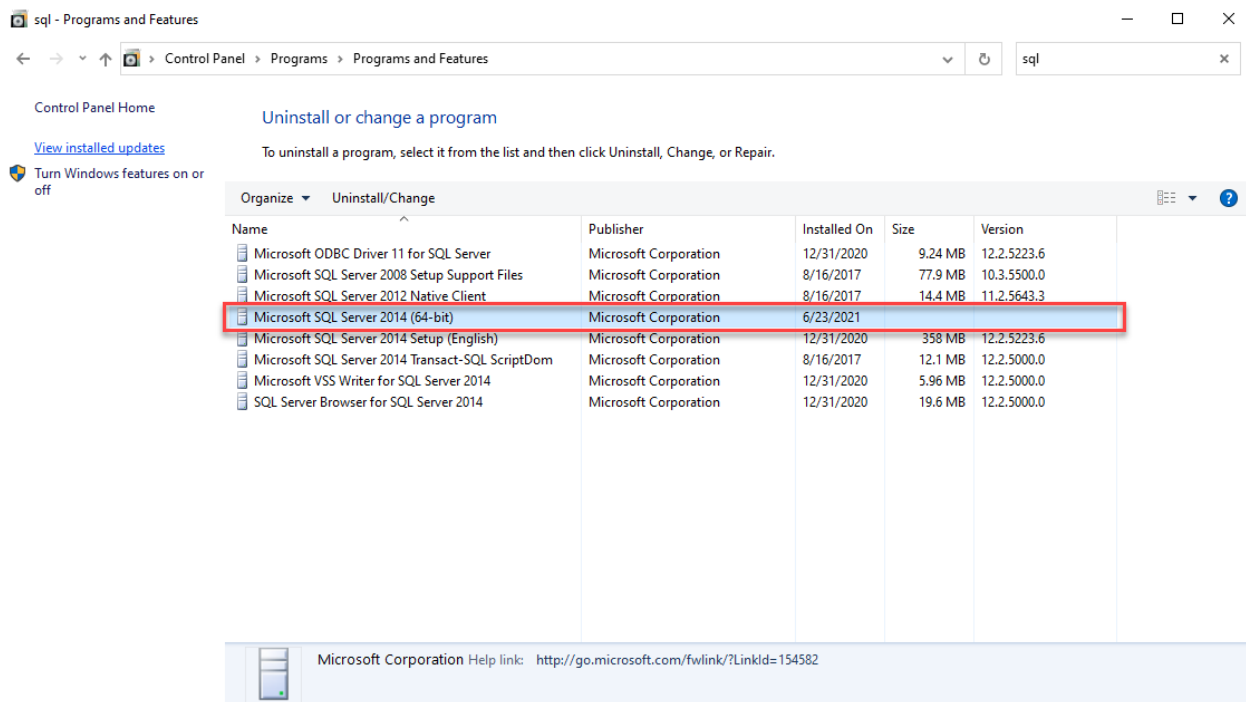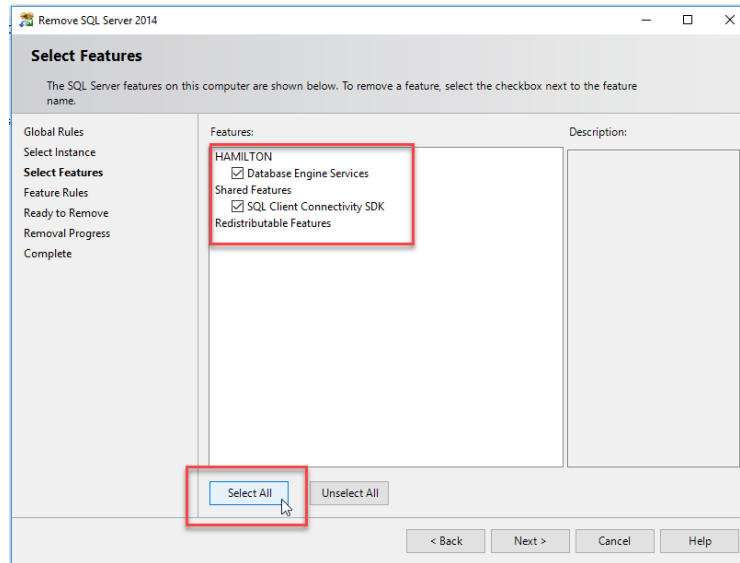## Overview

