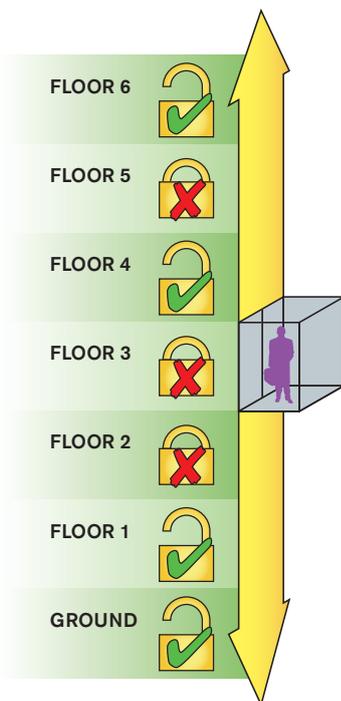# LIFT / ELEVATOR ACCESS CONTROL

Networking & Stand-alone
Lift (Elevator) Keypad/Proximity
Access Control System

- Card, Token or Code floor access
- Programmable up to 32 floors
- RS 485 port for PC Host
- 12 volt power supply
- User friendly programming
- Options for higher buildings
- Built-in Anti-Lockup Watchdog
- Event log
- Wiegand technology

The Soyal Lift (Elevator) Access Control System from Raytel Security Systems operates by using one of a range of input devices, e.g. keypad or proximity reader connected to a controller to limit user access to a specific floor or floors in a multi-story building.

FLOOR 6
FLOOR 5
FLOOR 4
FLOOR 3
FLOOR 2
FLOOR 1
GROUND

RAYTEL SECURITY SYSTEMS
helping to make communities safer

Networking & Stand-alone Lift (Elevator) Keypad/Proximity Access Control System

A keypad controller is connected via a TTL/RS 485 converter, type **AR-829L485** to a maximum of two 16-way relay output modules, type **AR-401R016**. The cards/tokens are then programmed into the controller, either via the controller keypad or via a PC. For large numbers of cards/tokens, PC programming is recommended. The controllers each have a host connection that can be connected via an appropriate converter (RS232, USB, GSM or TCP/IP) to a PC.

For code only access, the robust, stainless steel controller, type **K50** is recommended for mounting in the lift. Entering the appropriate code will enable the correct lift button(s) for that particular user.

For card or token access, one of three types of reader, **AR-737HB-RAY/2**, **AR-737U** or **AR-721U** would be mounted in the lift for passenger use. The reader would be connected to a controller **AR-727H** (with display) or a controller, type **AR-721H** (no display) concealed nearby for access by a lift engineer only.

Small quantities of tokens can be added or deleted directly from the controller keypad. The **K50** can also be used as the concealed controller with these readers.

For buildings with more than 32 floors, controller type **AR-829E** could be used with up to a maximum of four 16-channel relay output modules to give access to a maximum of 64 floors.

All of the controllers have event logs capable of retaining 1200 events for up to ten years.

AR-829L485

AR-401R16

K50i Series

AR-737HB-RAY

AR-737U

AR-721U

AR-727H

AR-721H

AR-829E

System Architecture

PC - Optional
(Recommended for the programming of large numbers of Cards/Tokens)

Converter
(RS232, USB, GSM or TCP/IP

TTL   Converter   RS485

16-way Relay Output Modules

Keypad Controller

Proximity Reader

Lift Buttons

Lift Car