



JUDO 產品遠端控制

網際網路連線

App 控制

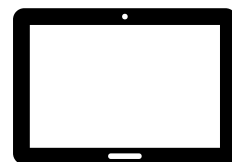
REST API (智能家居)



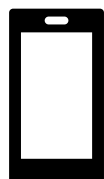
遠端控制



(3) 通過乾接點在建築管理系統中進行整合(不包含)

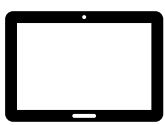
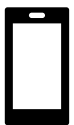


(2) 在智慧家居系統中透過 REST API 進行整合

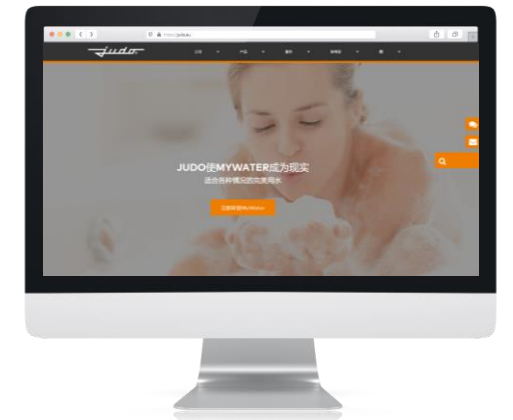


(1) 遠程App控制

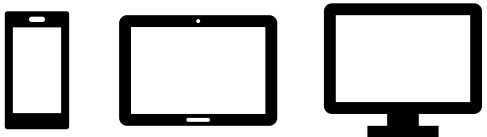
透過 JU-Control APP 進行遠端遙控



- JU-Control APP 是一個基於瀏覽器的應用程式，用於控制 JUDO 產品
- 免費的 iOS / Android 平板與手機
- 桌面電腦的瀏覽器應用程式 (<http://www.ju-control.app>)



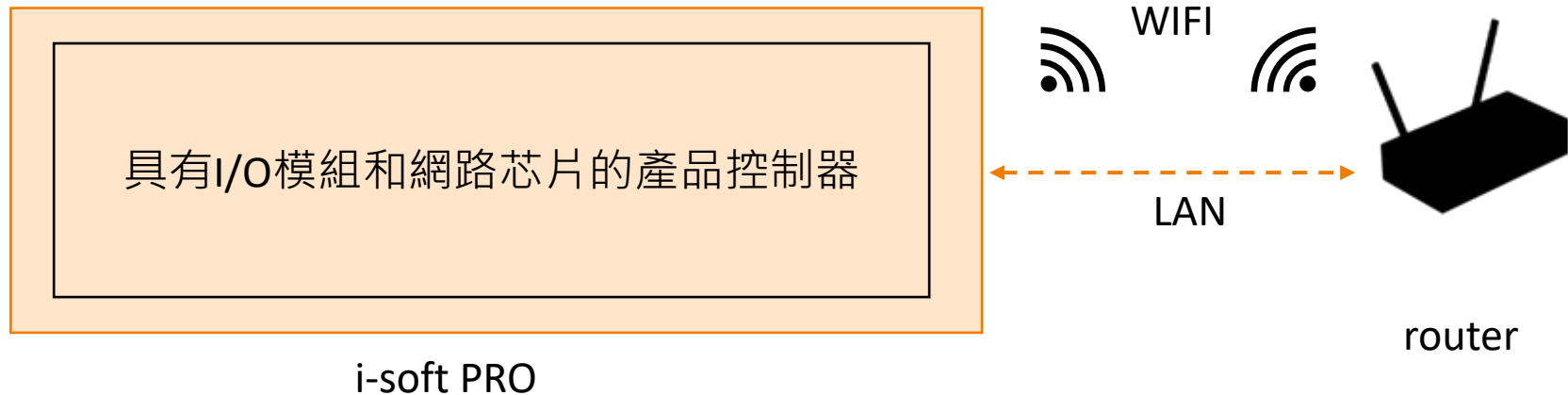
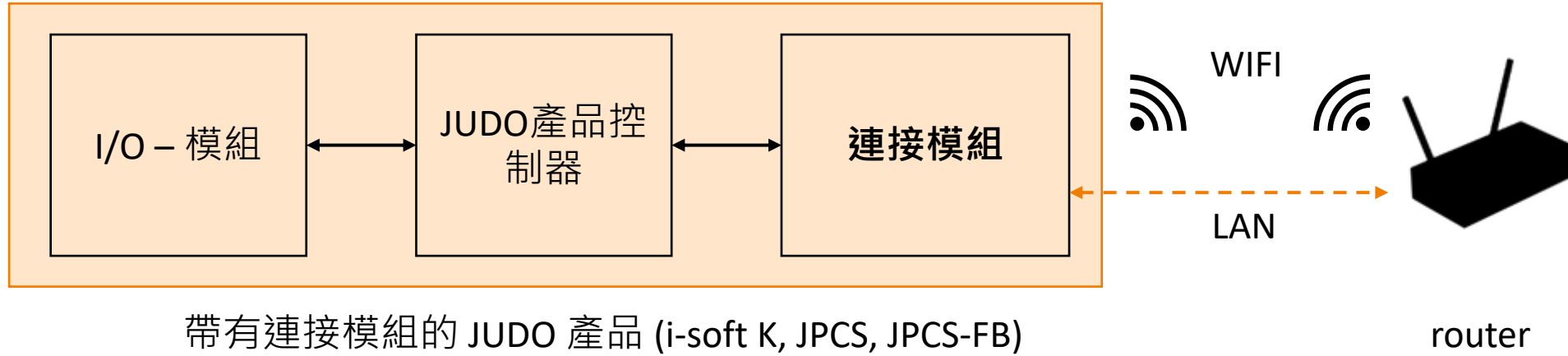
透過 JU-Control APP 進行遠端遙控

