Logo

**Introduction**

The iDigi Integration Kit (IIK) is a ANSI C platform independent software development kit used to extend a device to include iDigi Device Cloud connectivity.

**Expectations**

There are three parts to integrating the IIK: Compilation, Porting, and Application Extensions.

The Compilation part includes adding the IIK into your development environment.

The Porting part includes adding making fundamental application updates that connect key elements of your development environment (i.e., networking, memory allocation and time, configuration) to the IIK. In addition, you will run the IIK in your environment and confirm you can connect to the iDigi Device Cloud.

The Application Extensions part includes taking the necessary components of the IIK sample applications and combining these into your application to meet your project’s requirements.

**In and out of bounds**

It is absolutely forbidden to modify any code within the /private portion of the IIK tree. We recommend you focus your attention on the /public parts only.

**Getting Started**

The Compilation and Porting steps should take about 12 hours. To get started, open the IIK User Guide, read the Overview, and then follow the steps in the Getting Started Procedure. The IIK User Guide can be found here: [./docs/user\_guide.html](docs/user_guide.html).