







居家安全方案

• 情境:

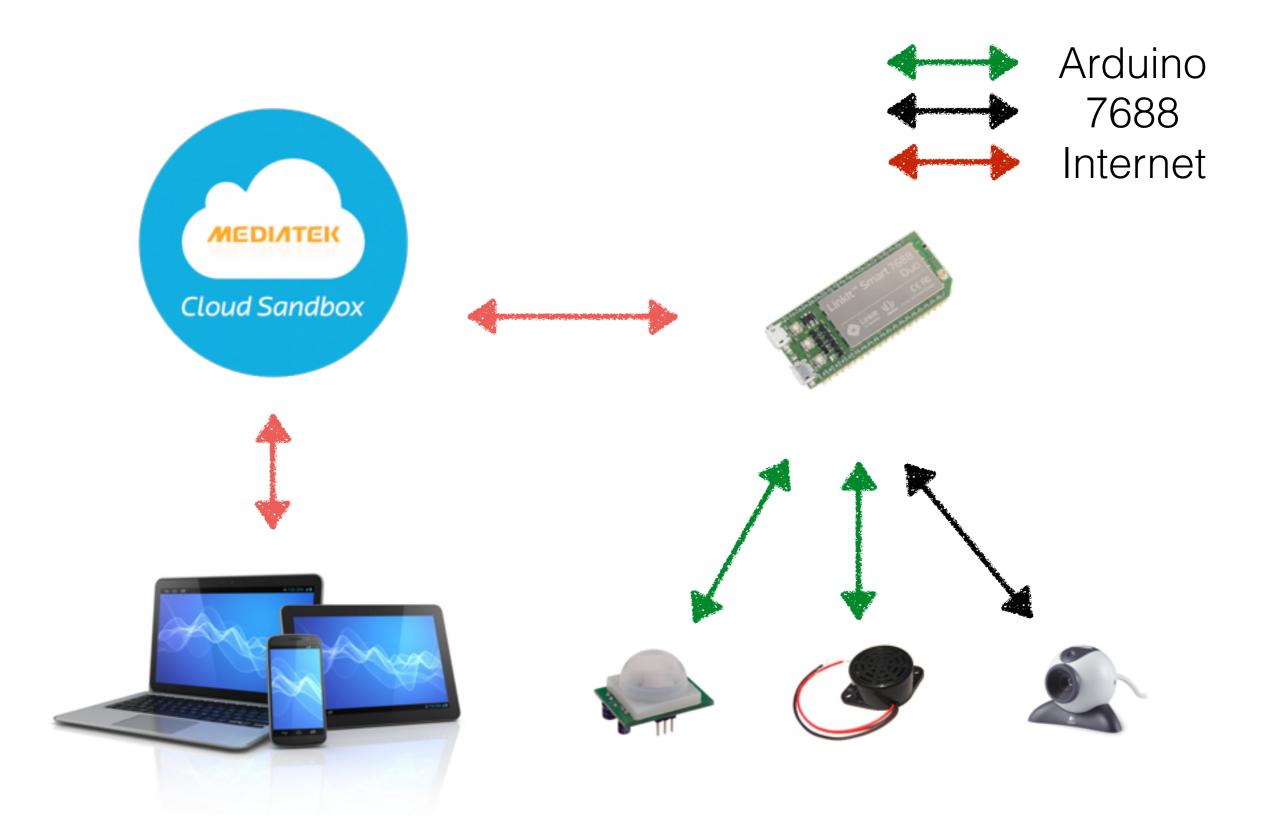
透過人體紅外線感測器,去 偵測家裡是否有人走動,如 果有人的話會以蜂鳴器及燈 光驅離,並啟動攝像鏡,讓 使用者查看



