

Decision Support Software (DSS)
2018.1

March 14, 2018

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Introduction

Decision Support Software (DSS) offers users a powerful means to analyze data in a variety of ways using the functionality of Microsoft® Excel® to access groupings of information, or cubes, and “slicing and dicing” that information in various ways to answer specific questions about organizational and community trends. This document outlines all the information necessary to understand the basics of what comprises Decision Support and the ways in which the software can benefit an organization in analyzing critical data to answer questions ranging from personnel assessments to community trends. It offers examples as to how the data can be manipulated, or pivoted, to answer critical departmental and community questions.

This document outlines the procedures necessary to create the *Decision Support* Data Mart and install *Decision Support* on your system. It assumes all components of Decision Support will be installed on a single server. This server can be the same server as the database server or a separate server altogether.



NOTE:

*For a complete list of prerequisites, refer to the *Decision Support Software (DSS) System Requirements* document.*

Installing Decision Support

Use the following steps to install *Decision Support*:



NOTE:

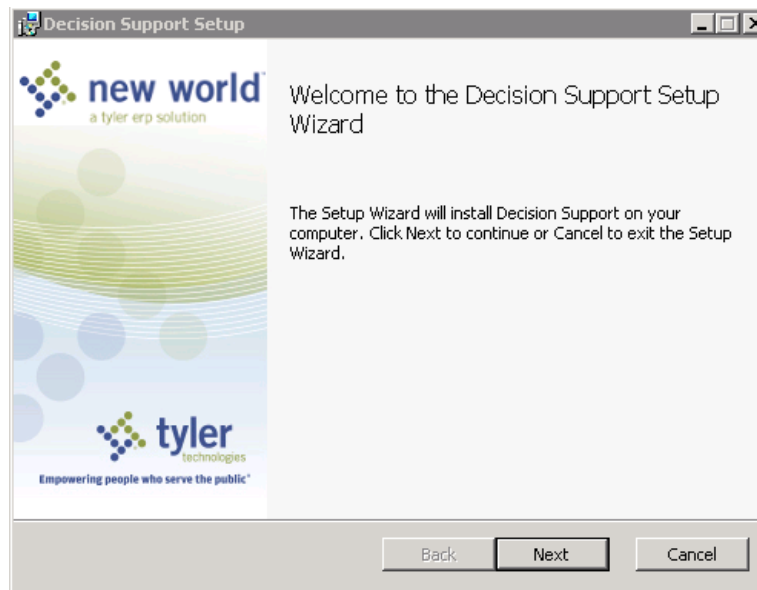
Prior to performing the install, verify that all prerequisites have been installed on the system.



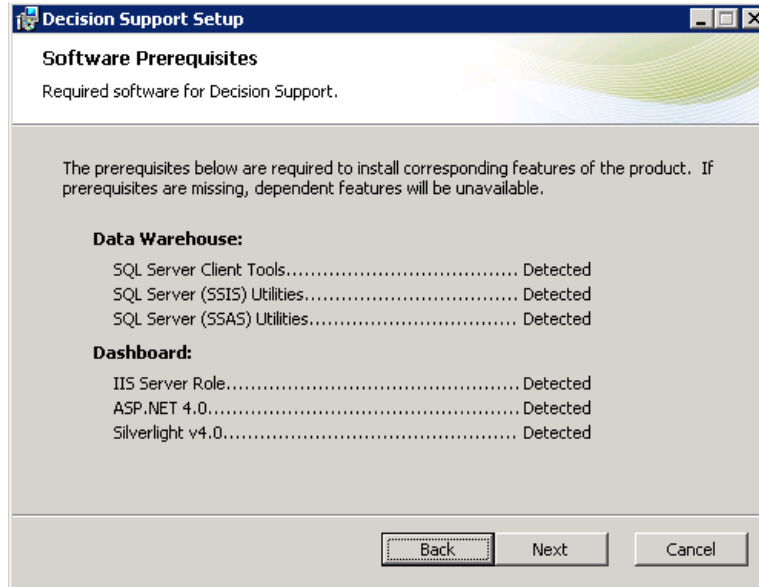
NOTE:

Depending on what components your organization is licensed for, some of the following installation windows may not appear during your installation. Skip any windows that don't pertain to your installation.