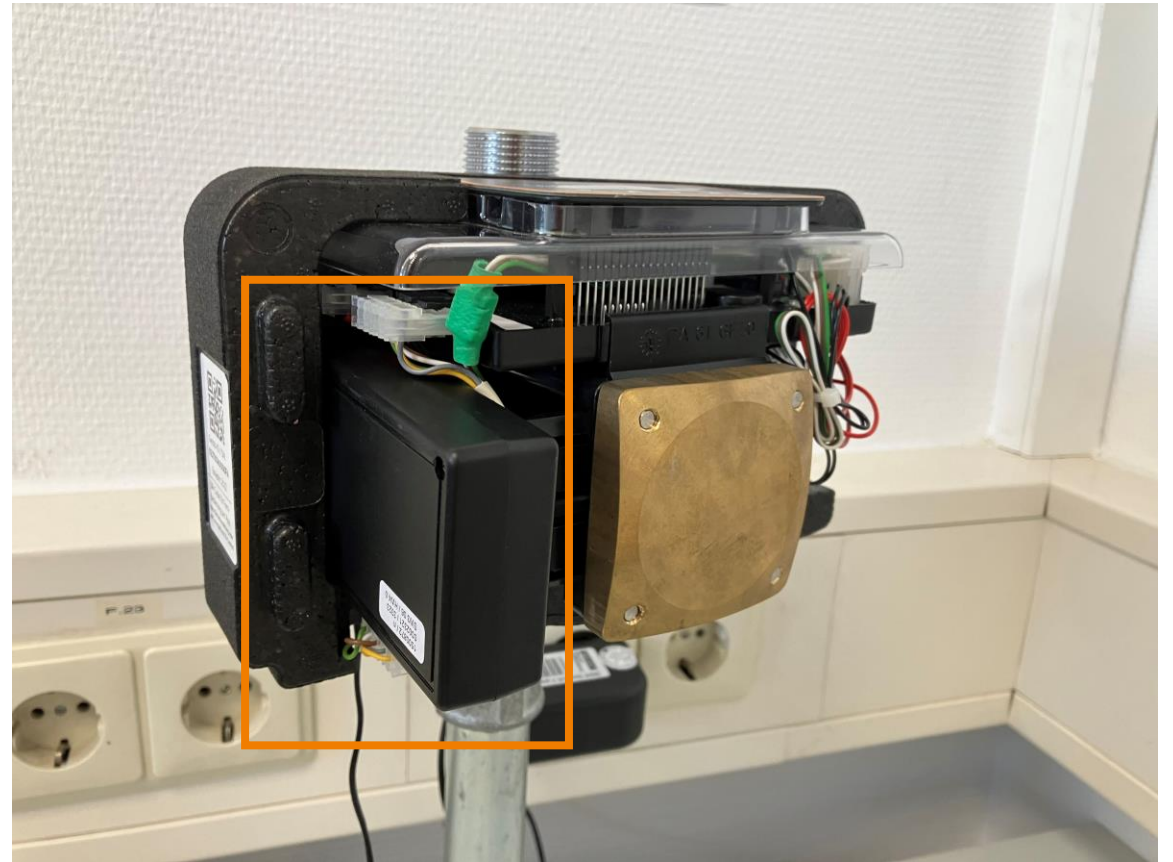


1. 建立 JUDO 設備的網路連接
2. 安裝 JU-Control 應用程式或開啟瀏覽器應用程式
3. 將 JUDO 產品連接至您的應用程式
4. 透過 JU-Control 應用程式控制您的 JUDO 產品



STEP 1: 在您的 JUDO 設備上建立網路連接





STEP 1: 建立局域網(LAN)連接



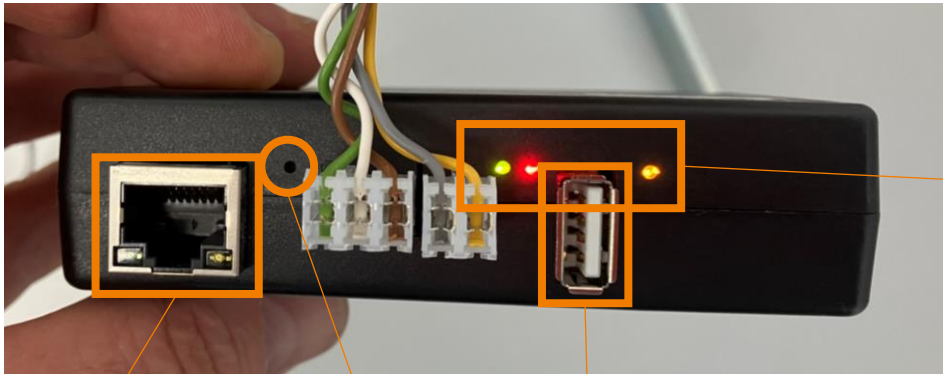
連線模組 (i-soft K, SOFTwell KP, JPCS)