條件設定

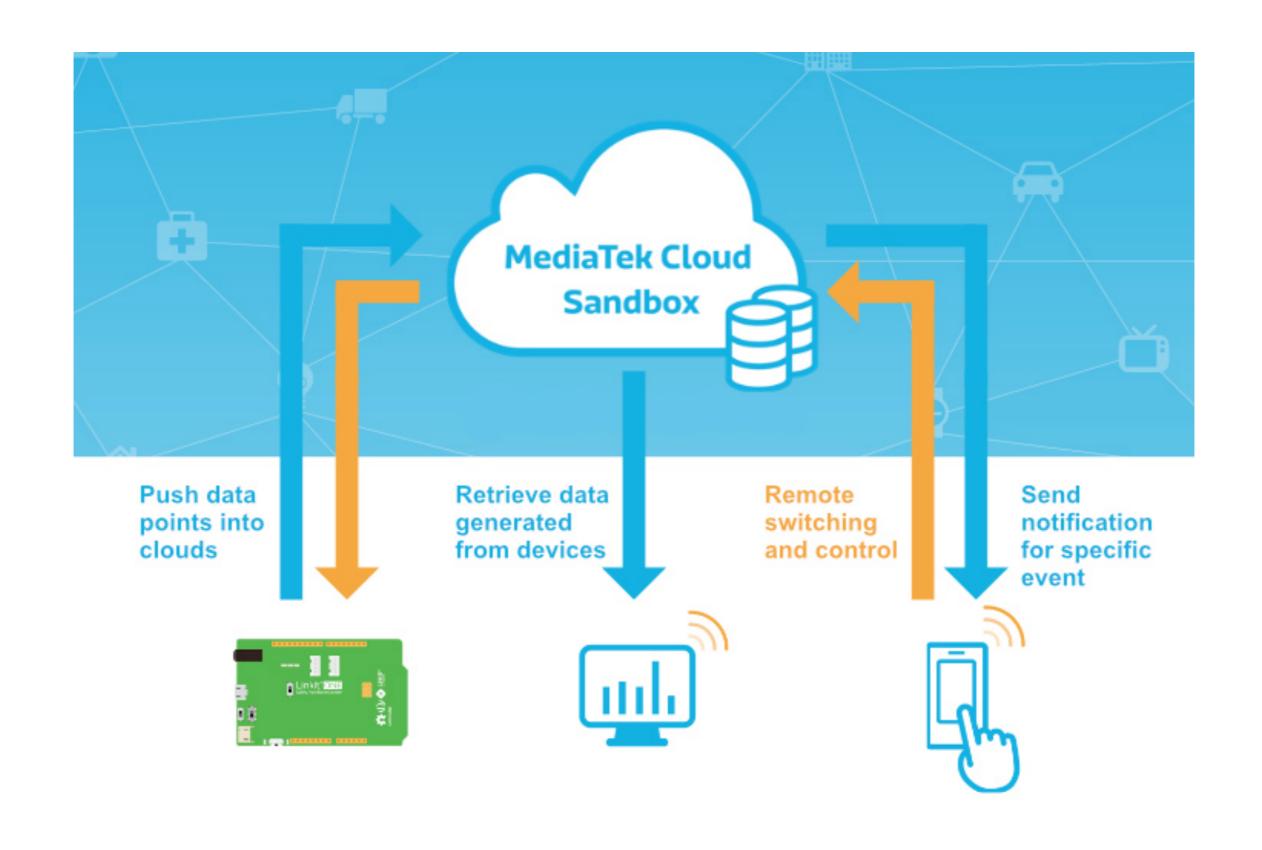
- 觸發機制:人體紅外線感測器有反應
- 觸發項目:
 - 1.蜂鳴器
 - 2. LED燈光
 - 3. WebCam

