

CONTACTLESS ELEVATOR CONTROL SYSTEM WITH ELEVATOR PASS



Innovative QR code technology for contactless operation and navigation avoids the spread of germs and increases passenger safety.

As the SARS-CoV-2 virus is still active worldwide, it is important to ensure that elevators used by millions of people every day remain a safe and efficient method of transportation. Elevator surfaces, buttons and handrails are particularly prone to attracting viruses and bacteria and therefore warrant special attention. In addition to implementing social distancing rules, limiting elevator use to one person at a time and wearing personal protective equipment, the contactless use of the elevators significantly reduces exposure to the risk of infection.

What is it?

Elevator pass, our contactless call system, allows the user to operate the elevator without touching the buttons, to call the elevator and select the destination from the landing. Passengers can either use their own mobile or simply a printed pass with a QR code to navigate the elevator.

- Works offline
- Universal: with/without mobile, with/without app
- Easy to install and convenient, one interaction to reach your destination

 Contact

www.tkelevator.com

How does it work?

There are 3 simple scenarios available for contactless operation of the elevator.

Scenario 1: Using the TK Elevator app

This scenario is particularly suitable for owners or tenants of a building who use the elevator regularly. Once the user has installed the app, the solution can work offline (no need to have access to WIFI or to a mobile network).



- 1 User selects the destination floor
- 2 The app automatically creates a QR code that can either be sent to another contact via SMS, WhatsApp or email, stored in Apple wallet or Google Pay apps, or saved on the phone
- 3 In the landing, the user holds his or her mobile phone against the QR scanner
- 4 The system automatically generates the call to the destination both on the landing and in the COP. When entering the cabin, there is no need to select the floor a second time.

Scenario 2: Mobile scenario without TK Elevator app

The second scenario is mainly intended for visitors or guests who do not use the app. Via the app or a dedicated web platform, a resident or concierge in an office building or hotel, for example, can generate QR codes that are needed to travel within the building and send them via mail, SMS, or whatsapp to guests and visitors. Guests can then save the QR codes on their phones or put those QR cards in their Apple wallet app (as with airline boarding passes) or in Google Pay. On the landing, the user holds his or her mobile phone against the QR scanner and the system automatically generates the call to the destination.



Concierge or resident generates QR code using web platform or app

QR code is sent to the guest's mobile device

Guest saves QR code on phone/in digital wallet

On the landing, the user holds his or her mobile phone against the QR scanner

Scenario 3: Solution without mobile device

The solution also works without an end user's mobile device. Especially for older passengers or occasional visitors, it is possible to print QR codes on cards and use them just like a boarding pass at an airport gate to get to the destination floor.

