INSTALL NOTES

PONEMAH v5.60

The following are the instructions to install the Ponemah v5.60 software and a description of the options that can be installed from the Installation dialog.

Prior to installing, it is recommended to review the Ponemah v5.60 Release Notes.

Compatibility

Ponemah v5.60 is compatible with the 64-bit version Windows 10 version 1607 and later, as well as with Windows 11. It is also compatible with the 64-bit version of Microsoft Office 2007 or greater.

Notes:

- Microsoft .NET framework 5.0 is required and is part of the installation.
- Installation must occur from a Windows® Administrator account.
- Installing to the Program Files folder in Windows® is not supported.
- Windows 10 and 11 Home Edition are not supported. See Compatibility Note for details.

To install Ponemah v5.60:

1. Login as an Administrator on the computer.
2. Access the Ponemah install:
   a. **Physical Install Media:**
      If a physical copy of the install is desired, one can be requested by contacting DSI Client Services (CService@datasci.com).
      i. Place the DSI labeled USB flash drive into one of the computer's USB ports.
      ii. Navigate to the **install.exe** file and **double-click** it to display the installation options.
   b. **Internet Download:**
      i. Navigate to support.datasci.com
      ii. Click **Email Support**.
      iii. Select **Request Software/Firmware Update**.
      iv. Complete request form and **Submit**. A download link will be sent to your email address.
      v. Click the link to download the installation .zip file to a desired location.
      vi. Extract the files: **right-click** the .zip file and select **Extract**.
      vii. Browse to the extracted files and **double-click** on the **install.exe** file to display the installation options.
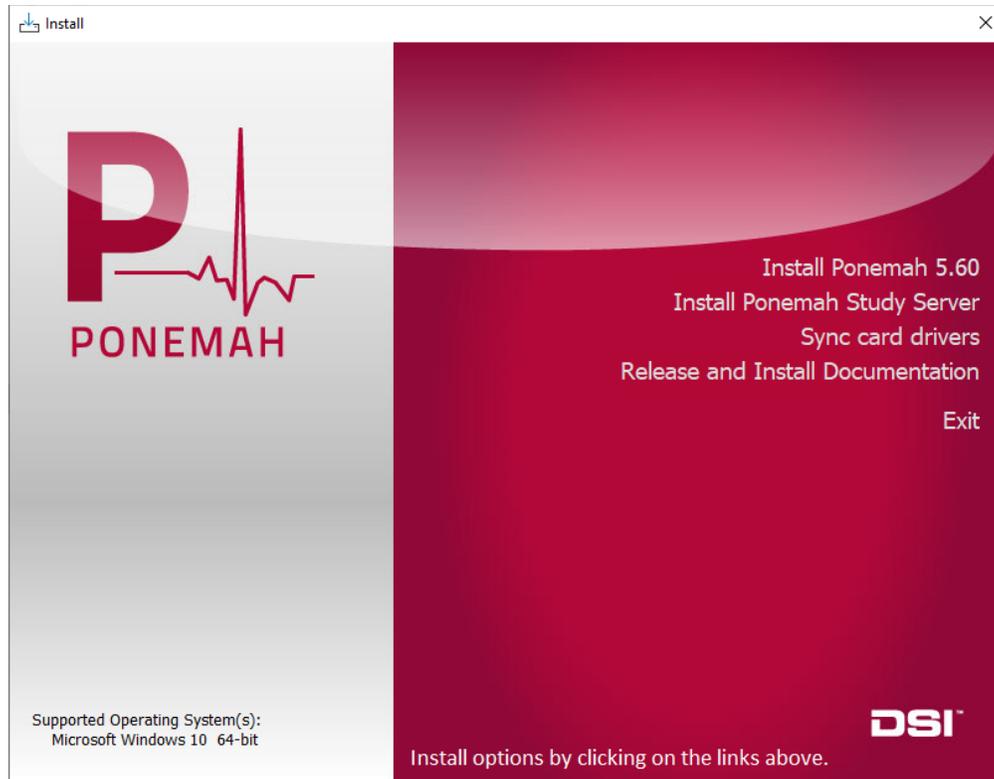
3. Click **Install Ponemah 5.60** to install the software.
4. Follow the onscreen instructions.
    a. <u>SQL must be installed as part of this process. SQL cannot be installed separately. If SQL is found to be already installed, such as from a prior Ponemah installation the SQL installation step will be skipped.</u>
    b. Choose the installation location: C:\Ponemah is the default location for Ponemah program files.
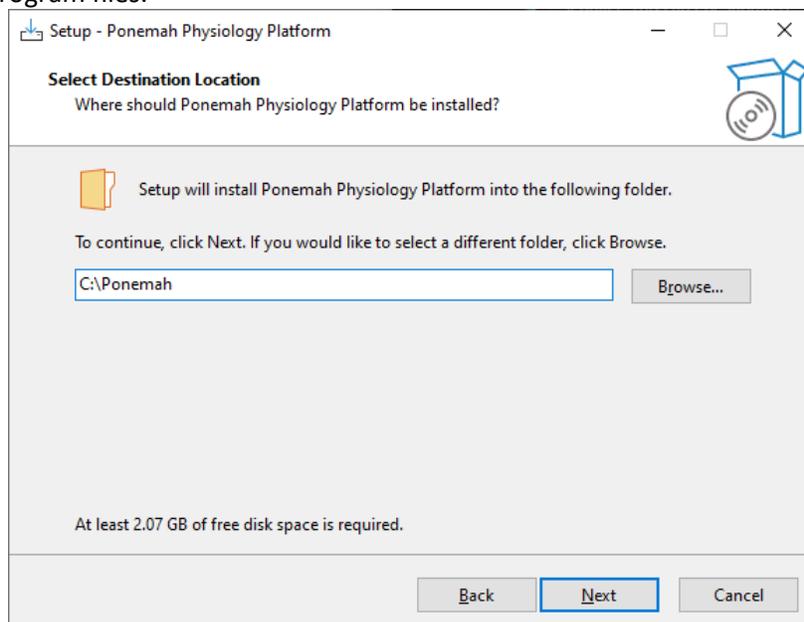
5. Click **Finish** and restart the computer before proceeding to the next step.
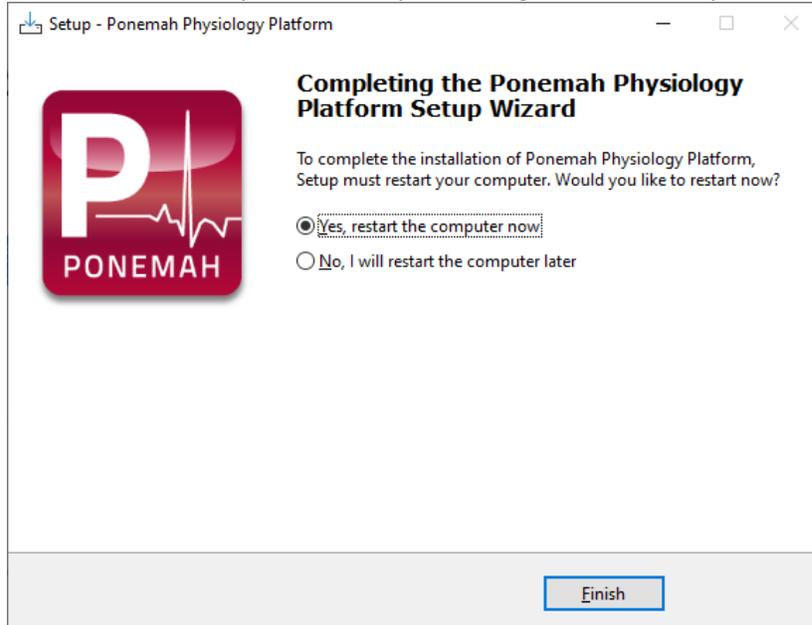
6. Open the downloaded installation folder again and double-click on the install.exe file to display the installation options. Click **Install Ponemah Study Server** to install the Ponemah Server.
    a. **NOTE:** Ponemah Study Server installation is only necessary when the Data Security Option (DSO) and the Study option of Ponemah are used.
    b. If Ponemah Server is not needed, skip to Step 12.

