iHome Demo

FTDI smart home solution features iHome, a distributed home automation hub featuring integrated touch screen, WiFi, Ethernet, CMOS camera sensor, proximity and ambience light sensing, temperature sensing, and speaker-phone. iHome works seamlessly with Bluetooth Smart (Bluetooth Low Energy) and IP based smart devices and appliances to provide users the convenience of smart home automation. A complementary smartphone application completes the end-user experience. Multiple iHome units work transparently together.

With a practical and intuitive GUI, users can easily setup and configure their smart homes, on-board new devices, create logical groups of things. Presets/scenes can be setup to facilitate user control. Events can be configured to automatically trigger scenes and controls without end-user intervention.
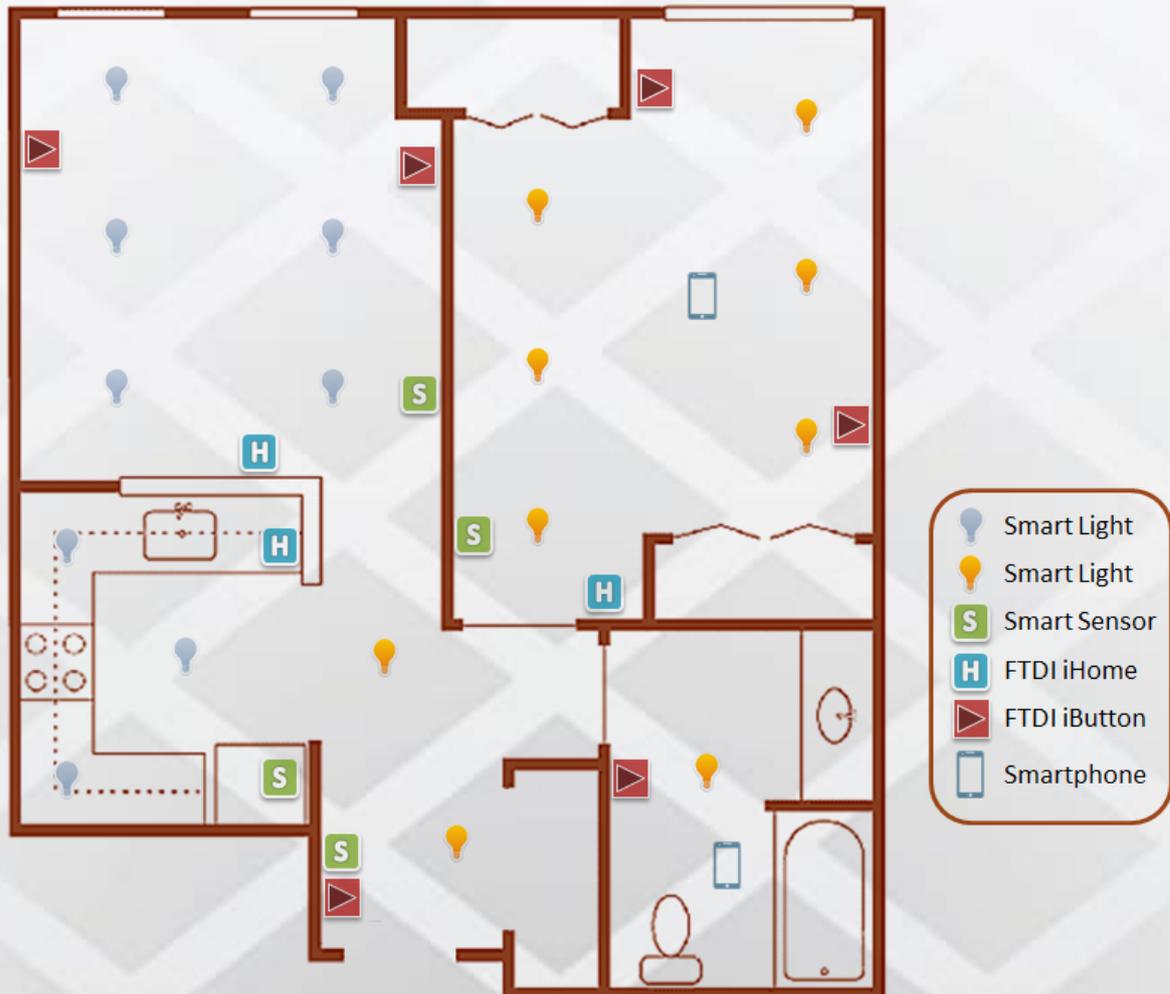
Future Technology Devices International Ltd. (FTDI Chip)