i-soft PRO

確保 DHCP 已啟用 (自動分配 IP 地址) 否則，需要手動分配 IP 地址

使用連接模組建立無線網路連接



LAN 網路插座

USB 插座

重置按鈕（按住至少 10 秒，然後釋放）

- 恆亮或閃爍：與產品控制器通信中
- 不亮：未與產品控制器通信，例如電纜斷裂

- 恆亮：已建立WiFi連接
- 閃爍：即時WiFi活躍
- 不亮：WiFi已停用

- 恆亮：已連接到 JUDO 伺服器
- 閃爍：正在尋找連接
- 不亮：未連接到 JUDO 伺服器



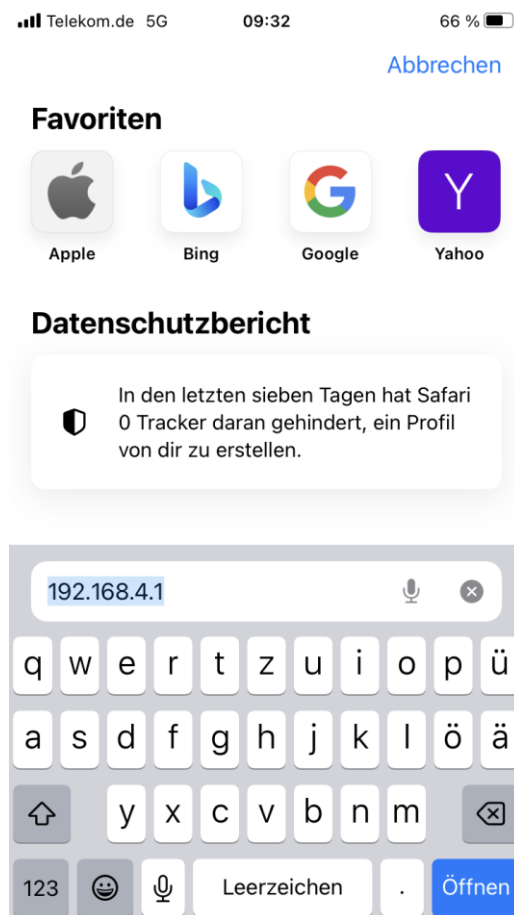
使用連接模組建立無線網路連接

1. 請插入您的 JUDO 設備並等待30秒
2. 連接模組上的紅色LED燈開始閃爍
3. 連接到您的連接模組SSID 「connectivity-XXXXX」
4. 打開您的瀏覽器
5. 輸入192.168.4.1
6. Log in: admin / Connectivity
7. 進入「Einstellungen / Settings」設置
8. 啟用WiFi並輸入您的WiFi設置
9. 如果未啟用DHCP，輸入IP地址及其他參數
10. 點擊「Speichern / Save」
11. 連接模組上的紅色LED燈恆亮

