



## Millennium Expert/Enterprise

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### Technical Bulletin

#### Title: Configuring SQL Server for SQL Authentication

#### Contents:

In some cases, it is beneficial to use SQL Server Authentication as opposed to Windows Authentication. This document explains how to enable SQL Server Authentication on the SQL instance and create a SQL Server login. This assumes that SQL Server and Millennium are already installed on the server.

#### Procedure:

1. From the **Start Menu**, open **SQL Server Management Studio**
2. The **Connect to Server** dialog box will appear. Click **Connect** to login to the SQL server instance.
3. In the left pane, right-click on the SQL instance and select **Properties**. The SQL Instance is the one with the  next to it.
4. The **Server Properties** screen will be displayed. In the left pane, click on **Security**.
5. Under **Server authentication**, ensure that **SQL Server and Windows Authentication mode** is selected. Click **OK**.
6. SQL Server may display a prompt indicating **Some of your configuration changes will not take effect until SQL server is restarted**. Click **OK**.
7. If Millennium is currently running on the server, shut it down.
8. In the left pane, right-click on the SQL instance and select **Restart**. When prompted **Are you sure you want to restart?**, click **Yes**. The SQL Server service will restart.
9. In the left pane, expand **Security**.
10. Right-click on **Logins** and select **New Login**.
11. Create a new Login:
  - Ensure that **SQL Server authentication** is selected.
  - Enter a **Login name**.
  - Deselect **Enforce password policy**, **Enforce password expiration** and **User must change password at next login**.
  - Enter a password in the **Password** and **Confirm Password** fields.
  - In the left pane, click **Server Roles**. Ensure that the **sysadmin** checkbox is enabled.
  - In the left pane, click **User Mapping**.
  - In the **Users mapped to this login:** box, ensure that the checkboxes are enabled next to the 4 Millennium databases; **MillArchiveModel**, **MillCfg**, **MillHist**, **MillPlus**.
  - Click on each database to select it and ensure that the **db\_owner** and **public** checkboxes are enabled for each database.

12. Click **OK** to save the new SQL Server login.