- 1 Double-click on **NewWorld.DecisionSupport.msi** from your desktop.
- 2 The *Welcome to the Decision Support Setup Wizard* window appears. Click **Next**.



- 3 The *Software Prerequisites* window appears listing if all required prerequisites are present on the system. Any missing prerequisites will be noted as Missing. It is recommended that Administrators install the missing prerequisites and restart the *Decision Support* install.



If all prerequisites are detected, click **Next**.

NOTE:

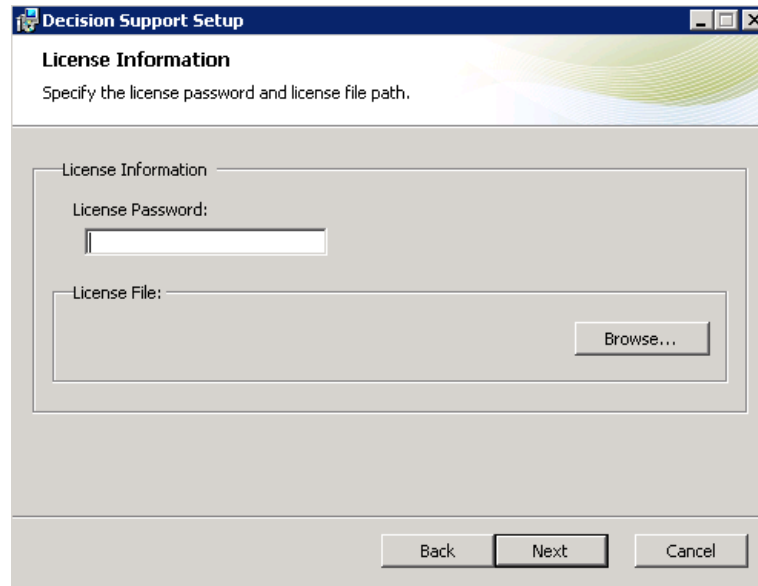
If prerequisites are not met, the installer will not prevent you from advancing, but features dependent on the missing prerequisites will not be installed.

- 4 The *License Information* window appears. The features that will be installed are dependent on your organization specific Decision Support license key. This key and the associated password are provided to you by support.

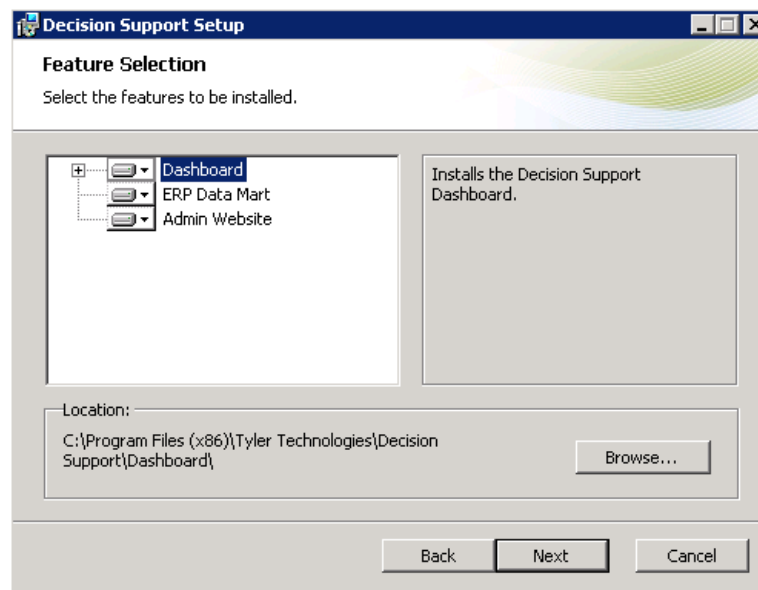
NOTE:

This license key is specific to Decision Support and is not the same as your new world ERP license key.

- 5 Enter the **License Password** and **Browse** to the location of the license file. When finished, click **Next**.



