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# How to control relays of the IP BOLD65 doorphone via http command remotely?

**IP BOLD65 has been designed for all-year outdoor use for industrial and unprotected areas**

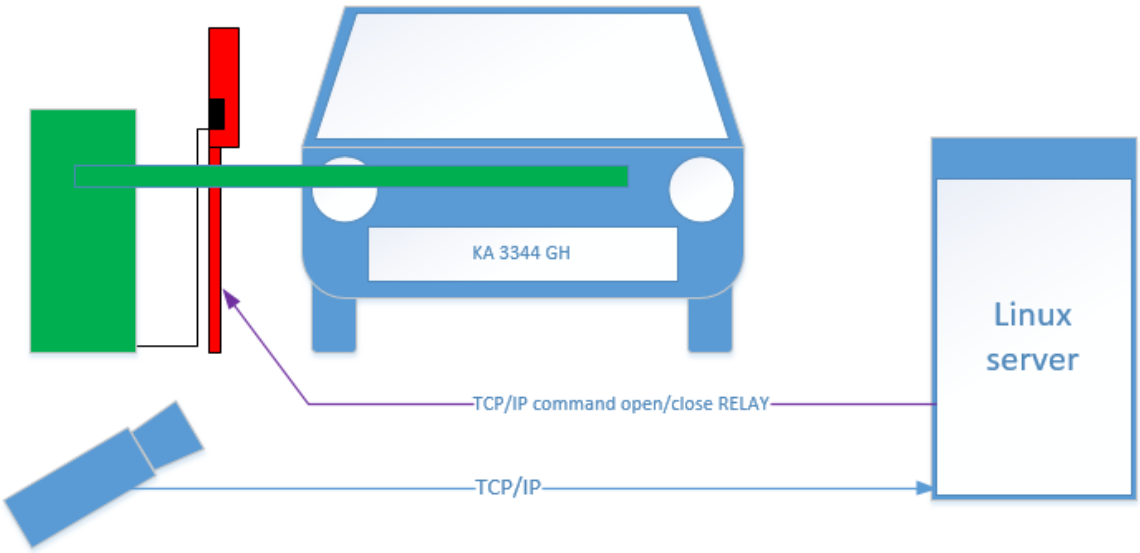
**In cooperation with 4sec d.o.o.**

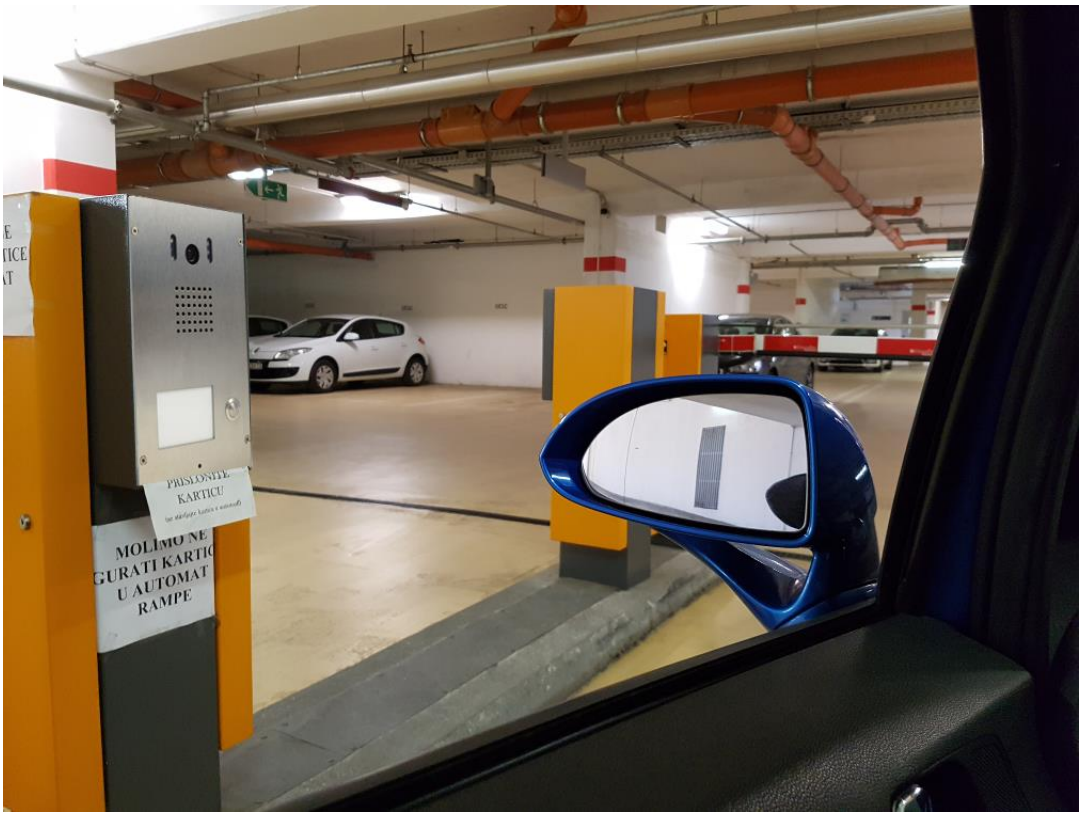
IDEAS
CREATE
REALITY

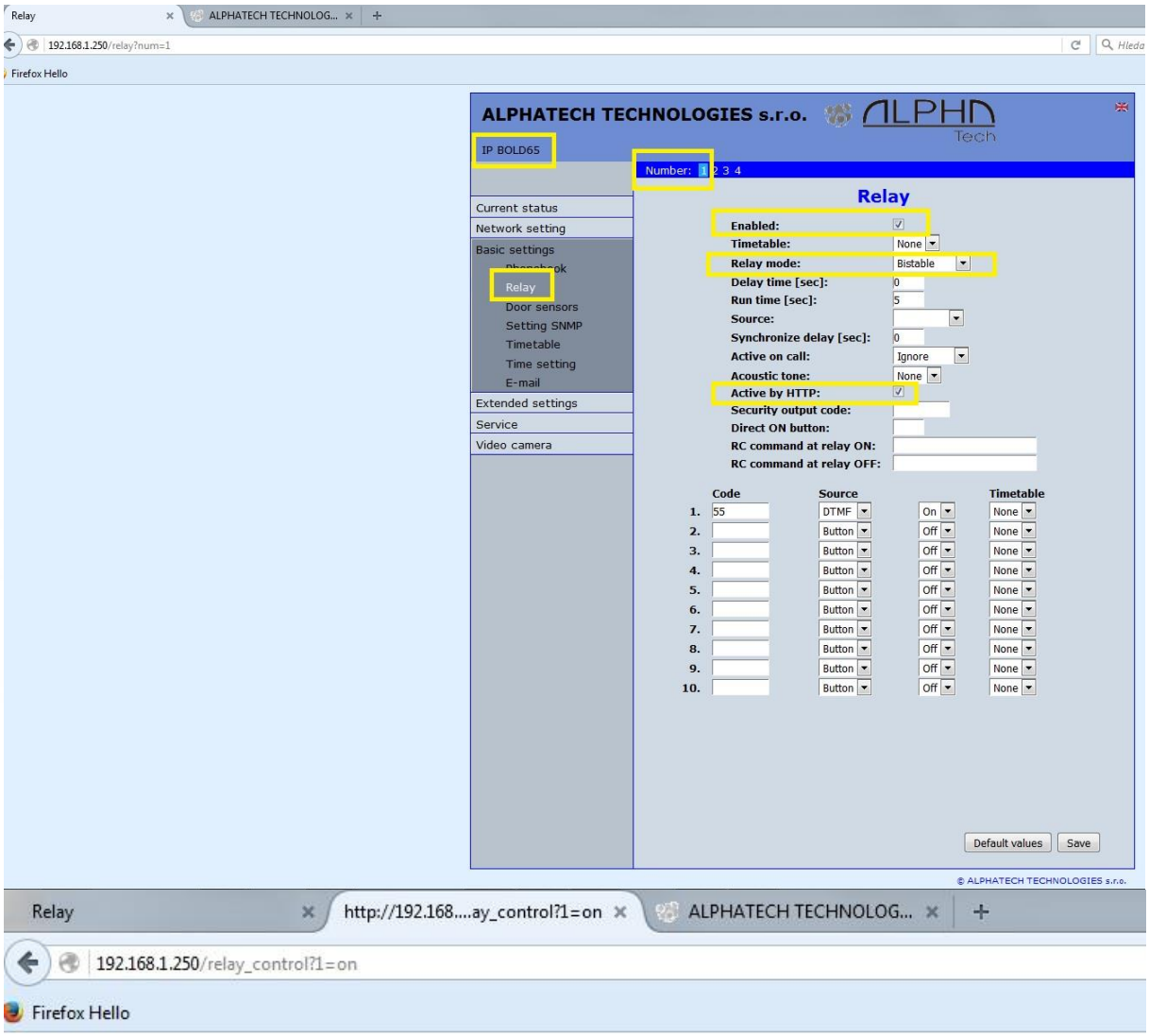
A partner of ALPHATECH TECHNOLOGIES s.r.o., **4sec d.o.o. company**, have developed a system reading car plates via a surveilance camera. Depending on the car plate´s number, the system decides if the car is allowed to enter the car park or not.
Example: a car park or a parking garage with a standard ramp / gate. An IP doorphone, the IP BOLD65, is needed to lift the gate and let the car pass through. The Linux server needs to control the relay contact of the IP BOLD 65 doorphone remotely to lift / open up or close down the gate. Aditionally the IP doorphone also serves as a voice / video connection to the operator in case there is a problem with primary entry system or if the car plates are not in the database.

**Task to realize shown on the figure below:**

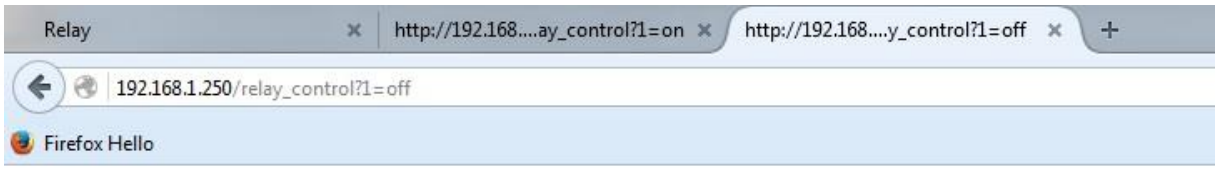
1. The Linux server talks to the IP camera and decides when it needs to lift up the ramp / gate (green)
2. The Linux server sends the http command (purple) to IP BOLD65 door phone (red)
3. IP BOLD65 door phone (red) receives the http command from the Linux server (blue) and opens/closes the relay (black)
4. When IP BOLD65 receives http command to change the relay´s status to ON/OFF (black), the relay (black) changes its status based on this http command and the ramp/gate lifts up or goes down.






**http://192.168.1.250/relay_control?1=on**




**http://192.168.1.250/relay_control?1=off**