

Embedded Systems Laboratory

Escape Room Puzzle #2 – Lights will guide you

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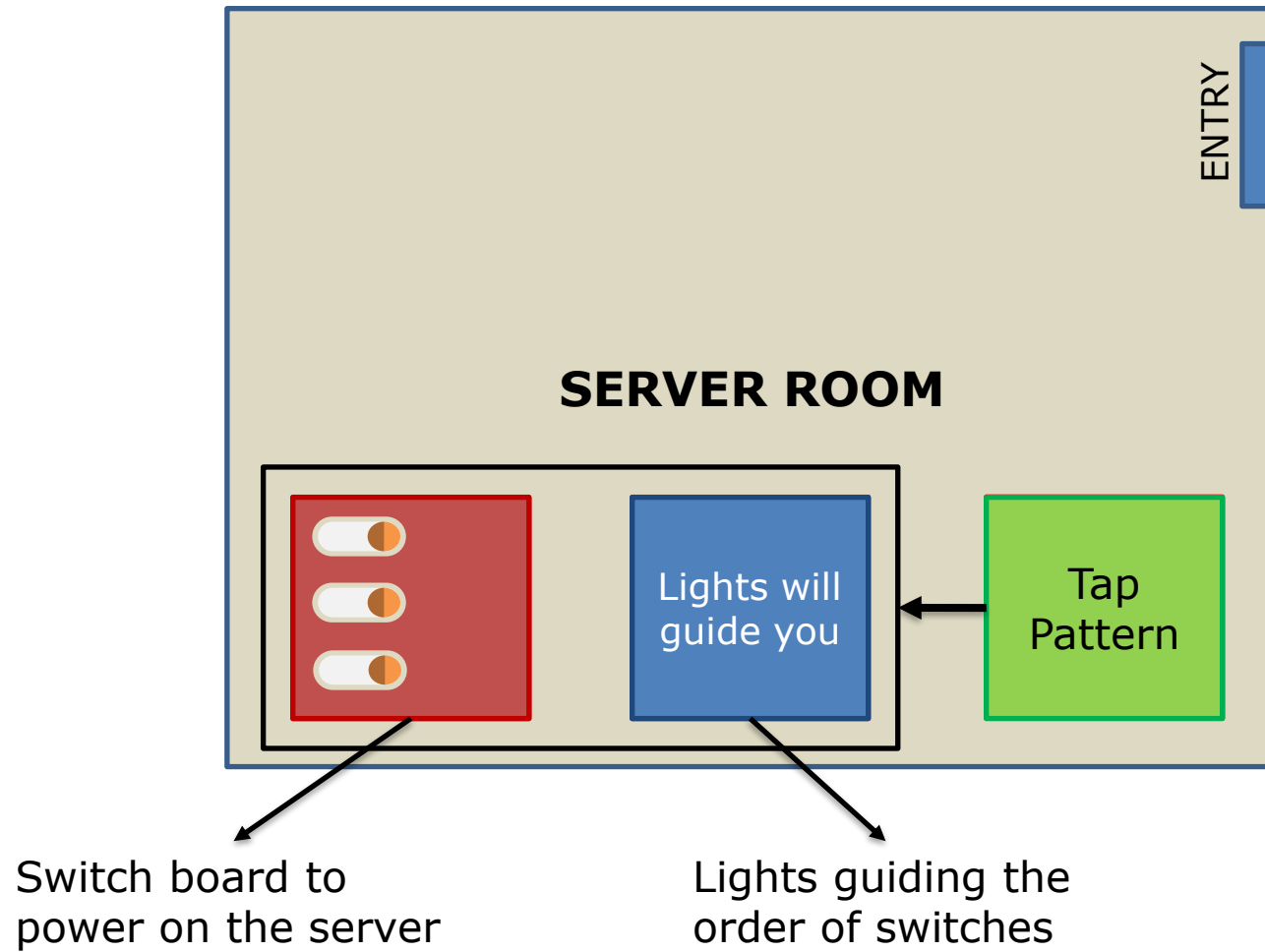
Story Line!

- **SOLAR STORM has occurred!**
 - Hard Shutdown
 - Emergency system turns on
 - Control Systems malfunctioning
- **Main goal**
 - To get access to the MCB distribution
 - 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
 - Once you get **access to the MCB distribution** the “Lights will guide you”

