



**STEP 1**

Choose your IP-based networking technology such as Wi-Fi, Thread or both.


**TO DEVELOP MATTER PRODUCTS USING THREAD YOU WILL NEED:**

- A Thread certified device or radio board for end nodes — if you want to enable Bluetooth Low Energy commissioning, make sure your end device of choice is also Bluetooth capable. Refer to [silabs.com/matter](https://silabs.com/matter) for a full list of Matter supported devices.
- A border router board — such as Raspberry-Pi or BeagleBoard. This will run the backbone of Matter processing and networking.
- A radio co-processor (RCP) compatible device — the RCP takes care of the wireless communications operated by the border router. Refer to [silabs.com/matter](https://silabs.com/matter) for a full list of Matter supported devices.

OR


**TO DEVELOP MATTER PRODUCTS USING WI-FI YOU WILL NEED:**

- A Wi-Fi certified device for end nodes. Refer to [silabs.com/matter](https://silabs.com/matter) for a full list of Matter supported devices.
- All the remaining Wi-Fi functions could be programmed and operated from your terminal/PC.
- Commissioning:
  - You can commission new devices via your terminal/pc if it supports Wi-Fi and Bluetooth.
  - If the end device of choice is also Bluetooth capable, then it can take care of Bluetooth commissioning.

**STEP 2**

Set up your software environment for Matter development.


**TO DO THIS, YOU WILL NEED:**

- A desktop or laptop with a Linux development environment.
- An Android phone (iOS app is underway) for end node Bluetooth commissioning via Bluetooth.
- Set up your [Android commissioning app](#).
- Set up your chip environment (Python, GN and Ninja Linux Libraries.) You can find more detailed steps [here](#).
- Clone the Matter repo from GitHub, and be sure to update and sync all the submodules.

**STEP 3**

Run your first code example.


**FINAL STEP**

- Now that you have all of the software environment and all of the hardware you need, it is time to run code examples. Available examples include: [Light Switch](#), [Door Lock](#) and [Window Covering](#)
- [The full list of examples can be found here](#). GitHub repository also includes tools for testing your Matter project.

Code examples provide a step-by-step guide to get you to the point of successfully running code on your Matter network. Some examples provide a simple script that will execute everything for you.

Congratulations! You are ready to get to work on your first Matter prototype.

[Learn more](#)