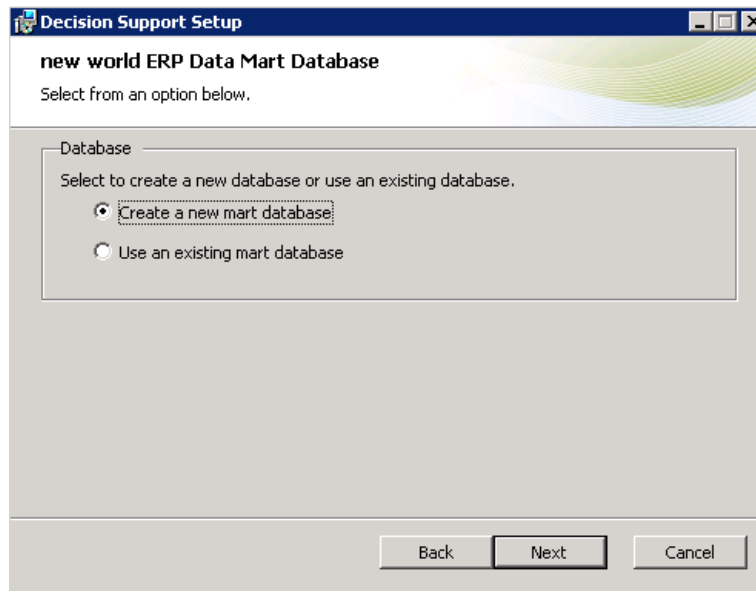
- 6 The *Feature Selection* window appears, prompting you to configure the listed features for which your organization is licensed. Click on each feature to configure them and click **Next** when finished.



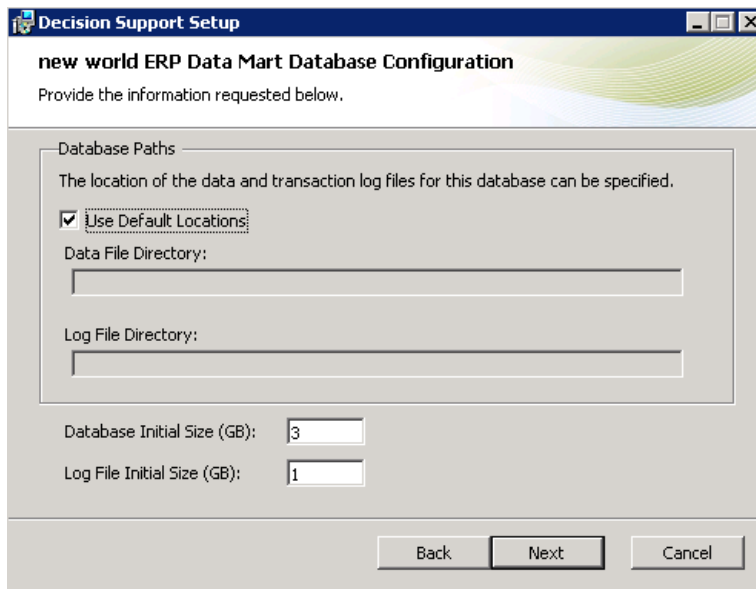
NOTE:

Only those features for which your organization is licensed will appear.

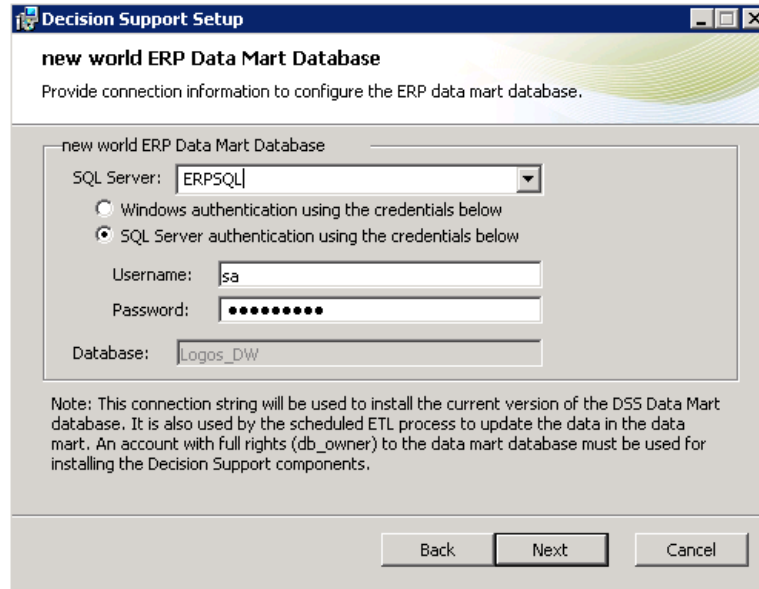
- 7 The *new world ERP Data Mart Database* window appears prompting you to select whether to create a new database or use an existing one. When finished, click **Next**.