使用連接模組建立WiFi連接



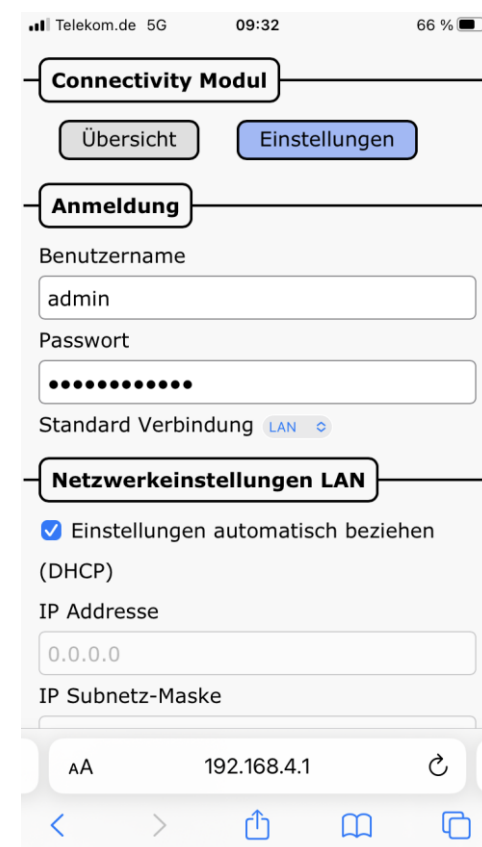
1. 連接到您的WiFi網絡
「connectivity-XXXXX」



2. 鍵入 192.168.4.1

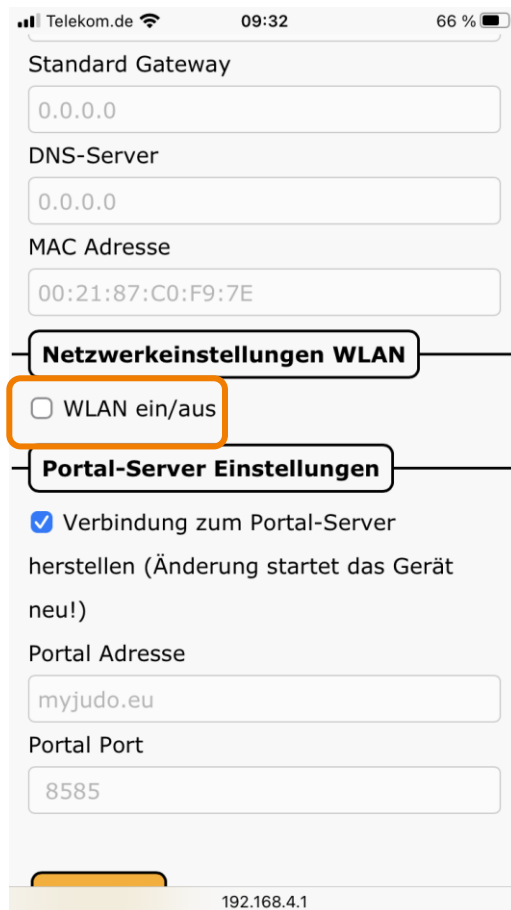


3. 登入網站 進入設置

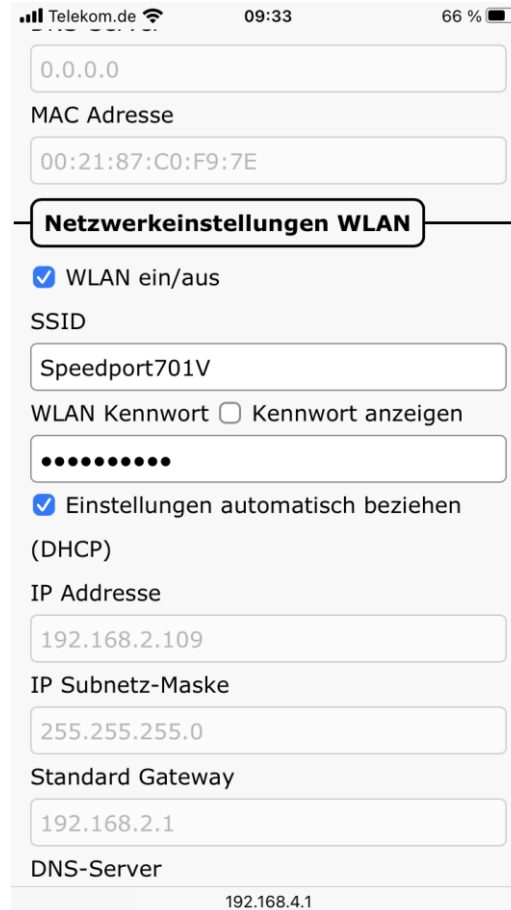


4. 向下滾動

使用連接模組建立WiFi連接



5. 啟動 WIFI

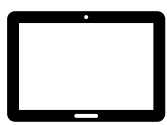
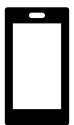
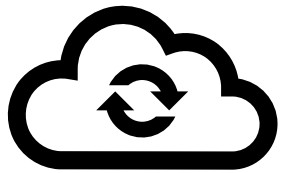


6. 鍵入 WIFI SSID 與網路密碼



7. 點擊保存，建立WiFi連接，然後建立到JUDO伺服器的連接

STEP 2:將 JUDO 產品與應用程式連接



1. 下載 App 或進入 www.ju-control.app
2. 註冊

The screenshot shows a web browser window with the URL <https://www.ju-control.app/?logout=true>. The page title is 'Registration' and the sub-header is 'New user'. A dropdown menu is open, showing 'Commercial user' selected. Below the dropdown are several input fields: 'User name*', 'Password*', 'Repeat password*', 'E-Mail*', 'Repeat Email address*', 'Mr', 'First name*', 'Surname*', 'Country*', 'Postcode*', 'City*', 'Street*', 'House number*', 'Telephone', and 'Mobile phone'. At the bottom, there is a checkbox for 'Accept privacy statement' and a 'Privacy statement' link. An orange 'Register' button is at the bottom center.

