

Configuring EPI Badging 4K ODBC Connection on a 64 bit computer

DATE: 24 FEBRUARY 2020

REVISION: A

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OVERVIEW

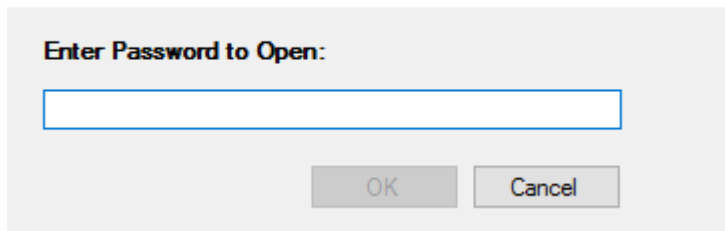
This document provides an overview of configuring the EPI Badging 4K ODBC Connection on a 64 bit operating system. During the enabling of EPI Badging4K software in System Settings, this ODBC connection should be created by default. If it is not, or its is deleted accidentally, you must manually re-create a new ODBC connection as per the steps on the following pages.

VERY IMPORTANT: On a Workstation and HCS installation, the SQL Server name in the DSN connection might not be populated with the correct SQL Server name. If you have issues importing a photo or other EPI issues, go into the DSN ODBC connection and check the configuration and test it. Another option is to delete the existing one and manually create it as per the steps in this document. In addition, please refer to the CA4K Help file and the EPI Troubleshooting video in the Continental Video Library.

Configuring EPI Badging 4K ODBC Connection

- 1) Prior to configuring the ODBC connection, you must determine the CA4K Live Configuration database name. During the configuration of the ODBC Connection, you must select the current Live Configuration database.

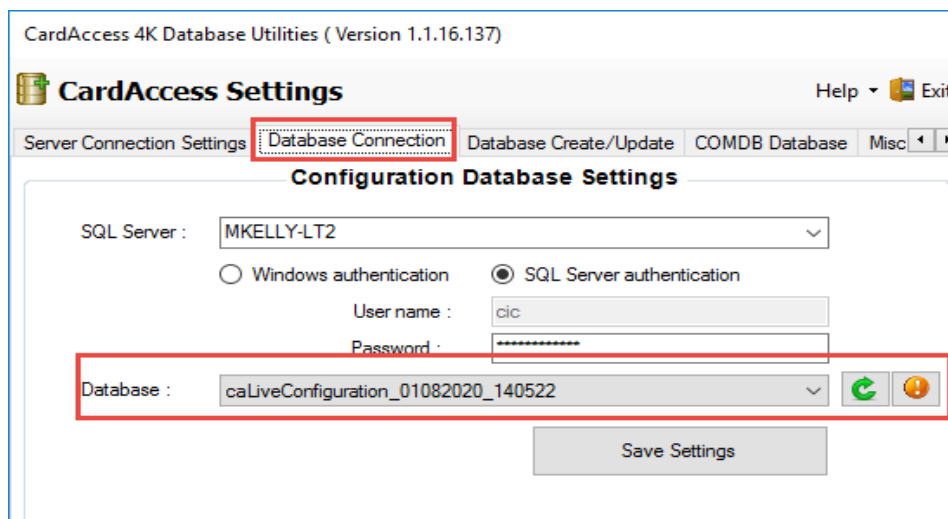
CardAccess4K Database Utilities



A dialog box titled "CardAccess4K Database Utilities" with the prompt "Enter Password to Open:". It features a single-line text input field and two buttons at the bottom: "OK" and "Cancel".

Figure 1.

- 2) Launch the CardAccess4K Database Utility. Type in pr1532 if prompted for the password (refer to figure 1)



The main application window titled "CardAccess 4K Database Utilities (Version 1.1.16.137)". The "Database Connection" tab is selected and highlighted with a red box. The "Configuration Database Settings" section contains the following fields: "SQL Server" (dropdown menu showing "MKELLY-LT2"), "Windows authentication" (radio button), "SQL Server authentication" (radio button, selected), "User name" (text field showing "cic"), "Password" (text field with masked characters), and "Database" (dropdown menu showing "caLiveConfiguration_01082020_140522"). The "Database" field is also highlighted with a red box. To the right of the "Database" field are two icons: a green circular arrow and a yellow warning triangle. A large red arrow points from the right towards these icons. At the bottom is a "Save Settings" button.