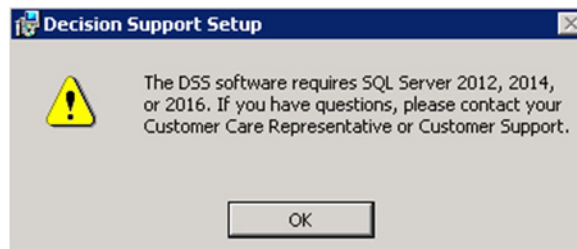
- 8 The *new world ERP Data Mart Database Configuration* window appears prompting you to specify the location of the data and transaction log files for this database. When finished, click **Next**.



- 9 The *new world ERP Data Mart Database* window appears prompting you to provide connection information for configuring the new world ERP data mart database. Select the **SQL Server** and data mart database connection information, which can be Windows or SQL authentication. When finished, click **Next**.

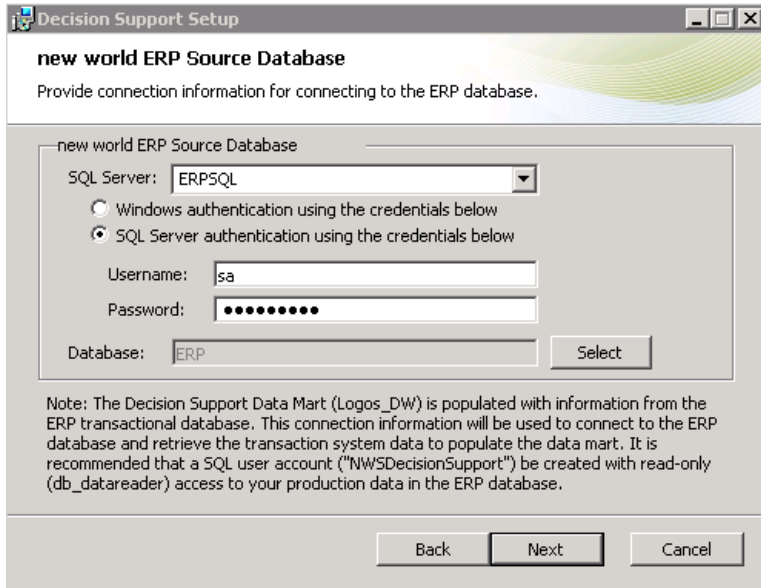
**NOTE:**

DSS releases in 2018 will require SQL Server 2012, 2014 or 2016. Customers running SQL 2008/2008 R2 will encounter the dialog below:



- 10** The *new world ERP Source Database* window appears prompting you to provide connection information for reading the *new world ERP* database. Select the **SQL**

Server and, if necessary, the **Database**. Enter the **SQL Username** and **SQL Password**. When finished, click **Next**.



The image shows a Windows-style dialog box titled "Decision Support Setup". Inside, the section "new world ERP Source Database" is active, with the instruction "Provide connection information for connecting to the ERP database." Below this, there's a sub-section "new world ERP Source Database" containing a "SQL Server:" dropdown menu set to "ERPSQL". Two radio buttons are present: "Windows authentication using the credentials below" (unselected) and "SQL Server authentication using the credentials below" (selected). Under the selected option, there are text boxes for "Username:" (containing "sa") and "Password:" (masked with dots). A "Database:" text box contains "ERP", and a "Select" button is to its right. A note at the bottom explains that the Decision Support Data Mart (Logos_DW) is populated from the ERP transactional database and recommends a read-only SQL user account. At the very bottom are "Back", "Next", and "Cancel" buttons.

 NOTE:

Clicking the **Select** button opens up a dialog window allowing you to select a database.

**NOTE:**

The following Installation Setup Wizard windows reflect dashboard features for which your organization may not be licensed. If your organization is not licensed for any of the dashboard features, the following dashboard-related Installation Setup Wizard windows will not appear in your Installation Setup Wizard. Skip the steps that don't apply to your particular installation.

