250424 V POWERMAX - Discussion

👥 Organizer	🦪 BallSK
☰ Category	Presales
↗ TPP Team	🍹 New TPP, 🍹 Kim TPP, 🍹 Joe TPP, 🍷 Ball TPP
◷ Created time	@April 24, 2025 4:48 PM
↗ 📕 Vendor	PWM Piyawut (พี่ปู)
↗ 📙 TDB00 - Appoint	V POWERMAX - Platform discuss
№ ID	185
↗ Pxxx	🎇 P601 - TUC DIGITAL CABINET LOCK 2000 SITE
⁑ MM Status	Done
◌ u Appoint Date	24/04/2025 16:00

MOM 250424

1. **Training & Dismantle equipment date**
   a. Date&Time: Wed 30/4/2025 9:30 AM
   b. Location: https://maps.app.goo.gl/XLDbD6JSXW1xCrwPA?g_st=com.google.maps.preview.copy
   c. Objective: Training
      i. Equipment & Installation working
      ii. Software working
      iii. Problem & Action

2. **Overall Procedure:**
   a. Preparation
      i. User sign up on web
   b. 1st on-site Installation
      i. Visit site
      ii. Install cabinet lock + controller + wifi hotspot (Temporary solution)
      iii. Config to TPP external server (TPPex)
      iv. Test
   c. During working (Temporary solution)
      i. Normal >> use web concept
      ii. Emergency >> pending??
   d. Migration to TRUEDC (Permanent solution)
      i. (Internal: TPP move database from TPPex to TRUEDC) * Need proof test between Andy & TMA
      ii. Re-visit site
      iii. Installation: unlock by web (TPP external server)
      iv. Installation: plug lan cable 'controller ←→ switch CPE'

v. Controller: go to web/connection way, set to 'LAN'

vi. Controller: go to web/connectivity, set MQTT, etc

vii. Controller: check whether 'host connected' or not?

viii. Controller: check detail site whether correct or not? site id, lat, long, etc.

*Step can changeable after visiting site

3. **Web server concept**

Process	Parameter	Parameter	Parameter	Parameter	Parameter	Parameter	Parameter
1. Sign up							
Register	company	First name	Last name	Thai ID no.	Mobile	Email	Name (คนของบริษัทที่รับผิดชอบในการ verify)
Verify by TPP	Check data	Call to Company verify PIC	Gen auto password	send to user email (คนของบริษัทที่รับผิดชอบในการ verify)			
2. Action							
Install	site id	device id	location LAT LONG	**Connectivity Local IP MQTT NTP**	Host connection result Connected Error	Connection Way (Manual) LAN Wifi (Default)	
Request PWD	site id	start	end (4hrs default)				
Unlock by PWD	Password + Link on email						
Emergengy	Pending						

4. Issue

a. Features: POWERMAX ไม่มีแจ้ง สถานะตู้เปิดค้าง (หมดเวลาPlanwork ตู้ไม่ปิด)

b. Server Port: ยังไม่มีการ Discussion แต่ทาง POWERMAX มีแจ้ง port ที่ต้องใช้มาแล้ว

i. Detail: ข้อมูล Platform POWER MAX

🔌 Database
3306 → MySQL connection

📡 MQTT (EMQX)
1883 → MQTT TCP (ทั่วไป)

8883 → MQTT Secure (MQTTS)

8083 → MQTT over WebSocket (WS)

8084 → MQTT over Secure WebSocket (WSS)

8081 → EMQX Dashboard (HTTP)
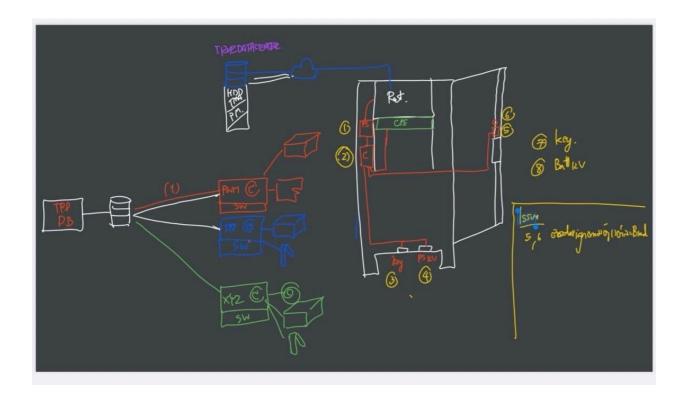
18083 → EMQX External Dashboard (HTTP)

🧠 Node-RED
1880 → Node-RED Editor

💼 Backend API
3000 → Node.js Express REST API

🌐 Frontend
80 → Nginx serving Ionic app (public site)