

Embedded Systems Laboratory

Escape Room Puzzle #2 – Time will guide you

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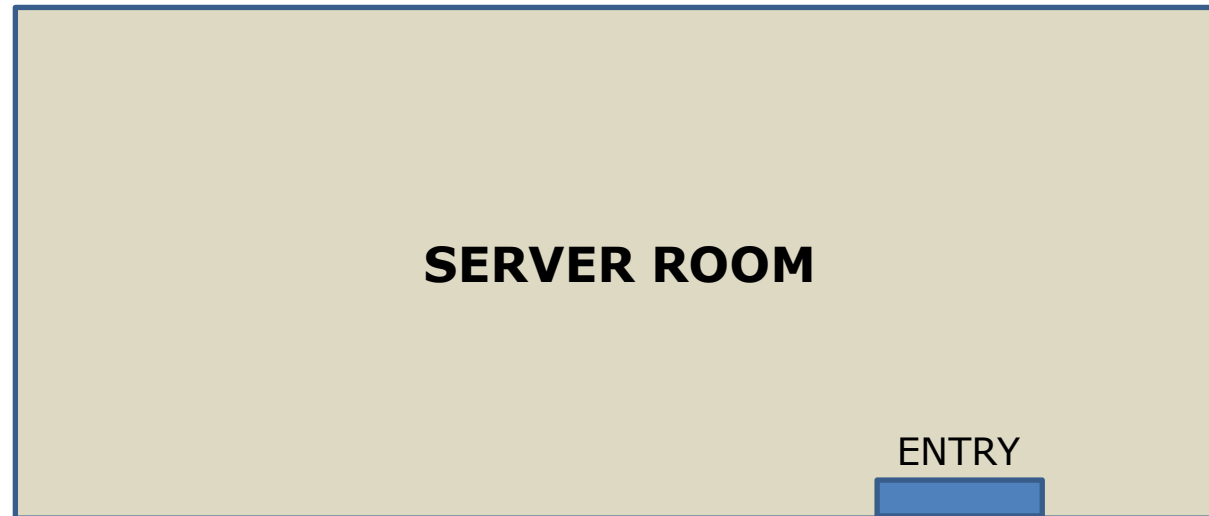
Story Line!

- **SOLAR STORM has occurred!**
 - Hard Shutdown
 - Emergency system turns on
 - Control Systems malfunctioning
- **Main goal**
 - To get access to the MCB distribution
 - Get inside the server room and upload the control software in the server

The Puzzle

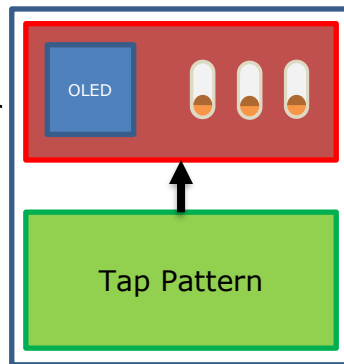
- **Get access to the server room**
 - Server room is password protected
 - The server room emergency power systems have limited resources and can power up only the system. One wrong switch will drain your power system
 - The power system switch boards are protected by a Tap-Tap pattern guide by the "Time"
 - Once you get **access to the MCB distribution**, solve the puzzle displayed in the OLED display to get the correct order of the switches that has to be turned on in order to get inside the server room