- 11 The *Dashboard Application Configuration* window appears prompting you to provide information to configure the dashboard web application, if licensed for your organization. Enter the Application Credentials **Account** and **Password** information. Also, enter the **Server** on which *Enterprise Security* is installed. When finished, click **Next**.



Decision Support Setup

Dashboard Application Configuration

Provide information to configure the dashboard web application.

Dashboard Web Application Credentials

Enter the user account (domain\username) and password to be used to run the dashboard web application.

Account: ERPAPP\user

Password:

Enterprise Security Server

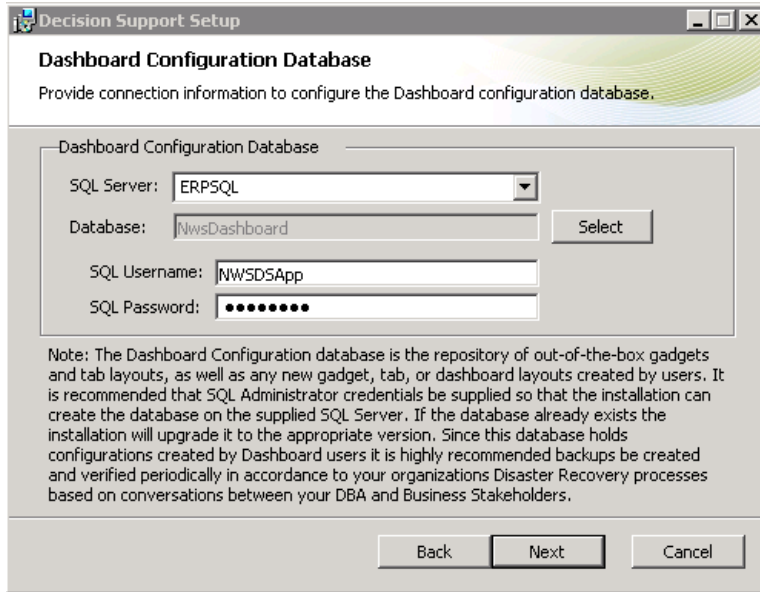
The DSS Dashboard uses an Enterprise Security service (separate install) that some other components of new world also utilize, such as CAD Enterprise. Please enter the server where the Enterprise Security service is installed.

Server: ERPSQL

Back Next Cancel

- 12 The *Dashboard Configuration Database* window appears prompting you to provide connection information to configure the Dashboard configuration data-

base. Select the **SQL Server** and, if necessary, the **Database**. Enter the **SQL Username** and **SQL Password**. When finished, click **Next**.



Decision Support Setup

Dashboard Configuration Database

Provide connection information to configure the Dashboard configuration database.

Dashboard Configuration Database

SQL Server:

Database:

SQL Username:

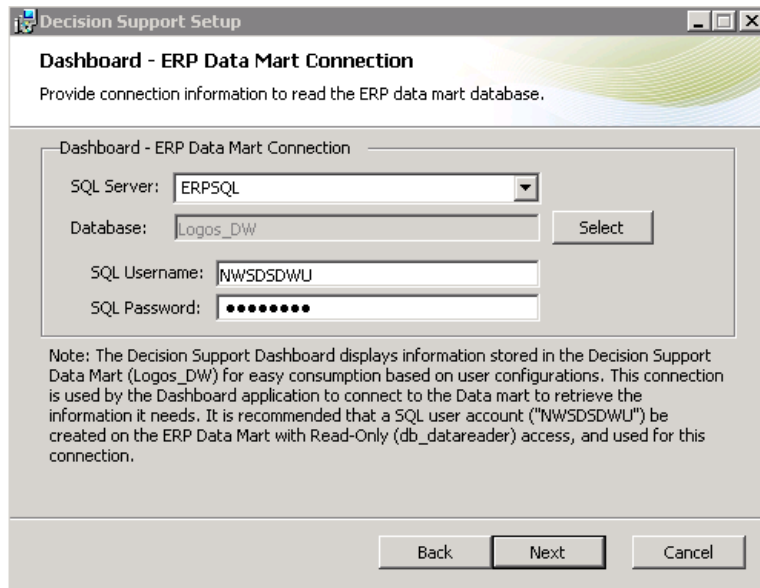
SQL Password:

Note: The Dashboard Configuration database is the repository of out-of-the-box gadgets and tab layouts, as well as any new gadget, tab, or dashboard layouts created by users. It is recommended that SQL Administrator credentials be supplied so that the installation can create the database on the supplied SQL Server. If the database already exists the installation will upgrade it to the appropriate version. Since this database holds configurations created by Dashboard users it is highly recommended backups be created and verified periodically in accordance to your organizations Disaster Recovery processes based on conversations between your DBA and Business Stakeholders.