運作架構



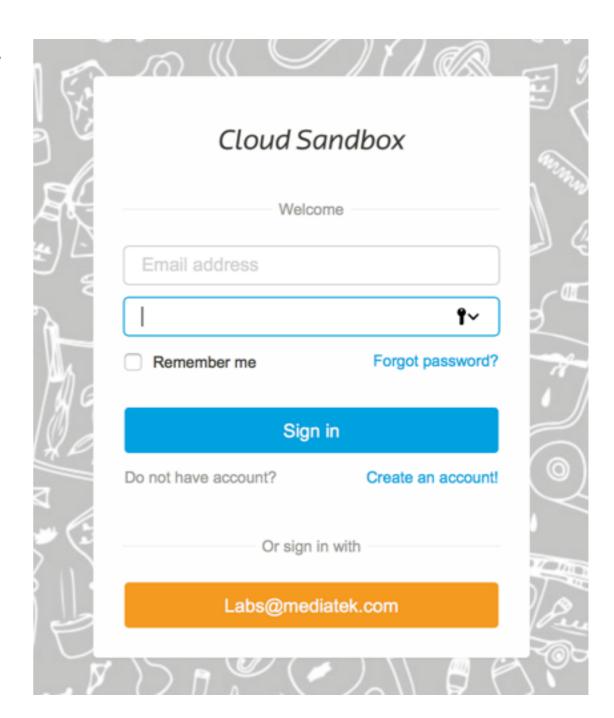
準備項目

- YunBridge
- Python Library
- MCS



使用MCS

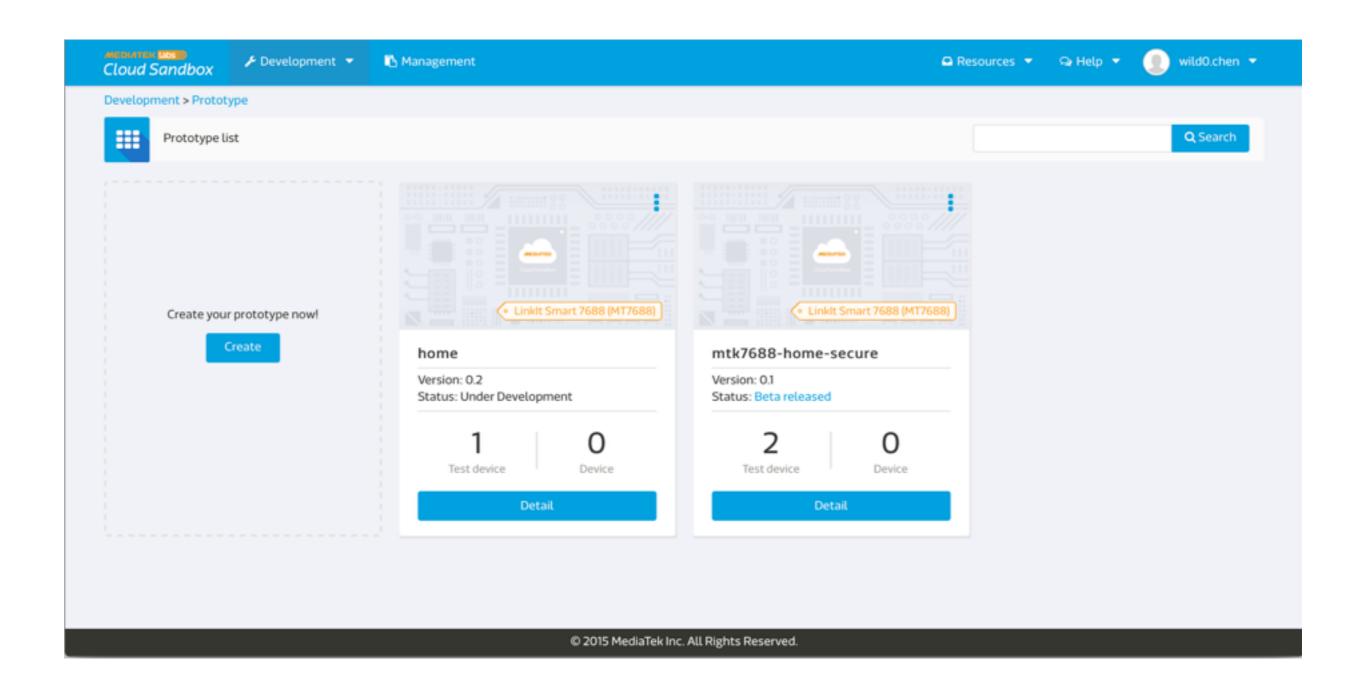
https://mcs.mediatek.com/