Figure 2.

- 3) Upon launching the Database Utility, click the Database Connection tab to determine the Live Configuration database name (refer to figure 2).

Configuring EPI Badging 4K ODBC Connection

Create ODBC DSN name On A 64 bit Computer

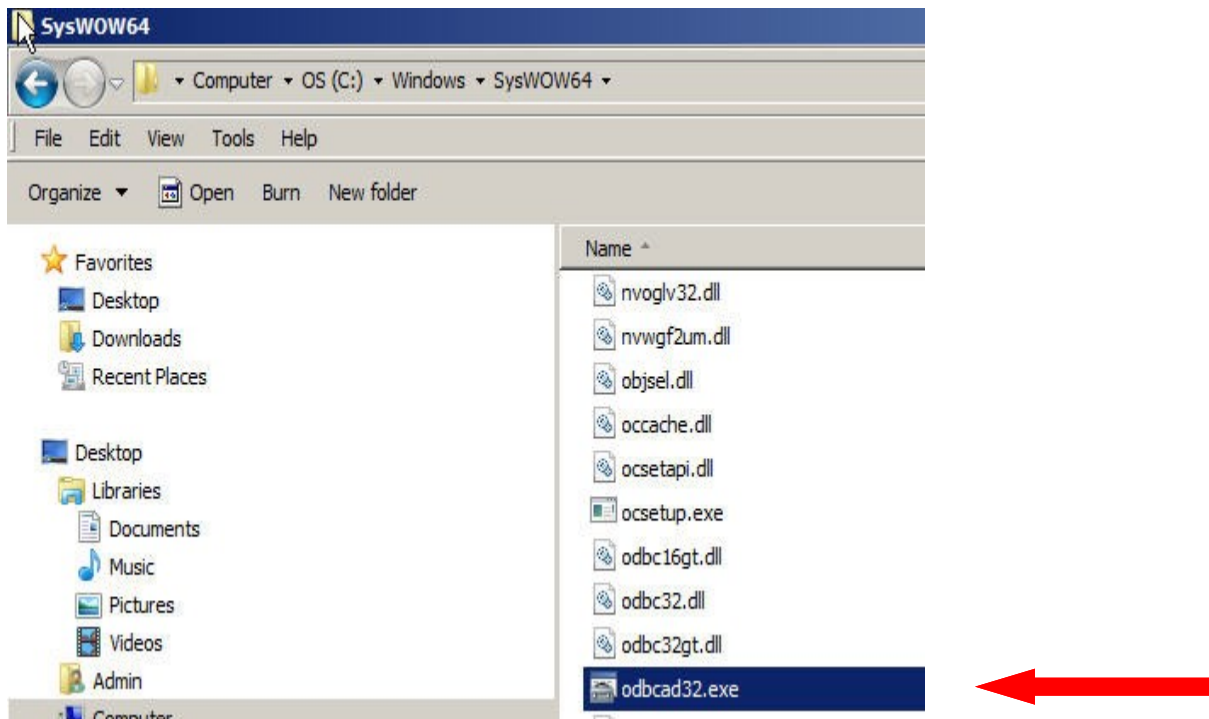


Figure 3.

4) To Create the **ODBC DSN name** on a 64 bit computer, you must use the **odbcad32.exe** in the **SysWow64** folder. Go to "*C:\Windows\SysWOW64* folder. Double click *odbcad32.exe* (refer to figure 3). The ODBC Data Source Administrator screen will display (refer to figure 4).

Note: The ODBC Data Sources (32 bit) under Administrative Tools is the same utility as the odbcad32.exe. You can also launch it from Administrative Tools.