Use case scenario



Switch board to
power on the server

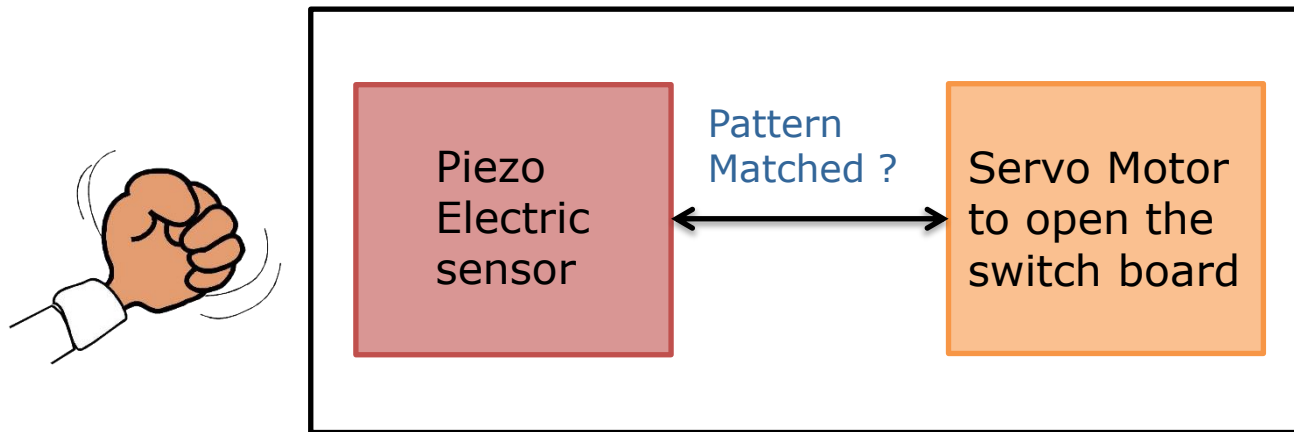
Time will guide you



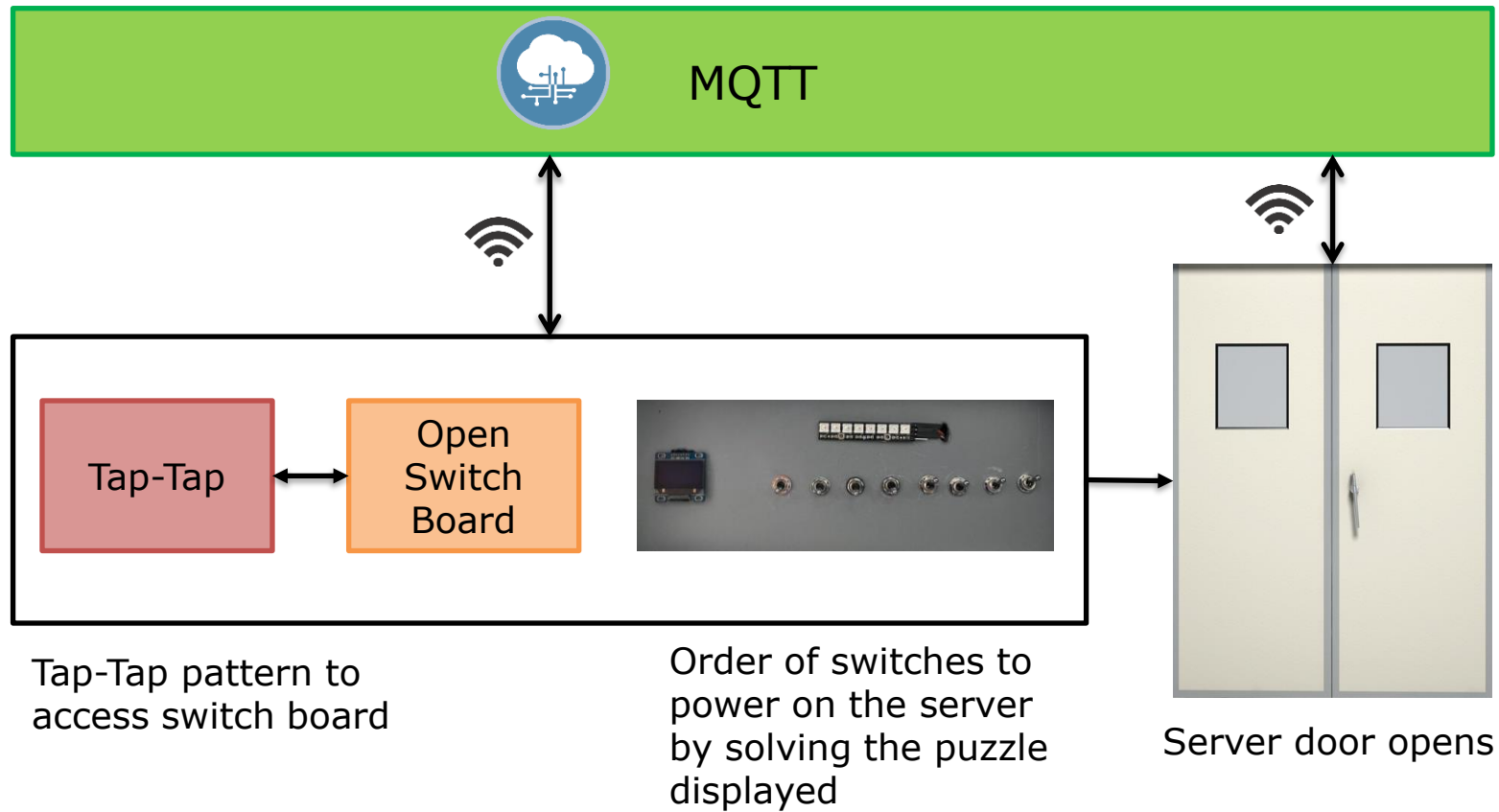
How to solve the puzzle ??

- **Get access to the MCB distribution board**
 - Time will guide you
 - Use the hints given by the previous puzzle and get the Tap-Tap pattern
 - Tap-Tap to get to the switch board
- **Turn on the switches in right sequence**
 - The OLED Display will display a puzzle in order to get the right sequence of switches. The right sequence will get you to the server room.
 - **Hint:** Have a good vocabulary!

Tap Pattern



System Overview



Thank You !!