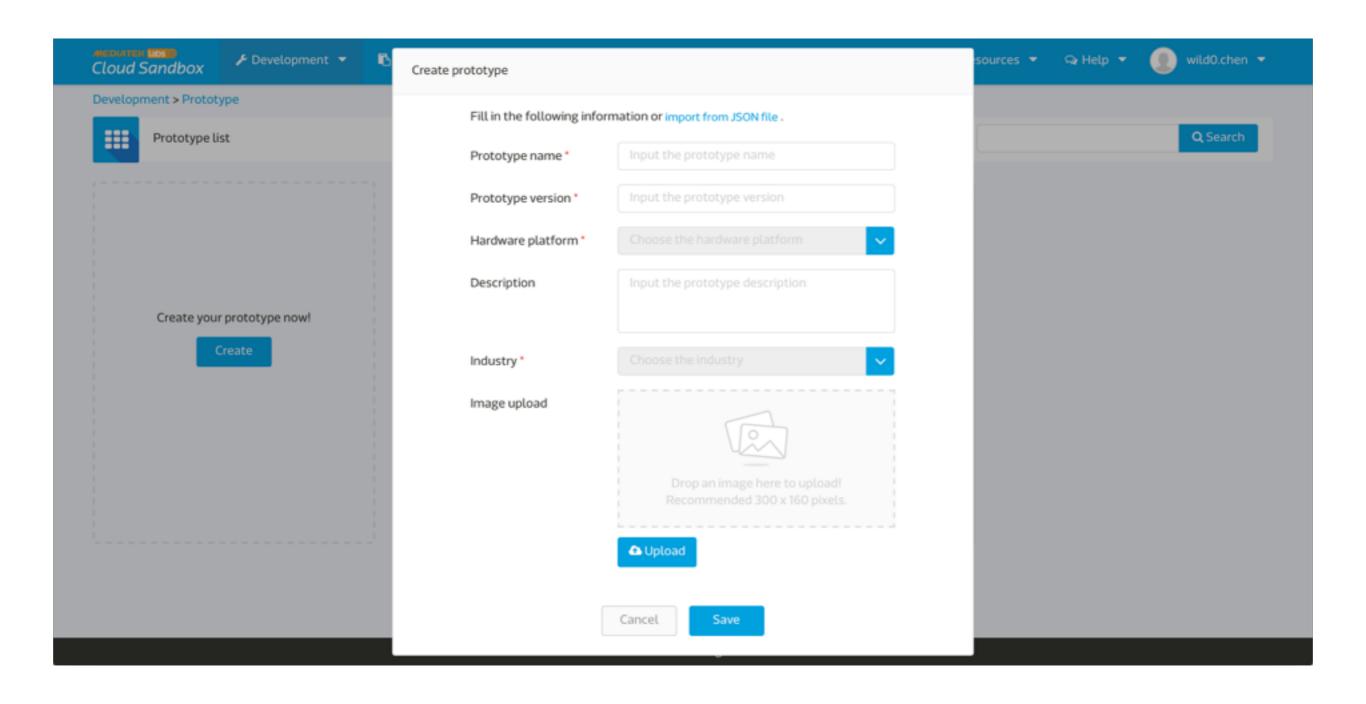
MCS使用流程

- 建立Prototype
- 建立Template
- 建立Test Device

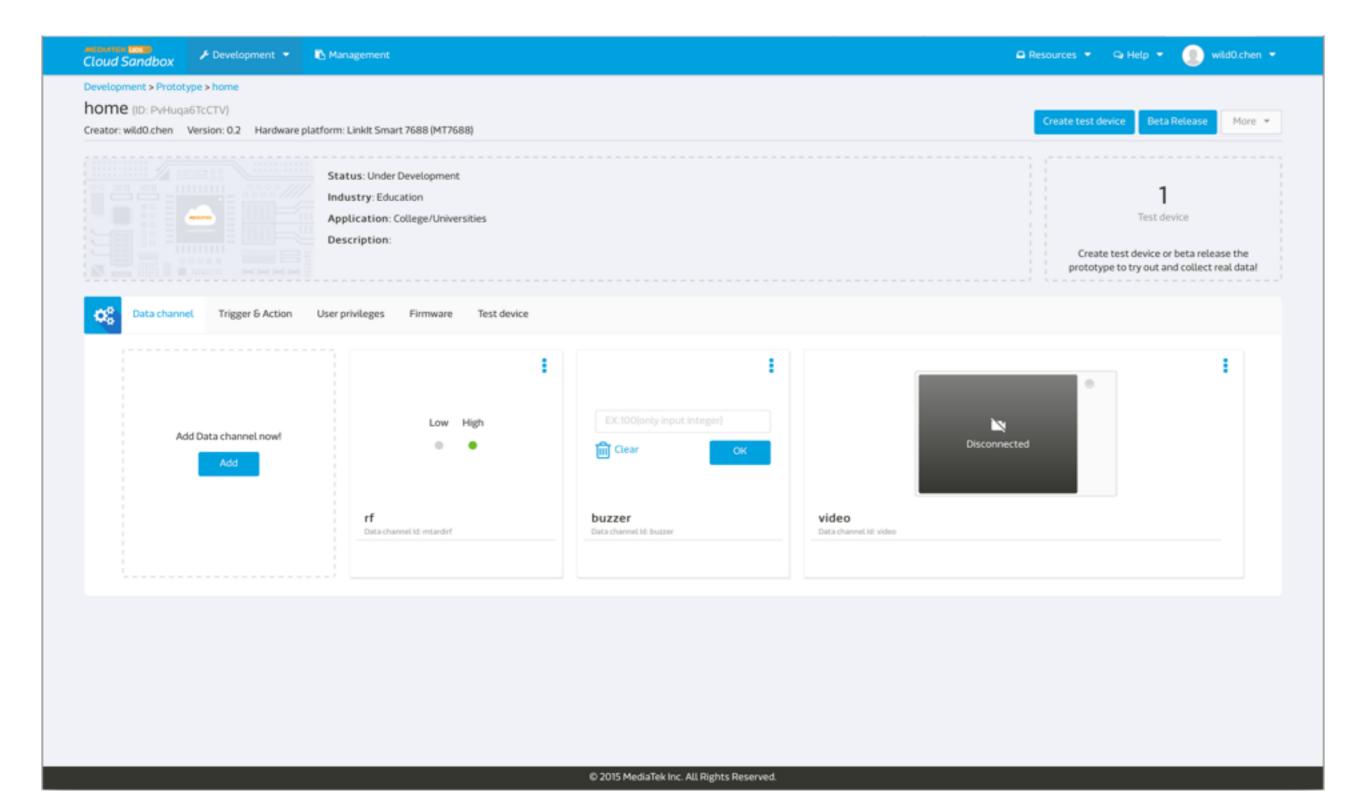
MCS - 建立原型



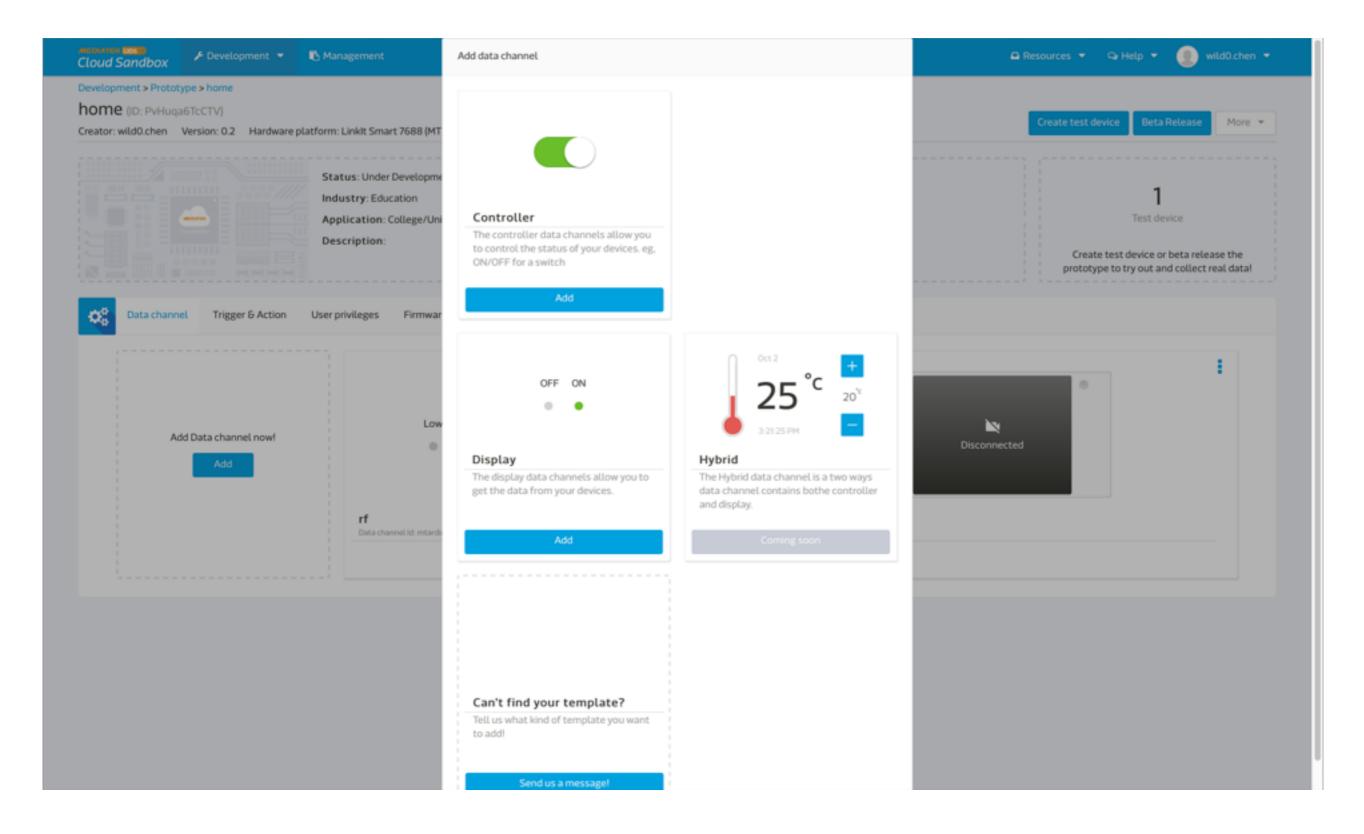