Configuring EPI Badging 4K ODBC Connection

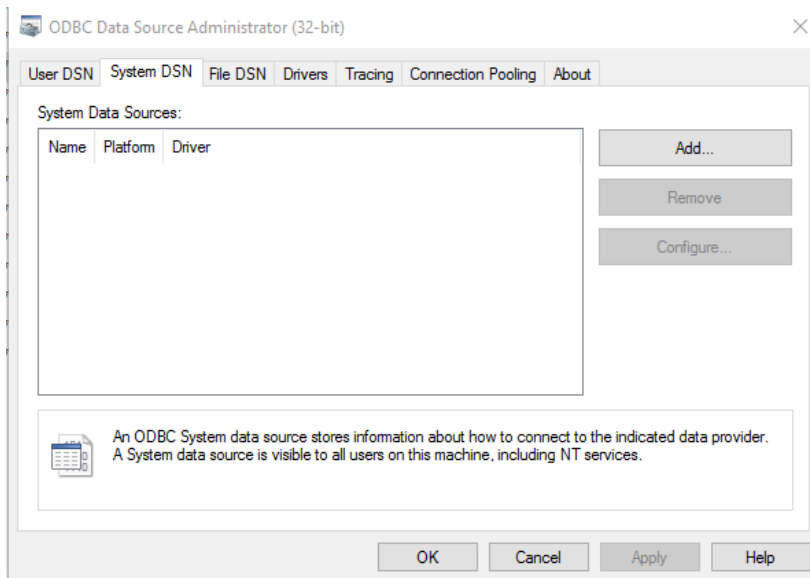


Figure 4.

5) Click the “**System DSN**” tab and click “**Add**” to create a new DSN name (refer to figure 4).

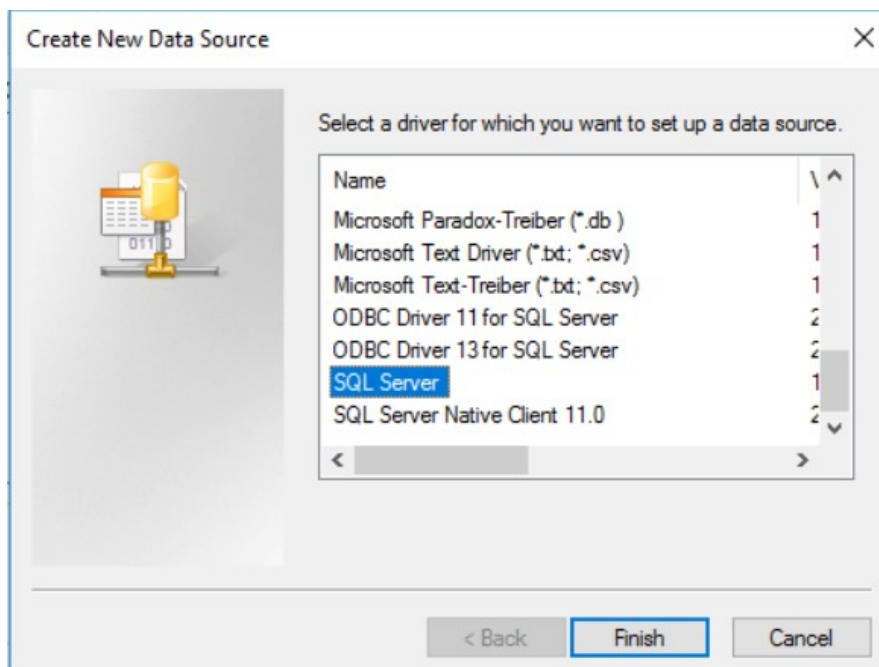
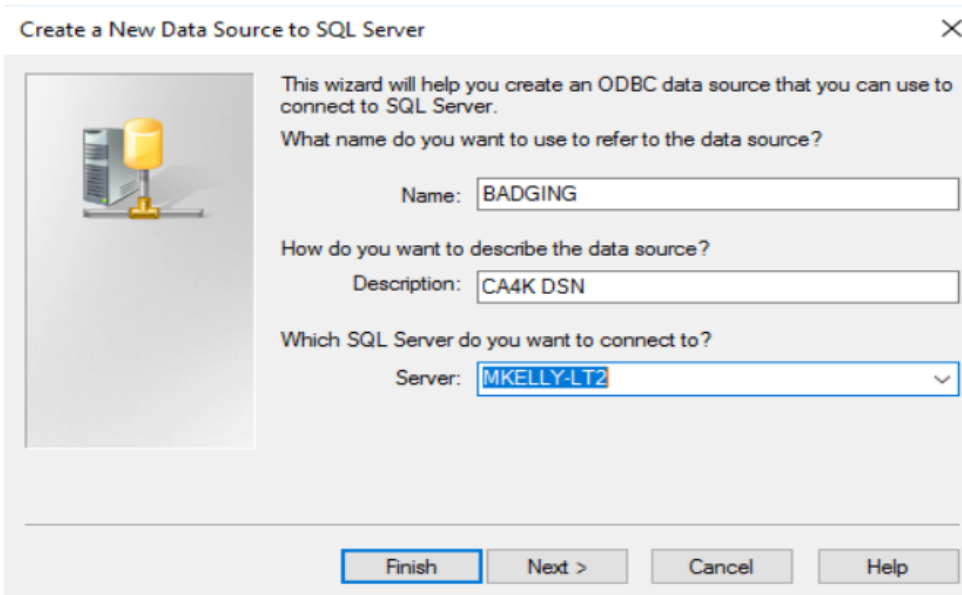