NOTE:

Clicking the **Select** button opens up a dialog window allowing you to select a database.

- 13 The *Dashboard - ERP Data Mart Connection* window appears prompting you to provide connection information for reading the *new world ERP* data mart database, if licensed for your organization. Select the **SQL Server** and, if necessary, the **Database**. Enter the **SQL Username** and **SQL Password**. When finished, click **Next**.



Decision Support Setup

Dashboard - ERP Data Mart Connection

Provide connection information to read the ERP data mart database.

Dashboard - ERP Data Mart Connection

SQL Server:

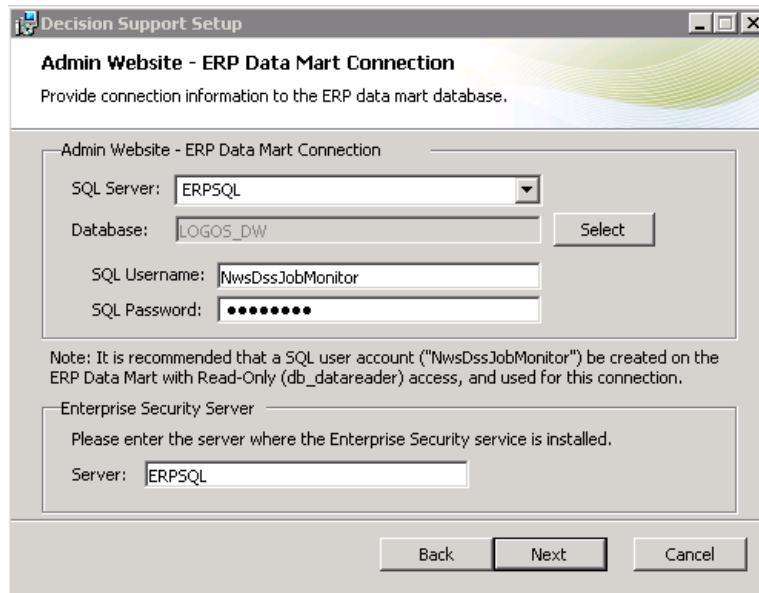
Database:

SQL Username:

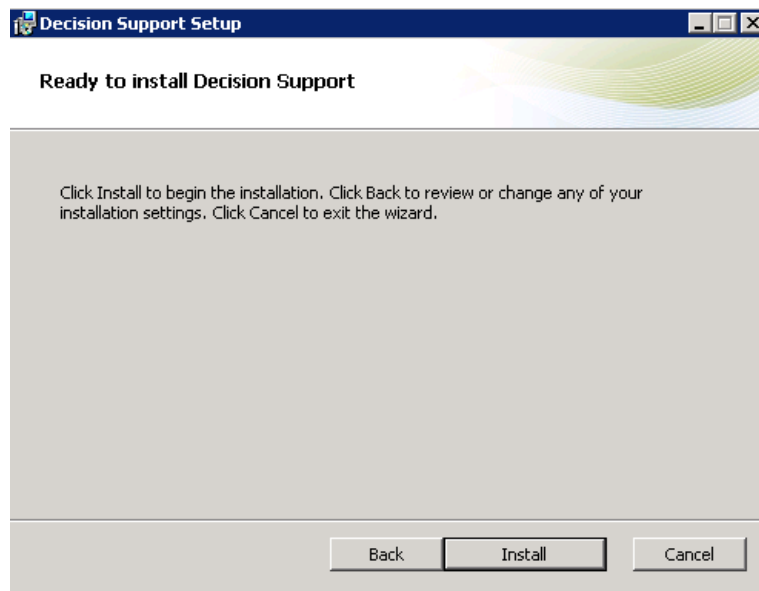
SQL Password:

Note: The Decision Support Dashboard displays information stored in the Decision Support Data Mart (Logos_DW) for easy consumption based on user configurations. This connection is used by the Dashboard application to connect to the Data mart to retrieve the information it needs. It is recommended that a SQL user account ("NWSDSDWU") be created on the ERP Data Mart with Read-Only (db_datareader) access, and used for this connection.

