

ODBC Data Source for the SQL Server Database

## I. Introduction

IWS provides the ODBC interface to exchange data with databases. This document describes how to configure and test an ODBC data source for the SQL Database.

## II. Configuration

In order to configure the data source for the SQL Server Database, please follow the steps below.

- 1. Open Control Panel -> Administrative Tools -> Data Sources (ODBC).
- 2. In the ODBC Data Source Administrator window, click the Add button.

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3. In the Create New Data Source window, select SQL Server.

Create New Data Source	×
Select a driver for which you want to set up a data source.         Name       Version         Microsoft FoxPro VFP Driver (*       6.00.8167.00         Microsoft ODBC for Oracle       2.573.9030.00         Microsoft Paradox Driver (*.db)       4.00.6019.00         Microsoft Text Driver (*.txt; *.csv)       4.00.6019.00         Microsoft Text Driver (*.txt; *.csv)       4.00.6019.00         Microsoft Visual FoxPro Driver       6.00.8167.00         Microsoft Visual FoxPro Driver       6.00.8167.00         Microsoft Visual FoxPro Driver       6.00.8167.00         Microsoft Visual FoxPro Treiber       0.00.8167.00         Microsoft Visual FoxPro Treiber       0.00.8167.00	
< <u>B</u> ack Finish Cancel	

4. In the *Microsoft SQL Server DSN Configuration* window, enter the data source **Name**, and select the database from the drop-down list in the **Server** field.

Microsoft SQL Server	DSN Configuration 🛛 🔀
Select a driver we me off dBase for soft Excels for base for for for base for for for for for for for for for for	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: IMVDSNSq How do you want to describe the data source? Description: Which SQL Server do you want to connect to? Server: (INDUSOFT-ICSK4E
	Finish <u>N</u> ext > Cancel Help



5. Select the method for verifying the authenticity of the login ID.

**Note:** The configuration in the SQL Server Database must correspond to the one you enter here. For example, you must use the same Login ID for both. On the Database properties -> Security tab, select the same authentication method.

Microsoft SQL Server	DSN Configuration	K
Select a diriver in me off Access f off dBase f off dB	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.         Client Configuration.         Client Configuration.         Client Configuration options.         Login ID:         Lidiane         Password:	
	< <u>B</u> ack <u>N</u> ext > Cancel Help	]

6. Keep the default settings, and click the **Next** button.

Microsoft SQL Server DSN Configuration
Select a diwer for The change the default database to: The change the database to: The change the database to: The cha
Create temporary stored procedures for prepared SQL statements and drop the stored procedures:
✓ Use ANSI quoted identifiers. ✓ Use ANSI nulls, paddings and warnings.
Use the failover SQL Server if the primary SQL Server is not available.
< <u>B</u> ack <u>N</u> ext > Cancel Help



7. Keep the default settings, and click the **Finish** button.

Microsoft SQL Server I	OSN Configuration	X
Select a driver with me off dB ase off Excels With ODBR South Pare South Pare Microsoft Terr South Pare	<ul> <li>Change the language of SQL Server system messages to:</li> <li>English</li> <li>Use strong encryption for data</li> <li>Perform translation for character data</li> <li>Use regional settings when outputting currency, numbers, dates a times.</li> <li>Save long running queries to the log file:</li> <li>C:\QUERY.LOG</li> <li>Browse.</li> <li>Log QDBC driver statistics to the log file:</li> <li>C:\STATS.LOG</li> </ul>	nd
	< <u>B</u> ack Finish Cancel Help	

8. Click the Test Data Source button.

ODBC Microsoft SQL Server Setup	×
A new ODBC data source will be created with the following configuration:	
Microsoft SQL Server ODBC Driver Version 03.81.9030 Data Source Name: MyDSNSql Data Source Description: Server: INDUSOFT-ICSK4E Database: (Default) Language: (Default) Translate Character Data: Yes Log Long Running Queries: No Log Driver Statistics: No Use Integrated Security: No Use Integrated Security: No Use Regional Settings: No Prepared Statements Option: Drop temporary procedures on disconnect Use Failover Server: No Use ANSI Quoted Identifiers: Yes Use ANSI Quoted Identifiers: Yes Data Encryption: No	
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SQL Server ODBC Data Source Test	
Test Results	
Microsoft SQL Server ODBC Driver Version 03.81.9030	
Running connectivity tests	
Attempting connection	
Verifying option settings	
Disconnecting from server	
TESTS COMPLETED SOCCESSFULLY!	
(OK)	

If the test was successful, you will receive the TESTS COMPLETED SUCCESSFULLY message and be able to communicate with IWS without any issues.

## III. Map of Revisions

Revision	Author	Date	Comments
А	Lidiane Amorim	Oct/18/2004	Initial revision