Figure 5.

6) The **Create New Data Source** screen displays with a list of drivers. Select “**SQL Server**” driver and click “**Finish**” (refer to figure 5).

Configuring EPI Badging 4K ODBC Connection



Create a New Data Source to SQL Server

This wizard will help you create an ODBC data source that you can use to connect to SQL Server.

What name do you want to use to refer to the data source?

Name:

How do you want to describe the data source?

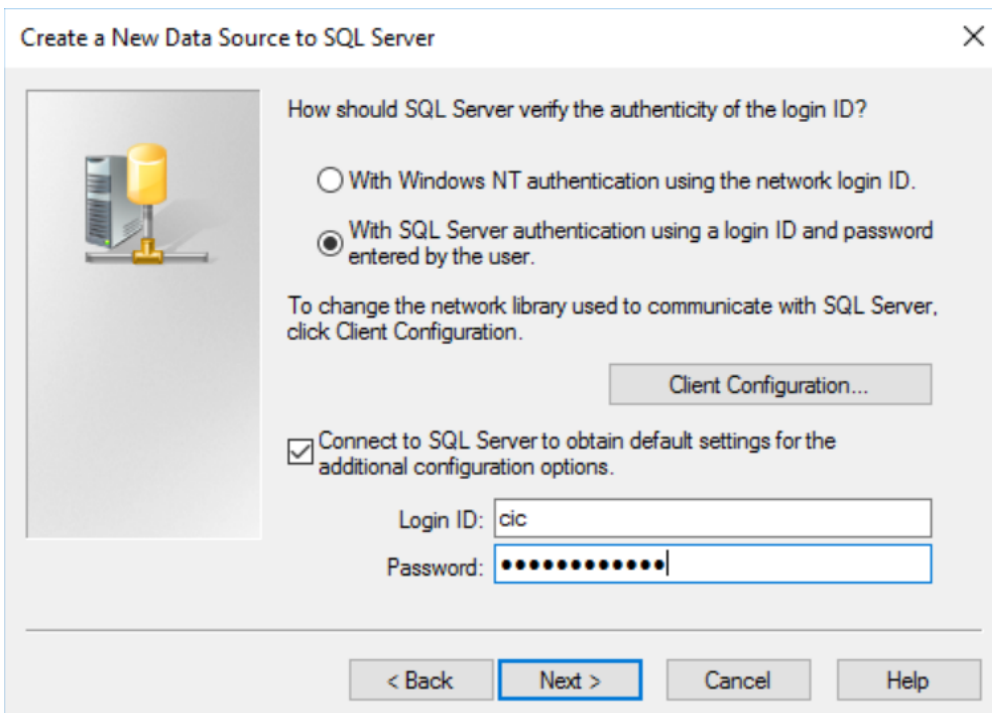
Description:

Which SQL Server do you want to connect to?

Server:

Figure 6.

7) The **Create a New Data Source to SQL Server** screen displays. Enter **Badging** as the DSN Name, **CA4K DSN** for the Description and select the SQL **Server** name where the CA4K Live Configuration database is installed. Click the **“Next”** button (refer to figure 6).



Create a New Data Source to SQL Server

How should SQL Server verify the authenticity of the login ID?

☐ With Windows NT authentication using the network login ID.

☒ With SQL Server authentication using a login ID and password entered by the user.

