The highlighted paths in the following example will need to be modified with your UNC path. See highlighted example below.

```
[Part Management]
Configuration File=\\<SERVER NAME>\CIP-E\Configuration_Files\<NAME OF
DBC FILE>
[Footprint Viewer Type]
Type=Allegro
[Allegro Footprints]
Dir0=\\<SERVER NAME>\CIP-E\Allegro_Library\symbols
[Part Library Directories]
Dir0=\\<SERVER NAME>\CIP-E\Schematic_Symbols
```

Updating the CAPTURE.INI file on a local client machine

The users will update their CAPTURE.INI file. First, users should create a backup copy of the CAPTURE.INI file before proceeding. The CAPTURE.INI file is located where Cadence Capture CIS was installed. Next, users will need to open the file, find the following and replace their paths with the ones shown in the SAMPLE_CAPTURE.INI file.

```
[Part Management]

[Footprint Viewer Type]

[Allegro Footprints]

[Part Library Directories]
```

You will need to enter the appropriate filename for the <NAME OF DBC FILE> of the Part Management entry. This will depend on the version of OrCAD Capture CIS you are using. Three comes with CIP-E

- CIP-E V4.2 CIS DB 16.2.DBC
- CIP-E V4.2 CIS DB 16.3.DBC
- CIP-E V4.2 CIS DB 16.5.DBC

```
[Part Management]
Configuration File=\\<SERVER NAME>\CIP-E\Configuration_Files\<NAME OF
DBC FILE>
```

If any of these do not exist, copy the text including the [] and the path to the CAPTURE.INI file. These can be placed anywhere after the line that contains “Version=”. Save the CAPTURE.INI file and launch OrCAD Capture CIS.

The first time that a user brings up the CIS Explorer Window, the password for the CIP_E_CIS_User will be required.

```
Username: CIP_E_CIS_User
Password: Test1234
```

After typing in the password, the user will be able to bring up parts that are in the common CIP-E database.