Commercial user: e.g. for plumbers who take care of their customers devices

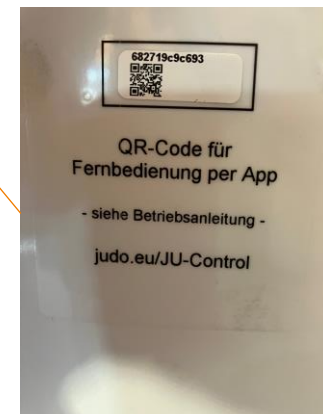
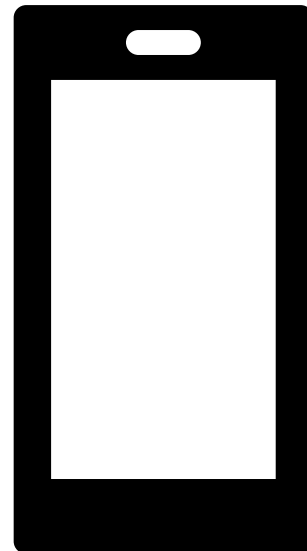
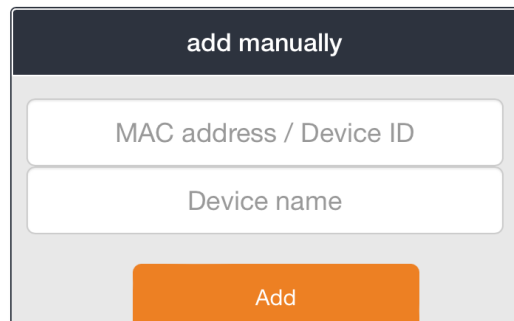
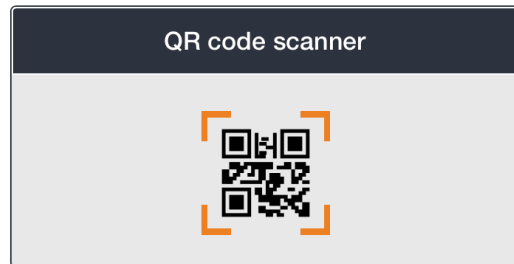
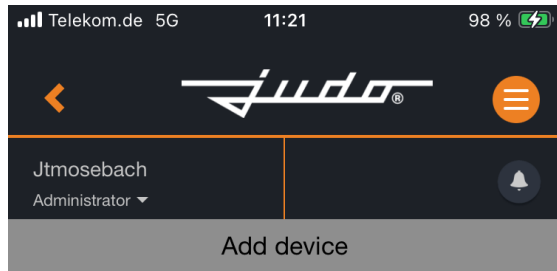


STEP 3: 連接 JUDO 產品與應用程式

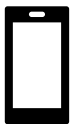
The screenshot displays the JU-Control web application interface. At the top, there is a navigation bar with the JUDO logo and menu items: Locations, Devices, List of events, Operating instructions, Service, Privacy statement, and Imprint. Below this, a user profile for 'Jtmosebach Administrator' is visible. The main content area is titled 'Max-Eyth Meeting Rooms' and features an orange 'Add device' button. Below this, two device cards are shown:

- i-soft safe**: Fully automated softening plant, Device number: 218832, i-soft SAFE+. Status: online. Includes a 'Device menu' button.
- JUDO PROFI-QC protective backwash filter 3/4" - 1 1/4"**: Message: Next backflushing required: 12.09.2023. Einstellung Rückspülung in: 2 Month(s). Includes a 'Delete' button.

將 JUDO 產品與應用程式連接



遠程控制已啟用



The screenshot shows the JUDO JU-Control web interface. The browser address bar displays the URL: <https://www.ju-control.app/?knmtoken=68ae7fa0aa26f7a29aa0b8b89ca138a2&judotoken=728ed442f582b82984c8b89aa0a14c4447a8b78eee78c87e58bb7a14208eb7aa&username=Jtmosebach>. The page header includes the JUDO logo and navigation links: Locations, Devices, List of events, Operating instructions, Service, Privacy statement, and Imprint. The user is logged in as Jtmosebach, Administrator. The main content area displays the following settings:

- Battery operating time: 0 hours 0 minutes
- Water scenes: [Dropdown menu]
- Operation: [Dropdown menu]
- Settings: [Dropdown menu]
- Language: German
- Desired water hardness: 6 °dH
- Water scene hardness: [Dropdown menu]
- Water scene time: [Dropdown menu]
- Leakage protection: [Dropdown menu]
- Small leakage test: [Dropdown menu]
- Salt storage: 70 %
- Unit water hardness: °dH
- Info: [Dropdown menu]
- Water consumption diagram: [Dropdown menu]
- Operating data: [Dropdown menu]