To change the network library used to communicate with SQL Server, click Client Configuration.

☒ Connect to SQL Server to obtain default settings for the additional configuration options.

Login ID:

Password:

Figure 7.

8) Select **“With SQL Server authentication using a login ID and password entered by user”**. Enter the Login ID **“cic”** and password **“Cic!23456789”**. (This is the default SqlExpress user name and password in CA4K). Leave all other settings at default. Click the **“Next”** button (refer to figure 7).

Configuring EPI Badging 4K ODBC Connection

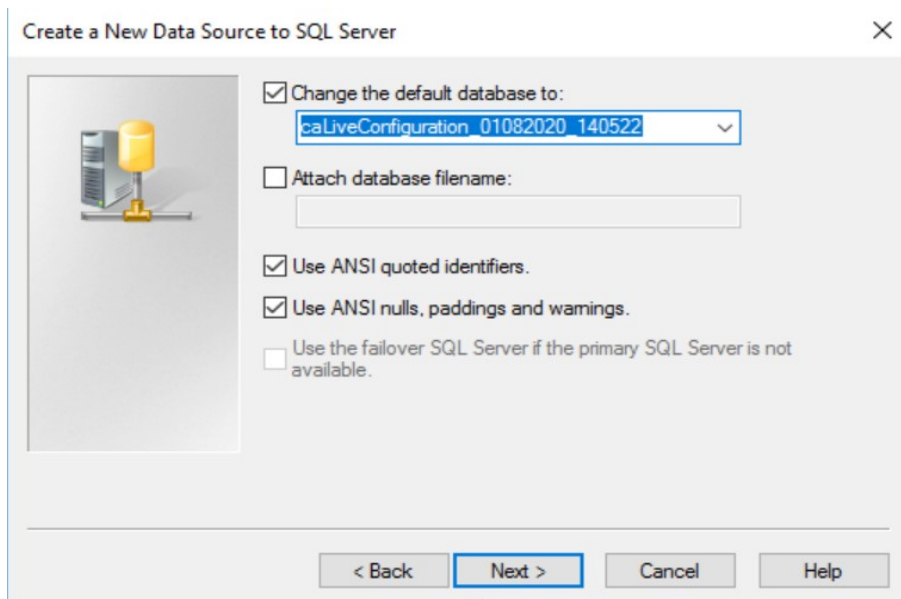


Figure 8.

9) Verify the “**Change the default database to**” is checked and select the CA4K Live Configuration database from the dropdown list. Leave all other settings unchanged (refer to figure 8).

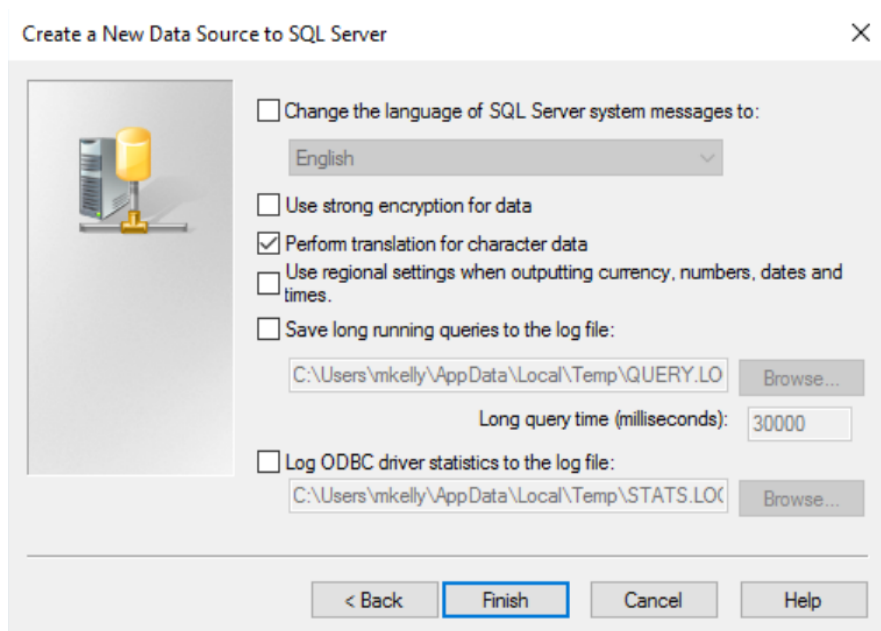


Figure 9.

