

IoT Button use cases

A small collection of real and fictitious scenarios in which the IoT button could be used.



Service call

Button is attached to a machine. Machine operator can call the maintenance technician in case of failure/problems.
Sent info to service technician could be: `Machine X in Hall Y, Band Z has a problem.`

Call for help or call specialist

Button is mounted in a spacious sales room. Customer can request a seller if needed.
Sent information to sellers could be: `Customer in the area of TV (Button X) needs support.`

Simple order

Button triggers a simple (re)order when pressed. Always the same material, always the same amount.
Sent info to logistics could be: `Assembly line X needs material Y.`

Time tracking

Button is fixed. Security staff presses the button after each watch round.
Sent info to supervisor could be: `Guard round in building X, floor Y at Z (time) started/ended.`

Time tracking 2

Mobile Button starts personal time tracking for a project.
At the first press (pulse), the time recording starts, the next press, with the same command, stops the time recording.
Sent info to system could be: `PULSE to personal time tracking file.`

Bid at auction

User has Button mobile in the auction room with him. Press sends bidding process with standardized rating.
Sent information to the auctioneer could be: `Customer X (Button X) offers Y (time) 500 EUR more than the previous highest bid.`

Check current status

Button is fixed. Supervisor pushes the button as needed on site inspection.
Sent info to system could be: `Display current production load/production numbers to screen/printer X in hall Y for 2 minutes.`

On/Off or home automation

Mobile button opens/closes certain doors, lowers/raises shutters, switches light on/off in apartment/office/company.
At the first press (pulse), the roller shutter moves down, the next press, with the same command, causes the shutter to be raised.
Sent info to system could be: `PULSE to shutter X.`

Quality management

Customers can rate when leaving the hotel / restaurant / WC if they were satisfied with the service.
Sent info to system could be: `Positive Rating: Clean WC.`

Countdown

Mobile button starts a defined countdown. Feedback takes place on displays, smartphones, etc.
Sent info to system could be: `Start countdown for maintenance process X.`
System reports at defined intervals e.g. E-mail back to user: `Y days remaining until maintenance process X at customer Z.`

Panic button/emergency button

Mobile button is worn by the user on the body. In need/in an emergency, the button triggers a corresponding call for help.
Emissary info to the nurse on duty could read: `Patient X in room Y needs urgent help.`

Clear/Reset/Zero

User starts an automated reset of machines/systems that have been misaligned/misaligned during the day.
Sent info to the system could be: `Delete all entries in today's list.`
Sent info to the system could be: `Shutdown and restart all PCs controlled in the LAN.`

Task done

User sends info that a defined process has been processed/terminated, e.g. cleaning person confirms that room X is cleaned.
Sent info to the system could be: `Meeting Room X in Building Y is clean and can be booked again for meetings.`