

# ENTRYPASS PLATFORM1

## HIGH LEVEL LIFT INTEGRATION MODULE



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.



**Shorter travelling time**  
When passengers select their destination floor on the HCR before entering the elevator lobby area, that information will be relayed to the elevator control system to assign a suitable elevator car that is travelling within a specific range of floors. To minimise travelling time, the passenger will be guided directly to that dedicated car by HCR or TCR.



**Contributing to passenger comfort**  
By selecting their destination floor on the HCR before entering the elevator, passengers do not need to struggle through a crowd to press a button inside the elevator car. And because passengers know which elevator they are supposed to enter, they can take their time walking to their assigned elevator.

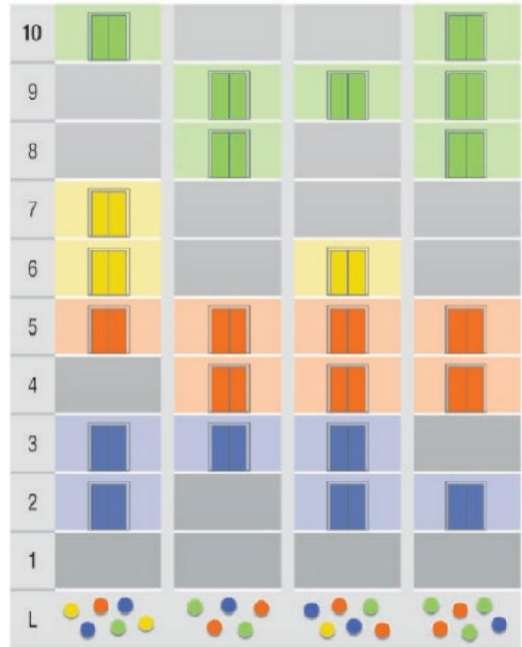


**Integrated access control**  
To provide a seamless experience to passengers moving through secured areas utilising a single credential, Entrypass Platform1 High Level Lift Integration can be further combined with our wide range of access control systems and applications to create a unified secured enclave.

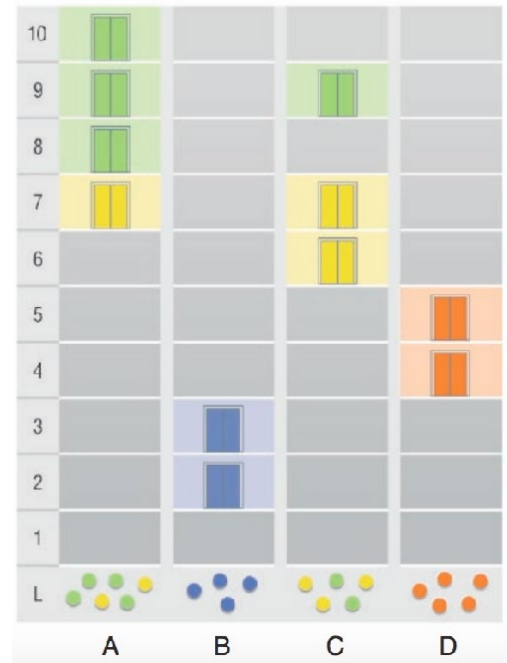
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## Conventional Elevator System



## HLL - Destination Control System

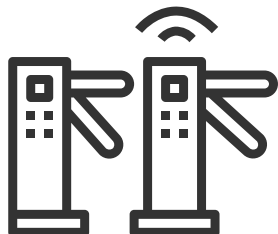


Picture shown is for illustration purposes only. Actual products may vary due to product enhancement.

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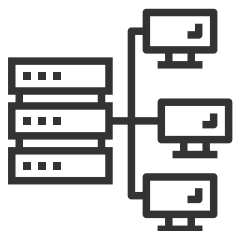
## HIGH LEVEL LIFT INTEGRATION MODULE

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) and Hall Call Reader (HCR) 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 authenticates visitor / tenants at ELEVATOR LOBBY by registering a cardholder's "default" floor settings to the 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 or HCR'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 hardware.
- 2) Serve as a point for visitor / tenant information registration.
- 3) To configure security / access control protocol for each and every visitor / tenant.

\* Ordering information is subject to elevator manufacturer brand, please contact Entrypass Corporation for further detail.



[www.entrypass.net](http://www.entrypass.net)

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