REST-API

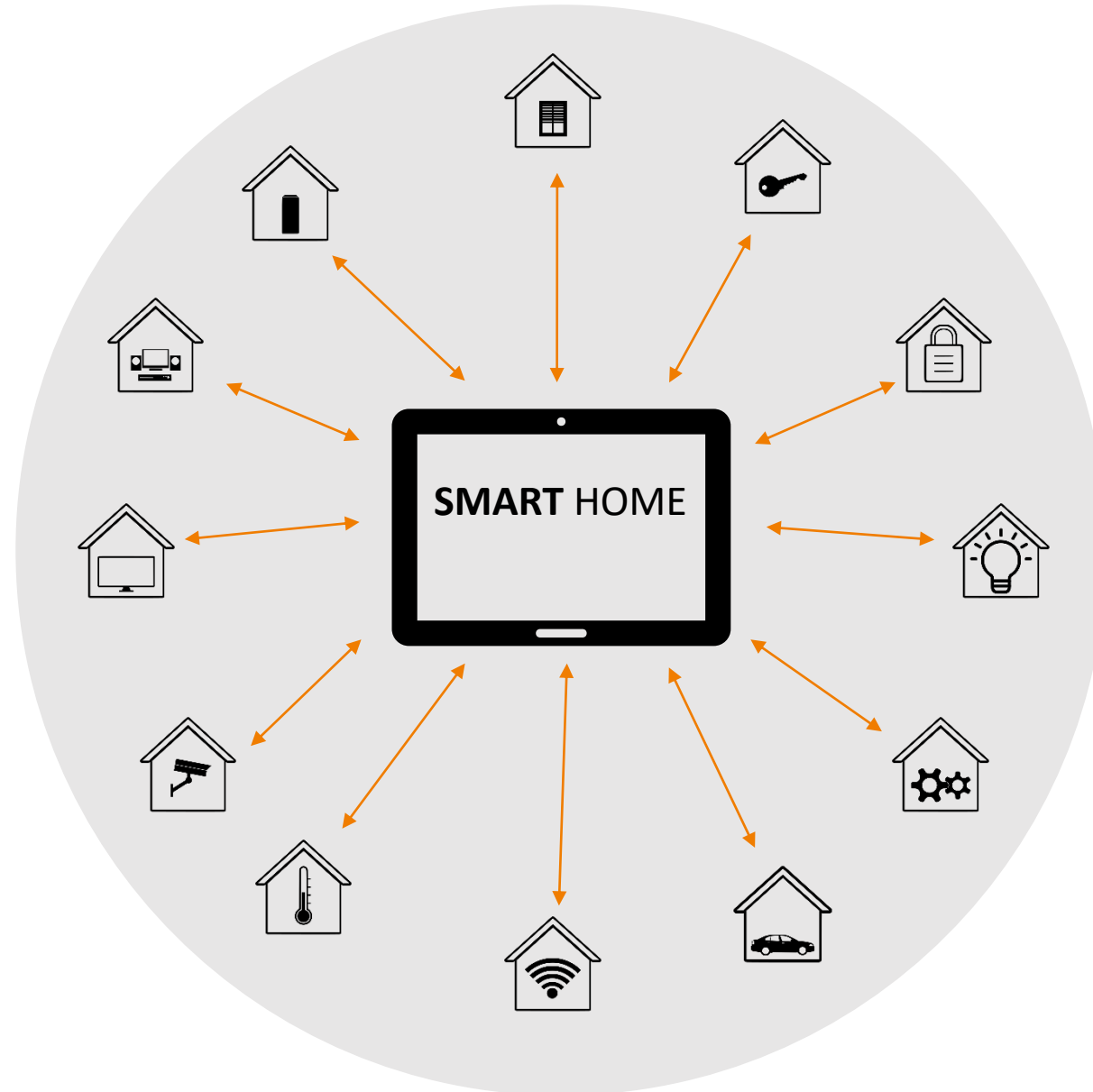
- REST-API 是一種標準化的應用程式介面，允許使用者直接與設備通信。
- 協議定義和指令描述了通信的可能性。
- 通過網路進行通信，可以通過WiFi或LAN進行整合。
- 直接在智慧家居系統中進行實施。



REST-API 樣板

- 顧客離開家時，將智能家居設置為「遠行模式」：
 - 啟動警報系統
 - 關閉窗戶
 - 軟化水器切換到「假期模式」
 - 廚房能源停用
- 太陽出現，光伏系統產生額外能量，因為電池已充滿：
 - 程式設定的洗衣機開始洗衣
 - 軟化水器切換到「洗滌模式」

REST - API





Thank you very much for your attention