

Security Expert and ThyssenKrupp Elevator Systems

Security Expert is not just limited to controlling access through doors. Many buildings have elevators that also require access to individual floors to be controlled. Integrating Security Expert with a ThyssenKrupp elevator system provides a complete multi-floor access control solution, increases building security, and improves the flow of people within a building.

Key Advantages

- Effectively manage tenant and visitor access throughout your building
- Highly cost effective by significantly reducing installation and running costs
- Provides an accurate, searchable audit trail of the floors a user has accessed
- Reduces tedious data entry and administration time as you no longer need to manage and update two separate user databases
- No disruptions to the end user experience

High Level Integration

High Level integration significantly reduces your overall installation and running costs. Without the need to wire relays and inputs between the two systems, the need for additional hardware is minimal.

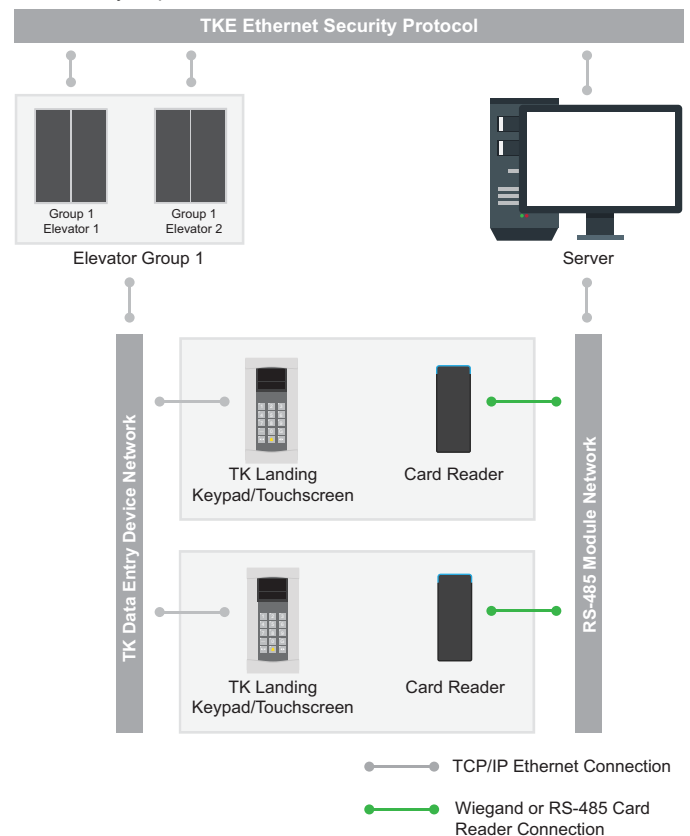
Most modern elevator systems provide a destination based dispatch solution where a passenger presents their card to a display panel inside or outside the elevator and selects their desired destination floor. Security Expert verifies that the cardholder has the required permissions to access the floor (through access levels, schedules, or area status) and grants or denies the request.

When a cardholders request is verified, the elevator system directs them to the elevator that will provide them with the shortest travel time to the floor.

By grouping all passengers to specific elevators, the number of floor stops for each passenger is minimized and overall congestion is reduced, especially during peak traffic.

How it Works

Integration with ThyssenKrupp destination based elevator systems allows access to elevators and floors to be controlled directly from the Security Expert interface.



Supported Features

- **Destination Control:** Access to floors is determined by the access levels within Security Expert. Access is also controlled by the operating schedule assigned to a floor and the armed status of an area located within the floor
- **Event Logging:** All elevator access events are logged within Security Expert providing a full audit trail.
- **Destination Dispatch:** The elevator system groups passengers together based on the floor they are traveling to, reducing the number of stops required and improving the flow of traffic.
- **Override Access:** Use Security Expert to manually override the state of a floor to restrict or grant access outside of the programmed schedule (such as allowing access for a courier).
- **Hardware:** ICT card readers are used to facilitate access control and can be located within an elevator car or on the floor linked to a ThyssenKrupp landing keypad or touchscreen.
- **Rear Elevator Access:** Access for rear elevator doors is configured independently of front facing elevator doors.
- **Communication:** The Security Expert server communicates with the ThyssenKrupp system using TCP/IP.

Licensing

Integration requires a Security Expert ThyssenKrupp Elevator HLI interface license (applied to the server).

Order Code: SX-ELV-HLI-TK