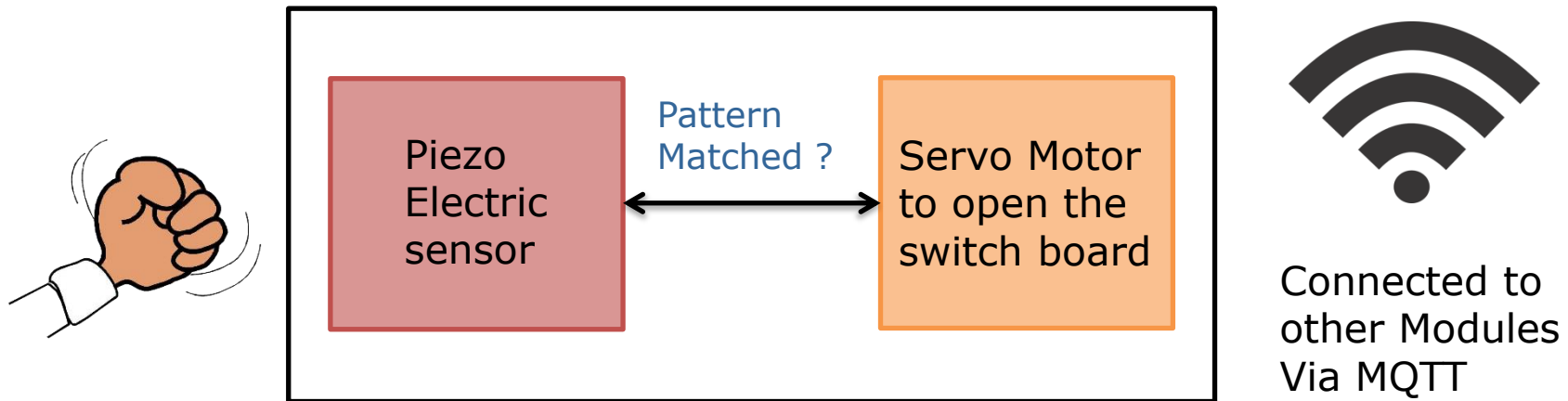
Use case scenario



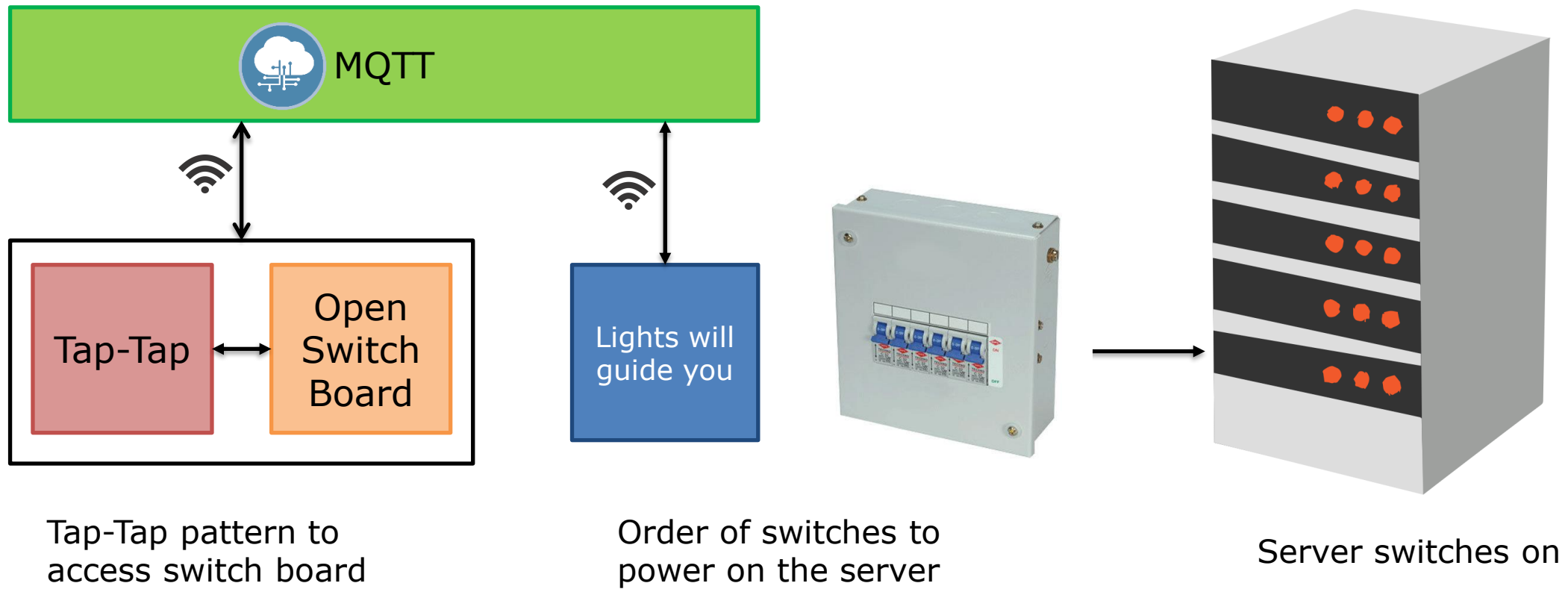
How to solve the puzzle ??

- **Get access to the MCB distribution board**
 - Solve a riddle to get the Tap-Tap pattern
 - Tap-Tap to get to the switch board
- **Turn on the switches in right sequence**
 - Lights will guide you
 - **Hint:** The lights will give you the order of the switches that has to be turned on to power up the server

Tap Pattern



System Overview



Thank You !!