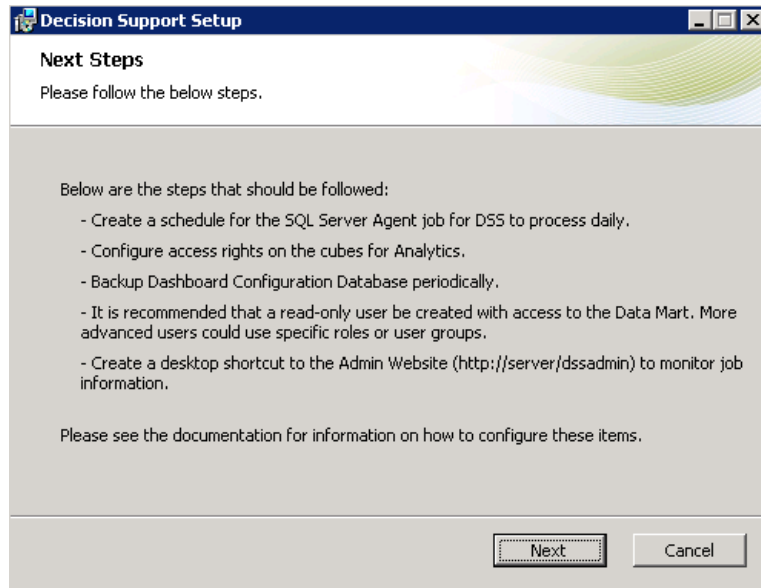
- 14 The *Admin Website - ERP Data Mart Connection* window appears. The user is created by default during the install. By default, the password is: P@ssw0rd.



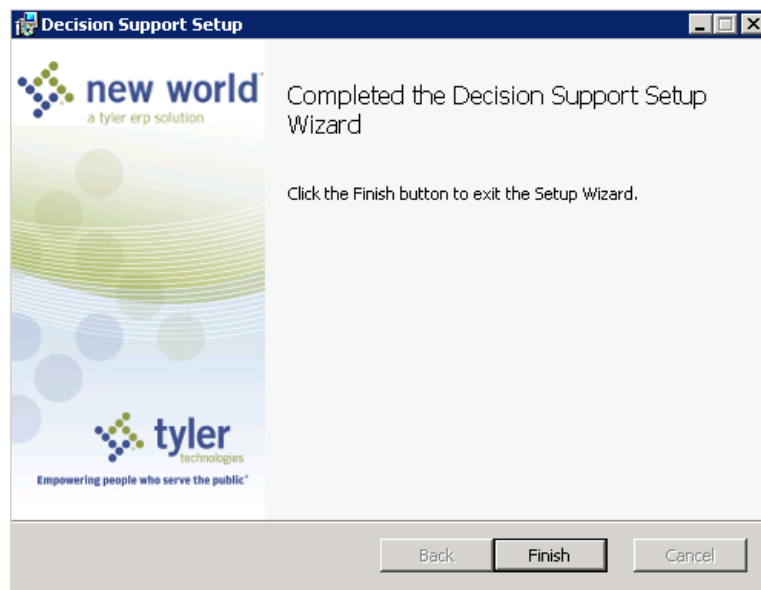
- 15 The *Ready to Install Decision Support* window appears. Click the **Install** button to start installation of the *Decision Support Software (DSS)*.



- 16 Once the installation is complete, a *Next Steps* window appears alerting users to the next steps that need to be taken in order to run the *Decision Support Software (DSS)*. Refer to "Installing Decision Support" on page 2 for more information on completing these additional steps. Click **Next**.



- 17 Once complete, the *Completed the Decision Support Setup Wizard* window appears.



- 18 Click **Finish** to exit the installation wizard. If there were any errors encountered during the install click the **Show Errors** button to view them.