10) In the final screen, leave all default settings and click “**Finish**” (refer to figure 9).

Configuring EPI Badging 4K ODBC Connection

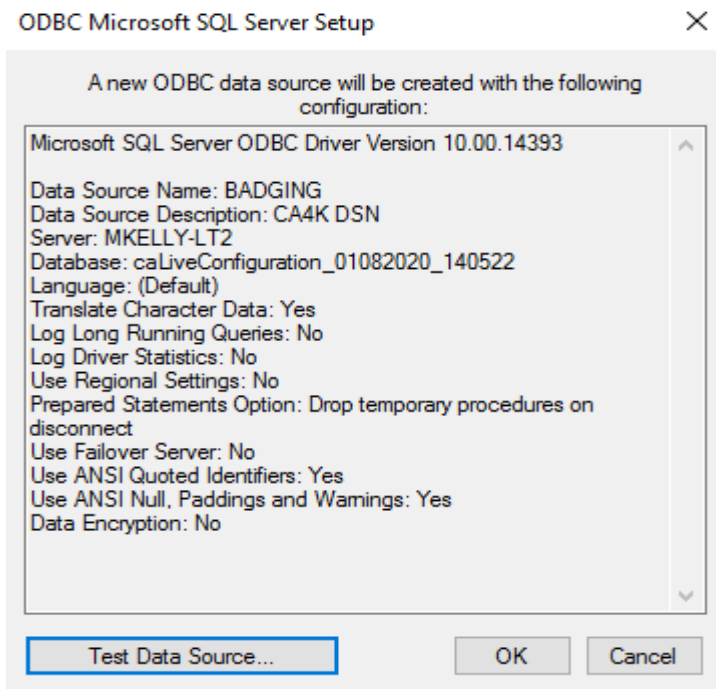


Figure 10.

- 11) The **Test Data Source** screen displays. After reviewing all the configuration data, click the **Test Data Source** button (refer to figure 10).

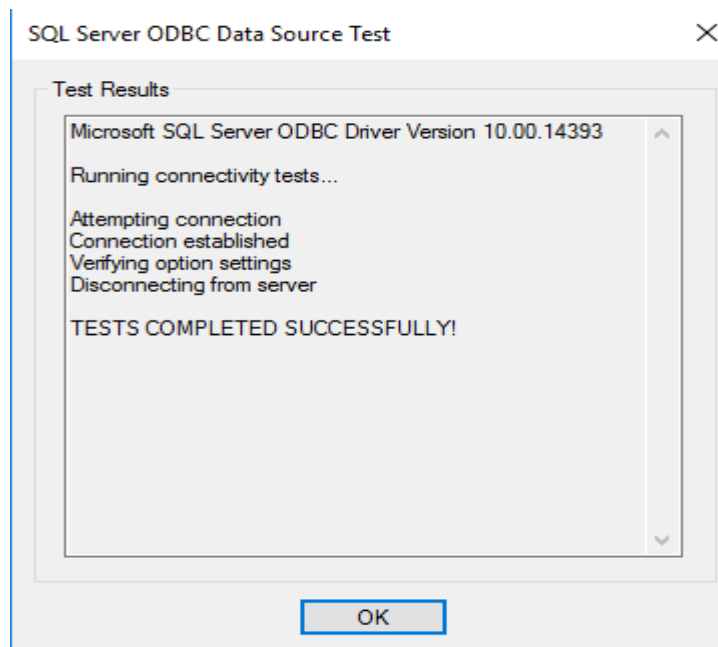


Figure 11.

- 12) Verify the message “**TESTS COMPLETELY SUCCESSFULLY**” displays. If there are any failures, verify all the previous steps are configured properly (refer to figure 11). Click “**OK**”.