Sometimes the only way to fix systemic issues on systems running VENUS is to re-install VENUS. If you uninstall VENUS without first uninstalling SQL Server, the Hamilton SQL database will not be automatically created and setup in VENUS during reinstallation. You will then need to re-install and create the Hamilton database manually following "SQL Server 2014 Database Manual Installation.pdf" procedure, OR uninstall SQL Server and VENUS again following the correct procedure, and repeat the VENUS installation.
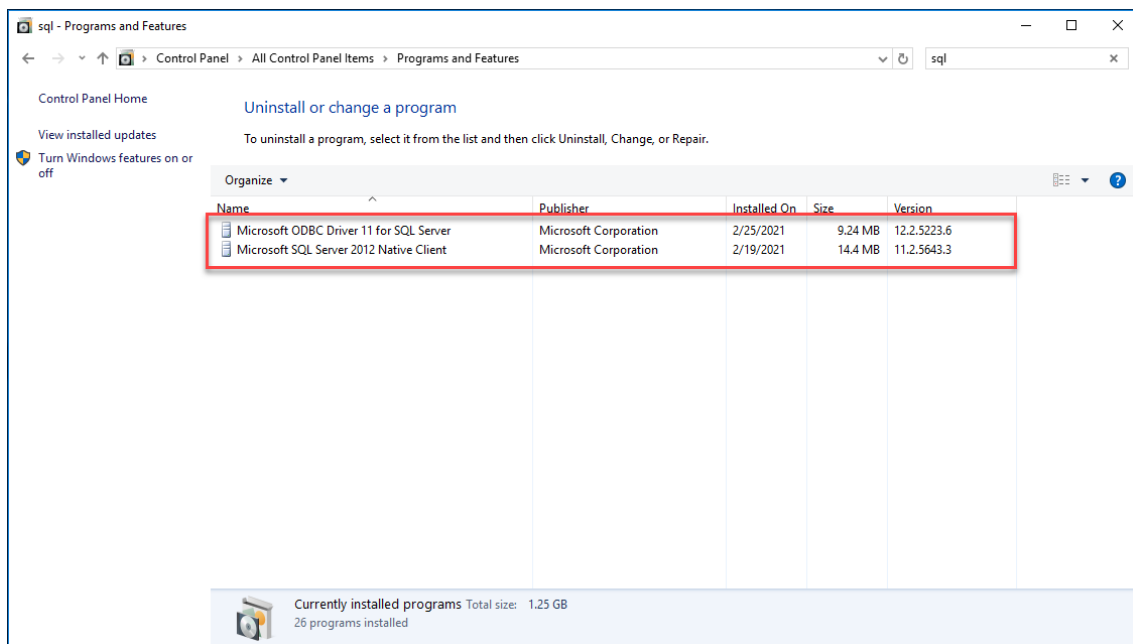
How to uninstall Microsoft SQL Server 2014