www.ftdichip.com

The demo emulates a simple smart home setup, features two iHome units, typically deployed each in a room or living space. For smart devices, two types of smart lighting are used, namely Philips Hue (controlled via Philips Hue Hub via IP) and Bluetooth Smart (BLE) LED lights.   Also show cased is smart buttons, which can be configured flexibly to control other smart devices via iHome.   Smartphone application provides the alternative user interface to access iHome controls.
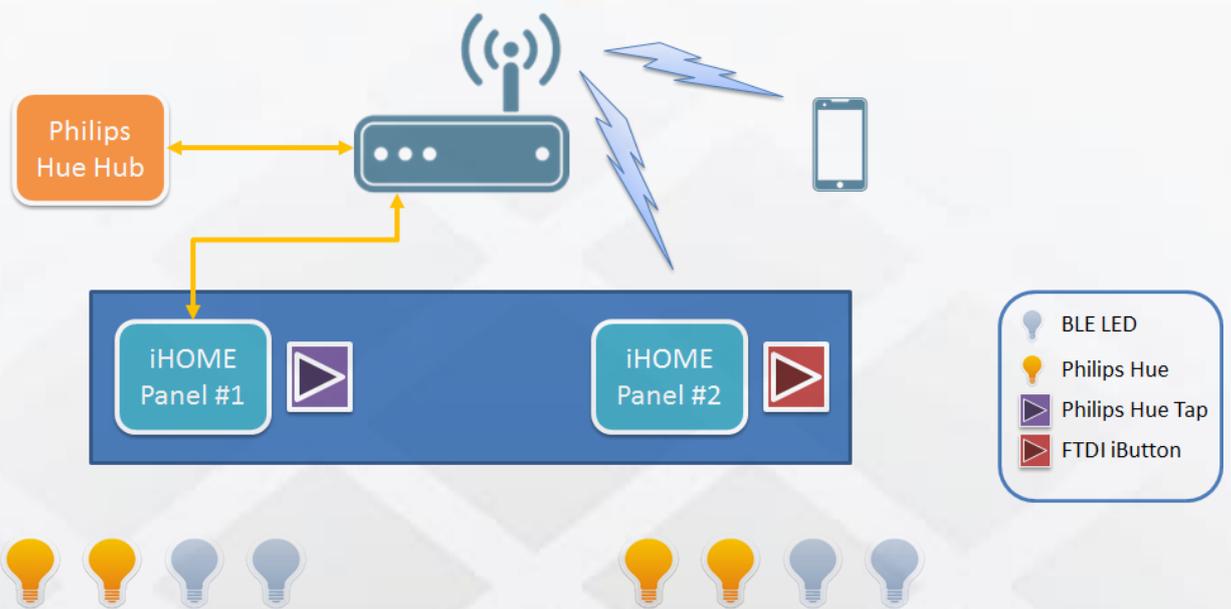
FT90x

The FT90x is a series of 32 bit SuperBridging MCU's targeting connectivity of high speed interfaces from FTDI.   More information is available at www.ftdichip.com/FT90x

EVE

EVE is FTDI's Embedded Video Engine offering graphic and touch control of a display module with additional audio output, ideal for HMI solutions such as the iHome demonstration. More information is available at www.ftdichip.com/EVE