Configuring EPI Badging 4K ODBC Connection

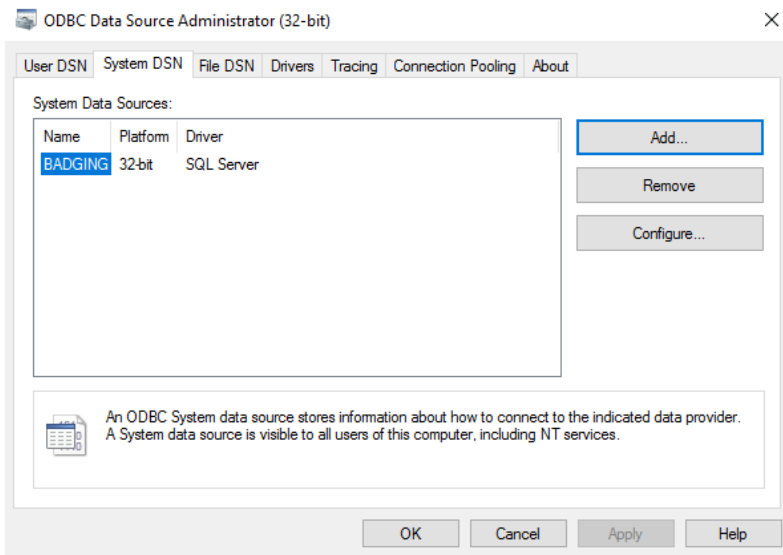


Figure 12.

13) The **ODBC Data Source Administrator** screen should show a **System DSN** name “*Badging*”, **Platform 32-bit** and **Driver SQL Server** (Refer to Figure 12).

Verify settings in the CardAccess4K Database Utilities for EPI Badging on a 64 bit computer

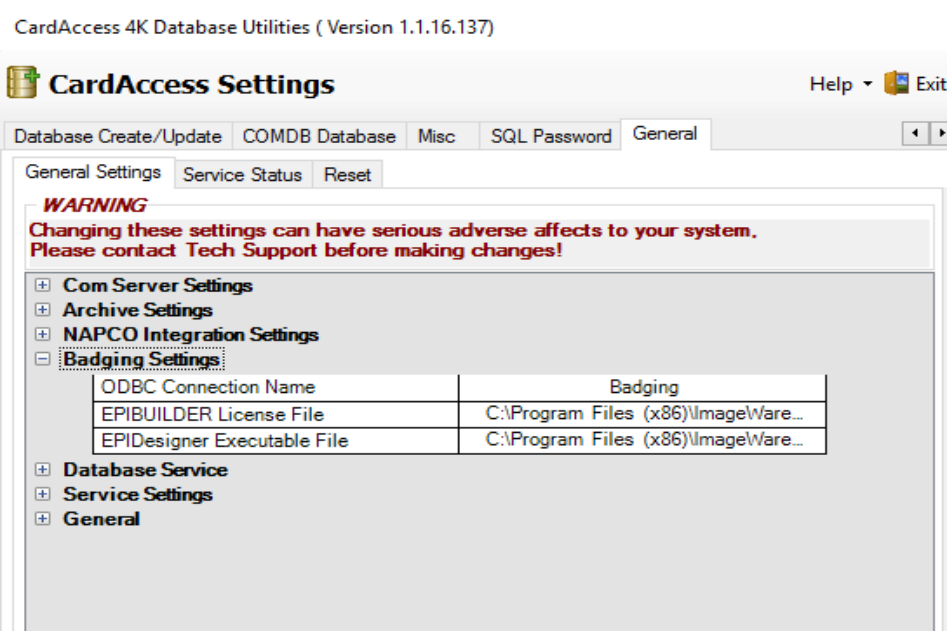


Figure 13.

14) Launch the CA4K Database Utilities. If prompted for a password, type **pr1532**.

15) Click the General tab. The **General Settings** screen will display (refer to figure 13).

16) In the General Settings screen, expand the “**Badging settings**” node and make sure **ODBC Connection Name** is “**Badging**”. If needed, change the folder path for **EPIBUILDER License File** and **EPIDesigner Executable File** from “*C:\Program Files\ImageWare Systems\...*” to “*C:\Program Files (x86)\ImageWare Systems\...*” (refer to figure 13).

VERY IMPORTANT: In almost all cases, these paths will be correct and not have to be modified.

Configuring EPI Badging 4K ODBC Connection

17) Click **“Save Settings.”**

18) Close the “CA4K Database Utility” and launch CA4K software. Now **EPIDesigner functionalities should work on 64 bit windows.**

THE END