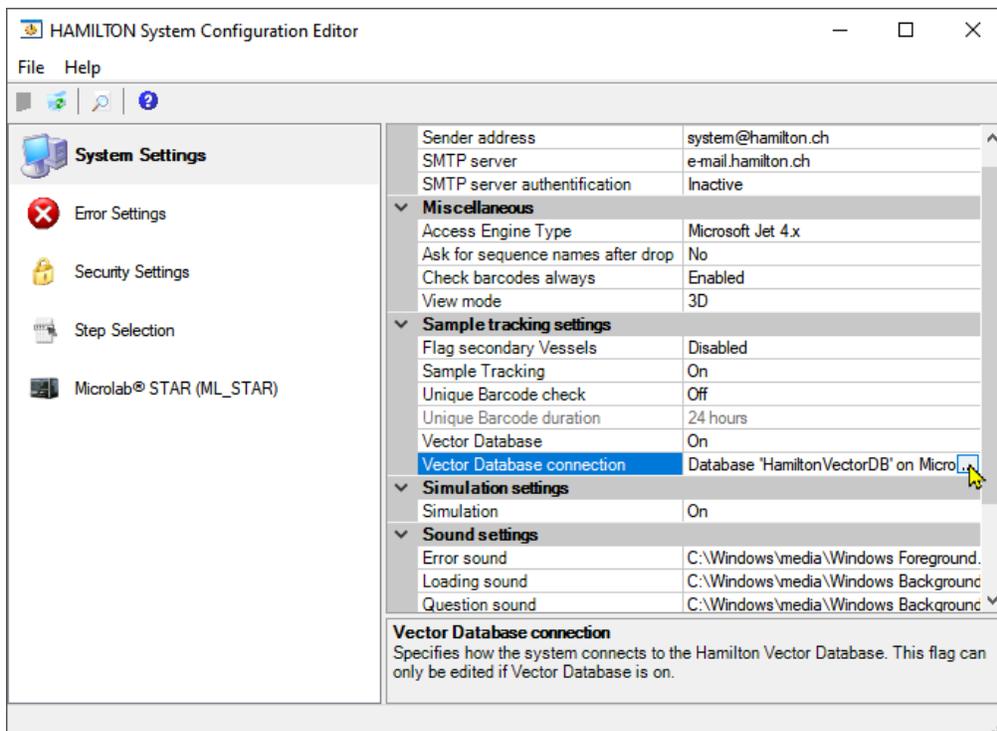


Overview

This guide will assist the user in preparing VENUS's SQL database as a local Administrator. If a login with credentials is required or the below steps do not resolve the issue, please refer to the SQL Server Database Manual Installation Guide.

How to Prepare the Vector Database

- 1) Open Method Editor and run the System Configuration Editor from the Tools drop-down
- 2) Accessing the DB connection
 - a) Select **System Settings** from the options on the left
 - b) Under the **Sample Tracking settings**, select the "..." for the **Vector Database connection** entry



3) Vector Database Connection Settings: Trusted

- a) Local Admin login (recommended)
- b) To be used when there is a single user login to the Hamilton PC
- c) This will connect the database to the current Windows user (**only**)
- d) Perform the following steps:
 - Server: LOCALHOST\HAMILTON
 - Database: HamiltonVectorDB
 - Trusted Connection: Yes
 - Username: Can be left blank
 - Password: Can be left blank
- e) Once the connection settings are established, select "Prepare Server"
- f) Refer to the VENUS Programmer's Manual and the SQL Server Database Manual Installation Guide for additional connection settings.

The screenshot shows the 'Vector Database Connection Settings' dialog box. It is divided into several sections: 'Database Server Type' with radio buttons for 'Microsoft SQL' (selected) and 'Oracle'; 'Database Server' with a 'Server' dropdown set to 'LOCALHOST\HAMILTON' and a 'Database' text box containing 'HamiltonVectorDB'; 'Login Settings' with a 'Trusted Connection' radio button set to 'Yes' and empty 'Username' and 'Password' text boxes; and 'Tools' with 'Test Connection' and 'Prepare Server' buttons. On the right, an 'Information' box explains 'Trusted Connection' and shows a 'Default: No'. At the bottom, it says 'Installed Version: Vector Database Standard' and has 'OK' and 'Cancel' buttons.

4) Server Preparation: Trusted

- a) Perform the following steps:
 - Ensure "Create Database" is selected
 - De-Select "Create Login"
 - Set Trusted Connection to "Yes"
 - Username: Can be left blank
 - Password: Can be left blank
- b) Select "OK"
- c) Select "Yes" when prompted
- d) Select "OK" once the server preparation is complete

The screenshot shows the 'Vector Database Server Preparation' dialog box. It contains a warning message: 'The database server preparation creates all needed objects (database, login, etc) on the given database server. This operation needs a login with system administrator privileges. All existing data will be lost.' Below this is a 'Settings' box showing 'Database "HamiltonVectorDB" on Microsoft SQL Server "LOCALHOST\HAMILTON" with user "Hamilton"'. A 'Switches' section has a checked 'Create Database' checkbox and an unchecked 'Create Login' checkbox. A 'System Administrator' section has a 'Trusted Connection' radio button set to 'Yes' and empty 'Username' and 'Password' text boxes. At the bottom, there are 'OK' and 'Cancel' buttons.

5) Test the connection

- Return to the **Vector Database Connection Settings** window, and select "Test Connection"
- Select "OK" once the test is complete

The screenshot shows the "Vector Database Connection Settings" dialog box. It is divided into several sections: "Database Server Type" with radio buttons for "Microsoft SQL" (selected) and "Oracle"; "Database Server" with a "Server:" dropdown set to "LOCALHOST\HAMILTON" and a "Database:" text box containing "HamiltonVectorDB"; "Login Settings" with a "Trusted Connection:" section containing radio buttons for "Yes" (selected) and "No", and empty "Username:" and "Password:" text boxes; and "Tools" with a "Test Connection" button highlighted by a mouse cursor and a "Prepare Server" button. On the right, an "Information" section explains the "Trusted Connection" setting. At the bottom, it shows "Installed Version: Vector Database Standard" and "OK" and "Cancel" buttons.

6) If the connection test fails, ensure that the DB Startup Type is set to "Automatic Start"

- Open windows services (services.msc)
- Navigate to and select "SQL Server (HAMILTON)"
- From the "Startup-type:" drop-down, select "Automatic" and then click "Apply" and finally "OK"

The screenshot shows the "SQL Server (HAMILTON) Properties (Local Computer)" dialog box. The "General" tab is active. It displays the service name "MSSQL\$HAMILTON" and display name "SQL Server (HAMILTON)". The "Startup type:" dropdown menu is open, showing options: "Automatic" (highlighted), "Automatic (Delayed Start)", "Manual", "Disabled", and "Running". Below the dropdown are "Start", "Stop", "Pause", and "Resume" buttons. At the bottom, there are "OK", "Cancel", and "Apply" buttons.