7. A **Ponemah Shared Data folder** must be selected. This is the location where data from all workstations will be saved to once a Study Sync is performed. For a standalone system the C:\Ponemah_Data directory is ideal.
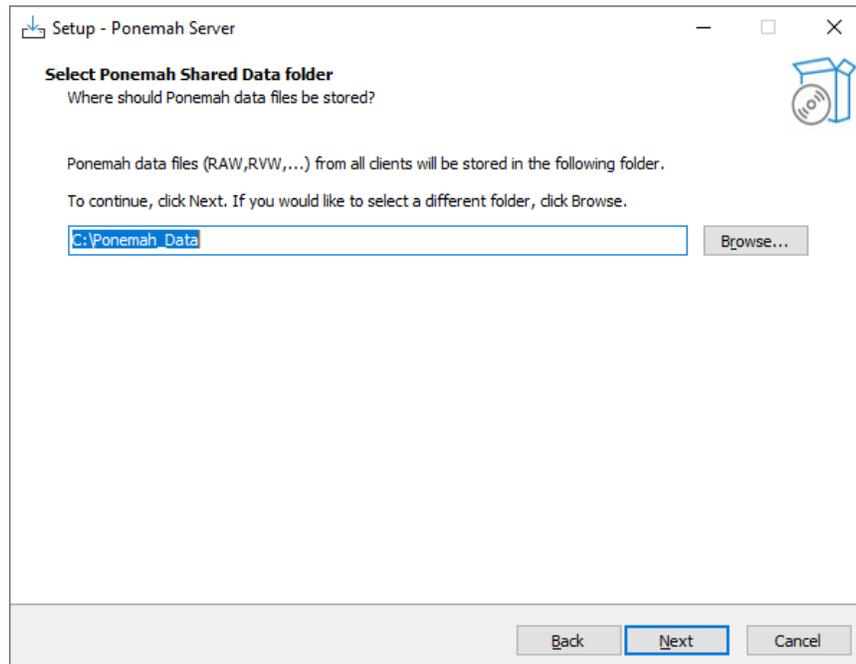
8. Connect to Database Server – The Ponemah Server install expects the SQL Server to be installed prior to running the installer. The install will take care of creating the databases on the SQL Server Instance that is specified during the installation process. You have the option of installing SQL Server either on the web server as a standalone system or on the dedicated server. If large studies are planned then having separate dedicated servers for webserver and SQL Server is recommended. There are two options outlined: a) Use the default settings in the installer for a standalone system or b) Connect to a remote server.

    a. Standalone system: Use default settings provided in the installer.

    b. Remote Server: The remote server must meet the following requirements.
        i. Windows 2012 server or better and can be either virtual or physical
        ii. SQL Server 2014 or better
            1. If a large number of studies are planned, Enterprise version is highly recommended
            2. Hardware recommended: 8 core processor and 32 GB RAM
            3. Authentication mode – Mixed Mode
            4. Recommend that the Study database and SEND database be on the same SQL Server
        iii. Web port 23332 open for Web server access
        iv. Web port 80 open for web client access
        v. Ponemah Data share on network

Server Name

The server name field in the installer follows the below format

$<ServerName>\backslash<InstanceName>,<port>$

If the specified database server instance already has an existing "PonemahCloudDb" database, then it will just use the existing database after running any migration scripts, otherwise it will create a new "PonemahCloudDb" database.

Log on Credentials

Ponemah Server needs a service account to access the specified SQL Server instance. It is recommended to create a separate dedicated service account for Ponemah Server. Listed below are few recommendations for the service account

- Service account using SQL Server Authentication is the recommended login mechanism for the service account.
- Service account should be assigned "dbcreator" and "securityadmin" server roles if it's a new installation. These roles are needed for creating PonemahCloudDb database during the installation process.
- Service account should be assigned "db_owner" or at least "db_datareader", "db_datawriter" and "db_ddladmin" role memberships for "PonemahCloudDb" database if an existing database is being used.

9. Default Installation location is the C:\Program Files\PonemahServer directory.
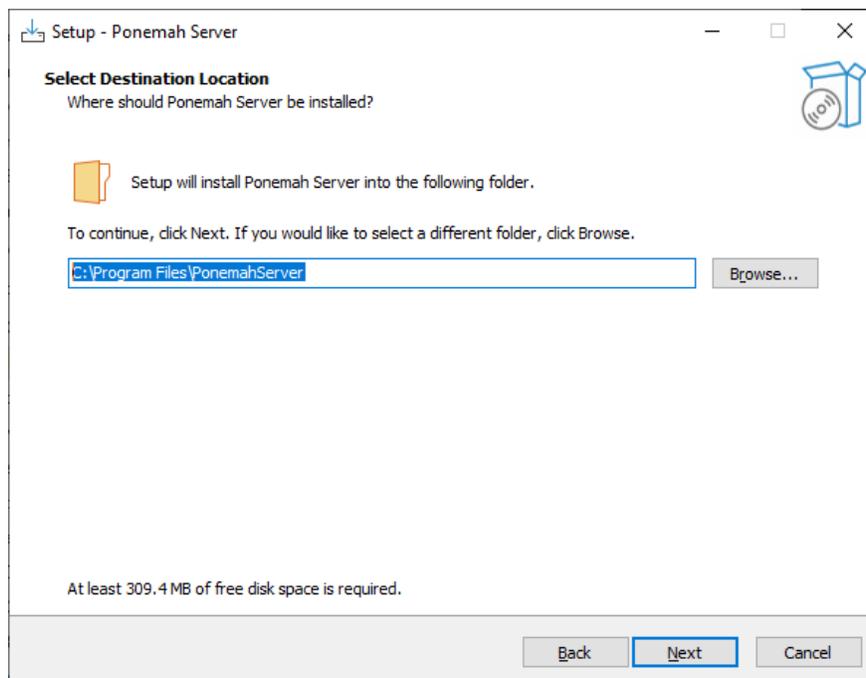
10. The following steps are performed during the Ponemah Study Server Installation:
    a. Install Internet Information Services Manager (IIS)
    b. Install .NET 5.0
    c. Install Study Server