MCS - 建立原型



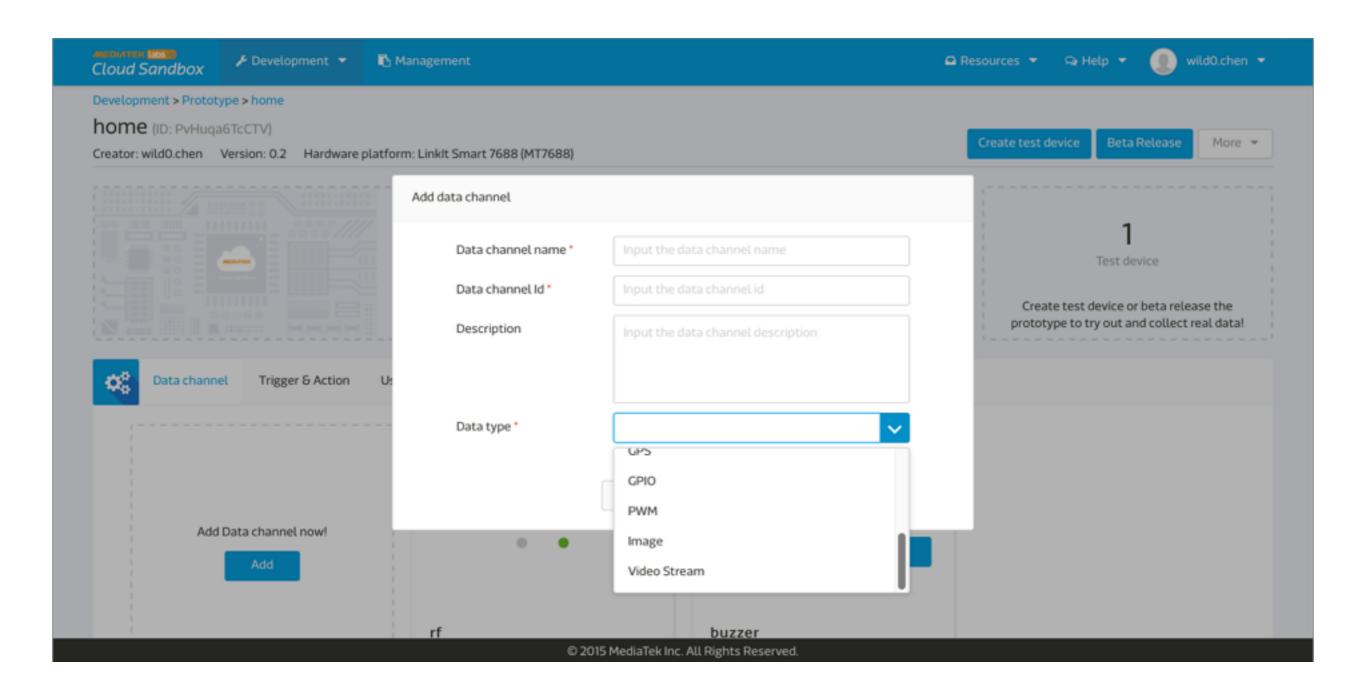
MCS - 建立Channel



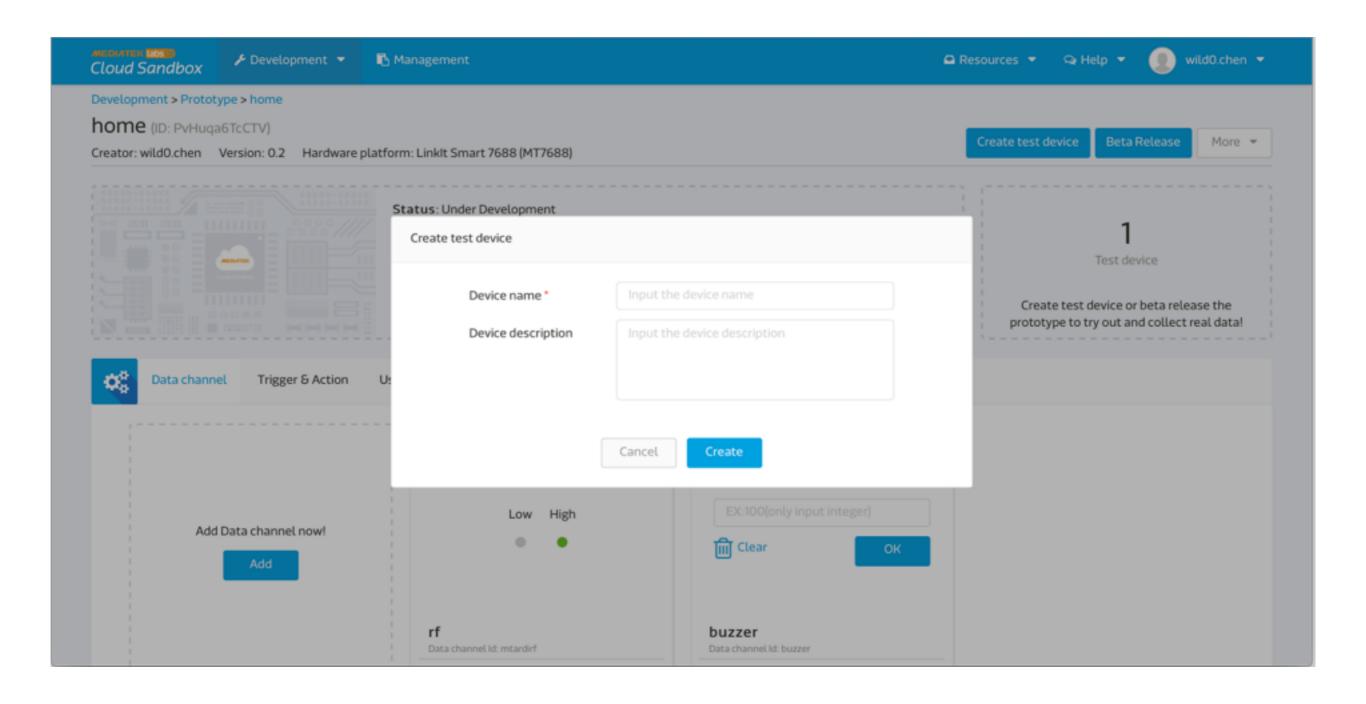
MCS - 建立Channel



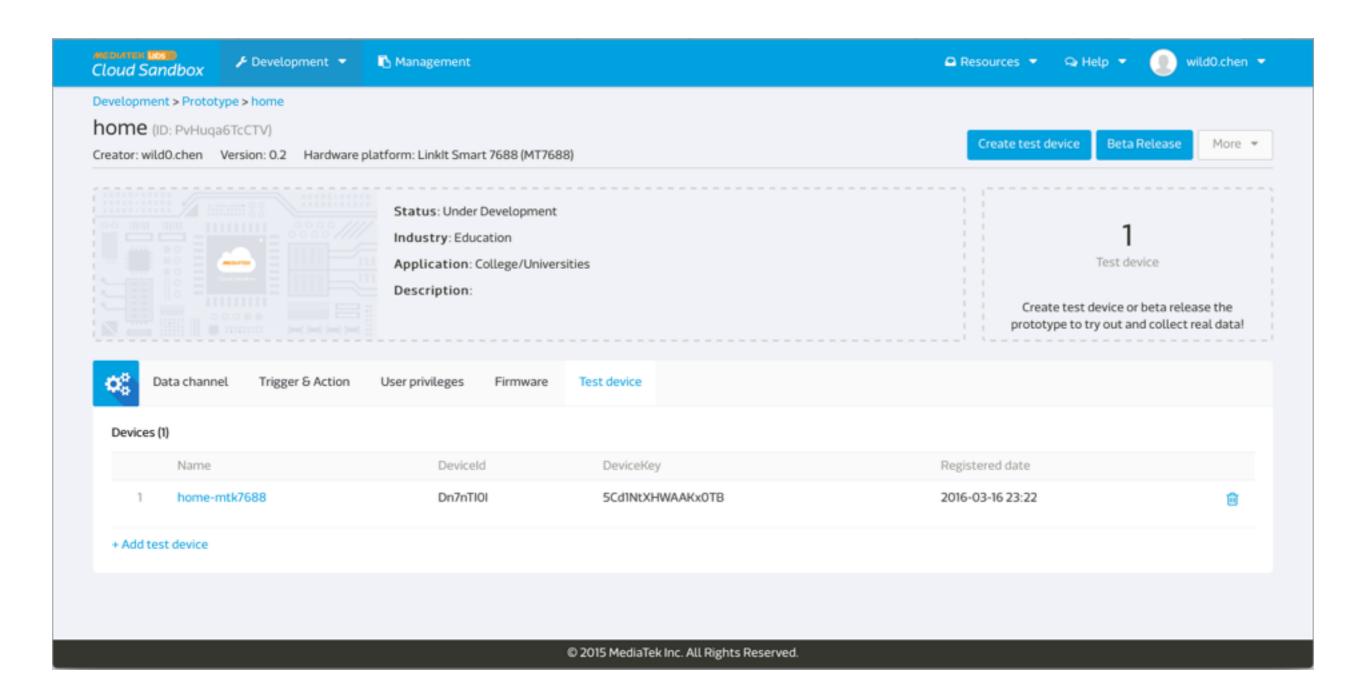
