# EP. P1 HIGH LEVEL LIFT INTEGRATION

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■ Entrypass Platform1 High Level Lift Integration is smart elevator tailored solution for elevator system manufacturers to provide state-of-the-art elevator access control functionality. The communication backbone between Entrypass Platform1 High Level Elevator Integration and Elevator Systems manufacturer can be tailored by utilizing major communication protocols like Serial and TCP/IP based systems.

## Reduce queue time at peak hours

Reducing the overall queue time from the moment a visitor / tenant enters the building to reaching their destination.

## Integrated access control

Proper visitor / tenant access control can be implemented within a building where elevators will only stop at floor(s) they are authorised to access, ensuring only trusted person remains in an area.

## Shorter travelling time

Respond to passengers' request to travel to a particular floor using multi-elevator installations, which separate them into smaller groups first before assigning them to designated elevator cars, thereby reducing waiting and travel time.

## Contribute to energy saving

Being a part of elevator manufacturers' energy saving plan by allowing timely flow of elevator call requests from Entrypass's controllers to Elevator Control systems for traffic management.

## Contribute to passenger comfort

Depending on level of service requirements by building owners, timely call requests will be sent from TCR and HCR to elevator control system so that the elevator control system can determine the optimum number of pasenger in an elevator car to prevent overcrowding.

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Entrypass Platform1 High Level Elevator Integration consists of several core components (hardware & software based):

■ **Turnstile Call Reader (TCR) / Hall Call Reader (HCR)**

Turnstile Call Reader (TCR) is a controller, based upon the standard Entrypass Networked Elevator Controller with 7" Entrypass Display Module (EP.DM) built in. The primary purpose of TCR is to authenticate visitors / tenants at TURNSTILE. While HCR authenticate visitor / tenants at ELEVATOR LOBBY and to register a cardholder's "default" floor settings to an elevator controller. When the visitor / tenant is registered with the elevator controller, the elevator controller will return a "result" (ie. the designated elevator car number / letter) and this result will be displayed on the TCR's 7" Entrypass Display Module (EP.DM).

■ **Entrypass Integration Gateway (EP.IG)**

Entrypass Integration Gateway is a controller, based upon the standard Entrypass Networked Access Controller. The primary purpose of EP.IG is to monitor the operational status all TCR/HCR and to serve as an automated backup requester when all HCR on the same floor has failed/unavailable for card holders to request registration. At the current moment, EP.IG is designed to support a combined total of 100 units of HCR/TCR.

■ **Entrypass Platform1 Server (EP.P1)**

Entrypass Platform1 Server (EP.P1) is an important application that will serve the following purpose in Entrypass Platform1 High Level Elevator Integration:
1) To configure, manage and monitor all of the above mentioned hardwares.
2) Serve as a point for visitor / tenant information registration.
3) To configure security / access control protocols for each and every visitor / tenant.

**Ordering Information**

| | |
|---|---|
| EP.P1.TEIM | Entrypass Toshiba Elevator Integration Module |
| EP.P1.KEIM | Entrypass KONE Elevator Integration Module |
| EP.P1.OEIM | Entrypass OTIS Elevator Integration Module |
| EP.P1.HEIM | Entrypass Hitachi Elevator Integration Module |
| EP.P1.AEIM | Entrypass Antah Schindler Elevator Integration Module |
| EP.P1.MEIM | Entrypass Mitsubishi Elevator Integration Module |

Note: Please contact sales representative to find out more info on elevator integration module

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