

Description: Guide to unpack projects that logs data to SQL databases

OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7

General Requirement: installation of MS SQL or MSDE on the machine where you want to unpack the project.

Introduction

When ProjectWorX32 unpacks a project, the unpacking engine typically recreates all related DSN (Data Source Names) and logging databases for the Alarm and Trend Loggers on the fly. With newer version of Genesis32, it should be able to create both MS Access database configuration and also SQL Server (via Wizard). However in some cases, the user will have to create the SQL/MSDE database manually.

This document will walk you through the steps of setting up your logging database after you have unpacked your project. We assume that you already have a packed project containing a TrendWorX32 or AlarmWorX32 configuration logging to a SQL/MSDE database. You have already packed the project on a source PC (the PC on which the project originated). You are trying to unpack your project on the target PC, which has GENESIS32 and SQL Server/MSDE installed.

Adding Logging Databases

1. Unpack your project and make the project active.
2. Browse to your configuration database, right-click on it and select **Make Configuration Active**.
3. Double-Click on the configuration database to open it.
4. Go to the database group and check for the DSN name (ODBC Data Source). Make a note of the DSN name and close the window.

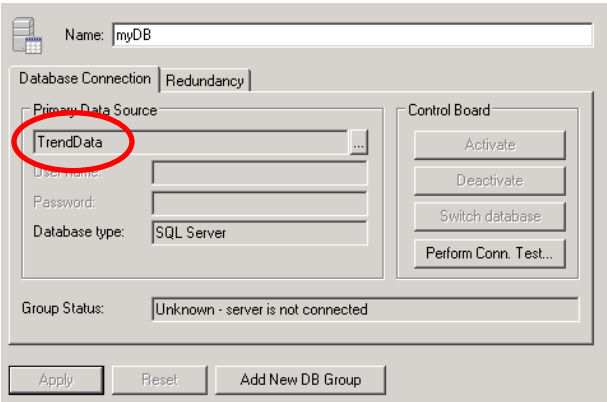


Figure 1 - Database Group Data Source

5. Launch Data Sources (ODBC) from **Start → Settings → Control Panel → Administrative Tools → Data Sources (ODBC)**.
6. Select the **System DSN** tab. Notice the ODBC data source listed in your TrendWorX32 configuration has already been created.

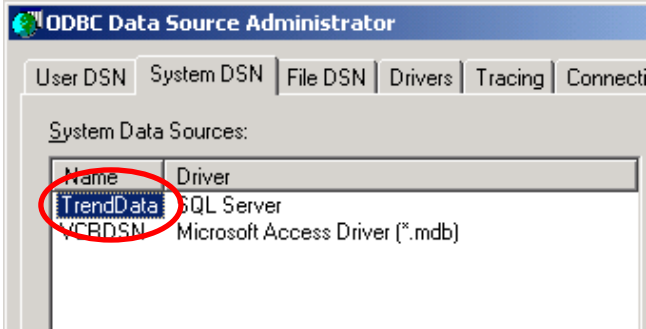


Figure 2 - ODBC Data Source Administrator System DSN

7. Select the data source and click on **Configure...** to edit it.
8. Click on **Next** twice to get to the screen where you would change to which database the data source connects. Note the name of the database.

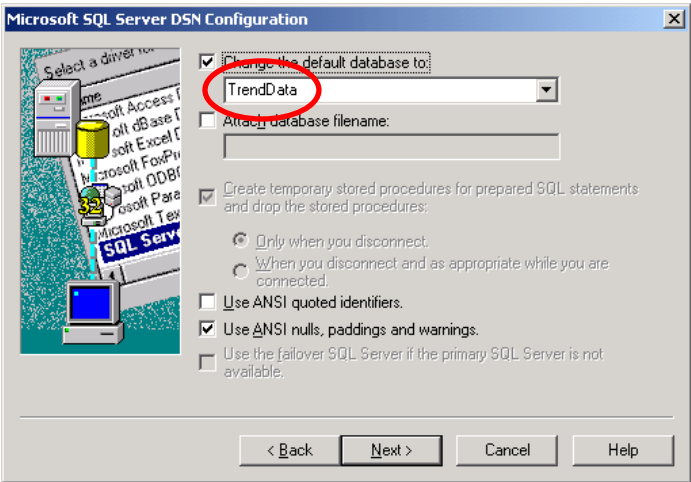


Figure 3 - ODBC Data Source Database Connection

9. Launch the **MSDE Manager** or **SQL Server Management Studio** from **Start → Programs → ICONICS Tools** (or **Start → All Programs → Microsoft SQL Server 2005/2008 for SQL Management Studio**) to create a database of the same name.

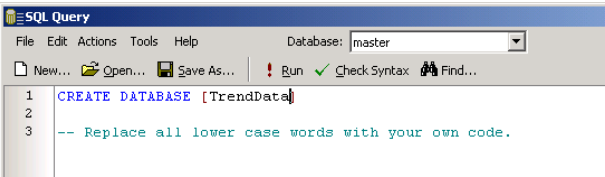


Figure 4 - Creating a Database in MSDE Manager

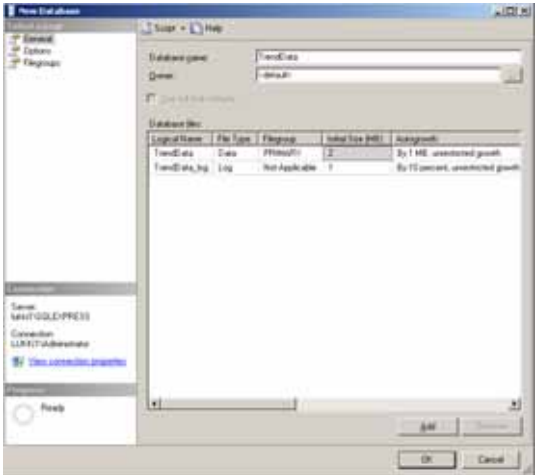


Figure 5 - Creating a Database in SQL Server

NOTE: For more information on how to create a database using the MSDE Manager, please refer to the application note entitled *MSDE Manager – Using the MSDE Manager*.