Getting Started

Ensure you have the hardware and software requirements below before you attend your Hands-on Virtual Bluetooth Workshop.

1.1 **Hardware Requirements**

- Thunderboard BG22 Kit (SLTB010A)
- 1 Micro USB to USB Type-A cable (Not included with kit)
- Mobile Phone (iOS or Android)

1.2 **Software Requirements**

- Simplicity Studio v4 ([Windows .exe](), [Mac .dmg](), [Linux .tar]())
    - Bluetooth SDK 2.13.4.0 or Later
    - Gecko SDK Suite 2.7.4 or Later
- [EFR Connect Mobile App](), ([Android - China]())
    - Accept Location Access. "While using the App" is acceptable. This enables Traffic Browser
- File storage solution for accessing OTA files on mobile device
    - Install cloud storage app on your mobile device (i.e. iCloud, Google Drive, Dropbox)
    - Have cloud storage account access ready to upload files from your computer/laptop

1.3 **If you do not have Simplicity Studio:**

1. Install **Simplicity Studio v4 b**y launching **Offline Installer** ([Windows .exe](), [Mac .dmg](), [Linux .tar]())

2. You'll need to create or sign in with your [www.silabs.com]() account

If you currently have Simplicity Studio installed:

1. Update existing Simplicity Studio installation

2. Update Protocol SDKs by clicking menu bar H**   Update Software**.
   a. Click Package Manager

   b. Click on tab for "SDKs" in Package Manager window

        I) Select and Install Bluetooth SDK – 2.13.4.0

        II) Select and Install Gecko Platform – 2.7.4

1.4 **Prepare OS to run Simplicity Commander (Needed for Day 3 Lab)**

For simplicity's sake add the path of Simplicity Commander (C:\SiliconLabs\SimplicityStudio\v4 \developer\adapter_packs\commander) to the path environment variable in your OS, so that the commander command can be called from any directory.

1. Use Search bar in Windows 10 to locate "Environment Variables" menu.

2. Select "Edit the system environment variables".

3. Select "Environment Variables" in the System Properties window.

4. Select "Path" under System Variables. Click "Edit…"

5. Click "New".
   Verify this is the valid path for your installation. C:\SiliconLabs\SimplicityStudio\v4\developer \adapter_packs\commander
   Most default installations will have this path. It will be different if you modified the installation folder for Simplicity Studio.

6. Paste the verified location of Simplicity Commander

7. Click "OK" 3 times to close the open windows

8. Restart your computer to enable changes