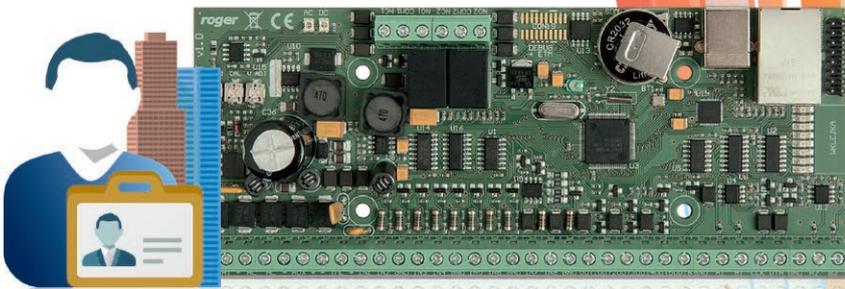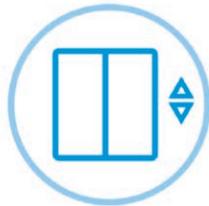# RACS 5

Access Control
and Building
Automation System

Integration with KONE DCS Elevators System

KONE Elevator
Integration

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Intelligence for Building

Integration with KONE DCS Elevators System

The RACS 5 system enables the implementation of access control in KONE DCS elevators with KONE group elevator controller (KGC). Two scenarios for RACS 5 and DCS systems operation are available. Based on ELI protocol user can choose destination floors in accordance with previously assigned access rights or based on RCGI protocol the system automatically assigns elevator to user to take such user to destination floor according to previously assigned access rights.

In each of the mentioned scenarios, an access terminal (usually proximity reader) is used to identify the user calling the elevator. Such readers can be installed both inside the elevator (the COP variant) and outside it (the DOP variant). It is also possible to install the reader in the elevator control panel. The access rights to particular floors are defined in the same way as access rights to doors including among others schedules, calendars, exceptions and special access modes such as unlocked mode, locked mode or emergency access modes. The elevator call is made with user identifier and it enables to distinguish elevator call type (personal lift, goods elevator, etc.).

The configuration of floor access rights is possible with RACS 5 system management software (VISO). The MC16-EVK controller and the MCI16-EVK communication interface which acts as a gateway to the elevator management server are required for integration with the KONE DCS elevator system. The MC16-EVK controller supports 128 floors. The integration with KONE DCS system is available in the licensed version of the VISO EX management software.

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