11. Once the Ponemah Server installation has completed click **Finish**.
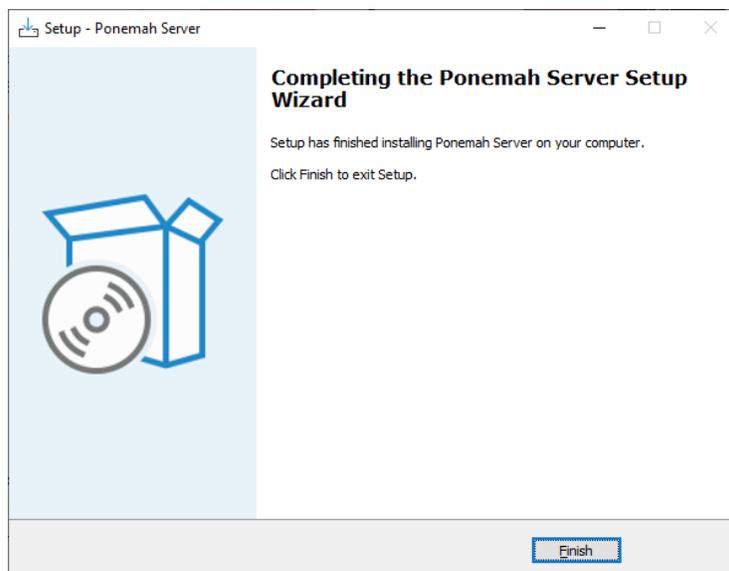
12. Activate your Ponemah License in one of two ways:
    a. Using a License Key code (no USB key required)
        i. Launch Ponemah.
        ii. In the license activation window select the radio button for *I have a 25-character license key*.
        iii. Enter the license key code exactly how it appears (include dashes).
            1. With internet connection: Click **Register online**.
            2. No internet connection:
                a. Click **Manual** registration arrow.
                b. Copy License Request by right clicking the text dialog and choosing to **Copy** or **Save as** to save request to a .txt file.
                c. Take License Request text to a computer with internet access and navigate to the following address using your internet browser:
                   https://license.harvardbioscience.com
                d. Paste License Request text into the License Request box as instructed on the webpage.
                e. Click **Generate**.
                f. Click the **Copy** button to copy the license response text from the webpage.
                g. Move the License Response text to the Ponemah workstation.
                h. Paste the License Response text into the Ponemah License Response text field.
                i. Click **Register**.
    b. Using a USB Security Key and License File
        i. Insert the Ponemah installation flash drive provided by DSI.
        ii. Copy the .LIC file to the Ponemah runtime directory.
            Default location: C:\Ponemah\
        iii. Insert the Sentinel Protection USB Security Key into a free USB port on the computer.

      iv. Select the radio button for *I have a USB security key and license file*.
      v. Click the **Select License** button.
      vi. Select the .LIC file and click **Open**.

Installation Options Descriptions

Ponemah 5.60

Select this option to install the Ponemah software.

Ponemah Study Server

Select this option to install the Ponemah Server that is required when using the Study and Data Security features of the Ponemah software

Sync card drivers

Do not install this option unless you are acquiring synchronized analog and telemetry data using the ACQ-7700 and MX2 or CLC. If you are using the ACQ-7700 with Quad04 PCIe Sync Board with the MX2 or CLC to acquire synchronized analog and telemetry data, please see the installation technical note: https://support.datasci.com/hc/en-us/articles/115003046134-Data-Synchronization-Card-Installation-Instructions

Release and Installation Documentation

Select this option to view the latest Ponemah release and install notes.