MCS - 建立Channel



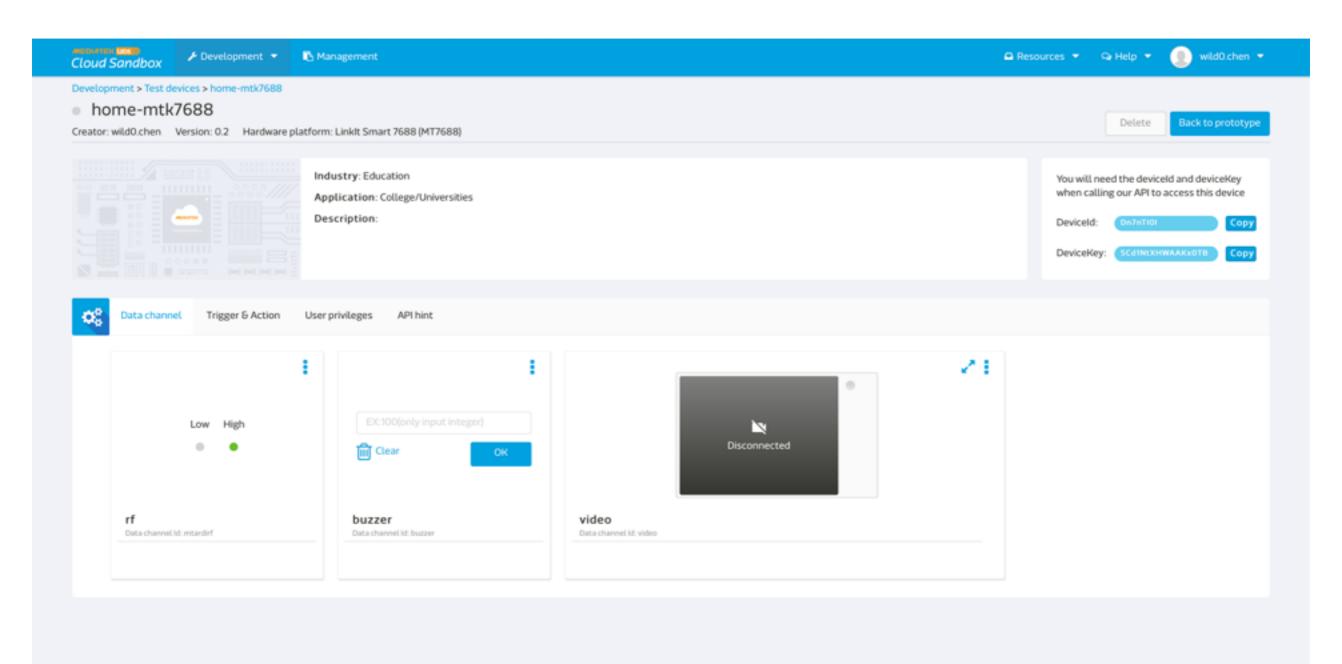
MCS - 建立Test Device



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MCS - 建立Test Device



下載Sample code

- 在PC下可以去https://github.com/makee-workshop/home-secure-basic.git下載code
- 在7688 Openwrt console mode下執行 git clone https://github.com/makee-workshop/home-secure-basic.git

初始化環境與執行

- 初始化程序
 cd home-secure-basic
 sh init.sh
 此程序會將所有運作此範例需到的套件安裝於Openwrt內
- · 將deviceId與deviceKey替換至variable.py
- 執行python home-secure.py

範例說明

待續