1. **From the Control Panel -> Programs and Features, search for 'SQL'**

3. **Go through the Remove SQL Server wizard to remove all components/Features of SQL Server. When prompted for which Features to remove, click Select All.**
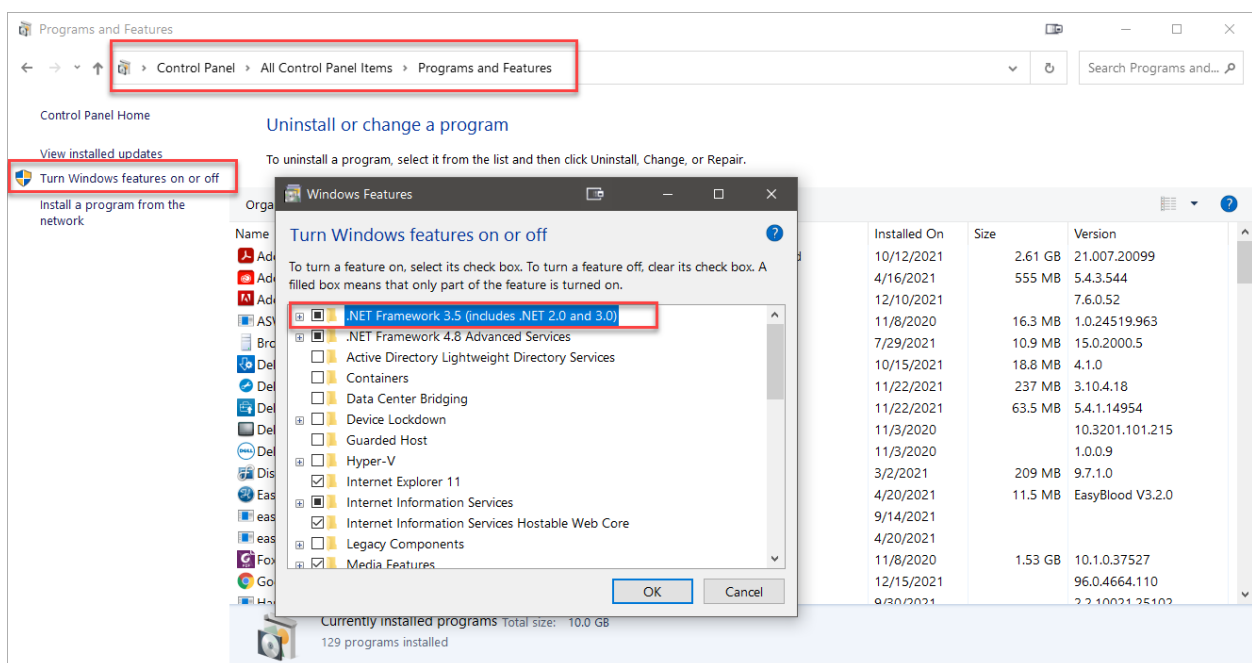

4. **Once the Remove SQL Server wizard is complete, uninstall all remaining SQL components from Windows Programs and Features control panel.**

How to uninstall VENUS

1. **Search for "Hamilton" in the Programs and Features Windows control panel. Uninstall any VENUS add-on features (Service Packs, PowerSteps, VoV Plugins, TADM). Note: You do not need to uninstall libraries or Device Drivers, but some may need to be reinstalled/repaired after VENUS reinstallation is complete.**

2. **Uninstall the VENUS main program.**

3. **Run "RemoveHamiltonSoftware.exe" and follow the steps. Note: Do not run this program before VENUS and its components have been uninstalled or you may have to manually remove Windows registry entries.**

4. **The C:\Program Files (x86)\HAMILTON will still exist. Delete or Rename this folder.**

5. **Restart Computer.**

6. **Re-install VENUS, make sure to say Yes to when asked to install SQL Server.**

7. **Re-install any add-on features (ie: PowerSteps, VoV, TADM, etc.)**

8. **You can now replace or merge the new Labware, Method and Library folders with the previous ones. Note: Do not replace other folders such as System, Bin, Config**

9. **You can also copy the old liquid class database ("ML_STARLiquids.mdb") found in the Config folder to the new Config folder.**

10. **Some Libraries/Device Drivers may need to be repaired/re-installed. You will get an "Invalid Class Error" during simulation if this is required.**

Important Notes for VENUS Installation

2. **If SQL Server Installation won't complete, you may need to update Microsoft Edge Browser. Some computers ship with an older version that prevents SQL Serve from properly installing. To update Microsoft edge, follow these steps**
   - **Go to "Help and Feedback" from the "…" menu in Microsoft Edge**
   - **Click "About Microsoft Edge"**
   - **Download and install any available updates**

3. **If installing PowerSteps you may get an error during installation about a .NET update error. You can ignore this error and VENUS should complete installation without issue.**