# WatchNET Access Control System High-Level Interface with Kone Elevator

# Integration of KONE Elevator with WatchNET Access Control System

When there is KONE in the building for the elevators, interface to WatchNET Access Control System is easier to do with WAS-KONE-INT Module. This will ensure that all elevator features provided by KONE will be available, like e.g. priority calls, disability features, special profiles.

WAS-KONE-INT Connectivity works with all elevator control systems and makes it possible to have also turnstile integration and direct home floor call feature.



**Card reader in Car Operating Panel (COP)**



**Card reader in Destination Operating Panel (DOP)**



**Direct home floor call feature can be activated when Destination Control System and turnstiles are integrated.**

- KBM: GCAC - v1.8, RCGIF - v1.12 (API:v8.5 and TCP/IP interface)
- Support Traditional Destination Control System (DCS)
- Support Hybrid Destination Control System (DCS)
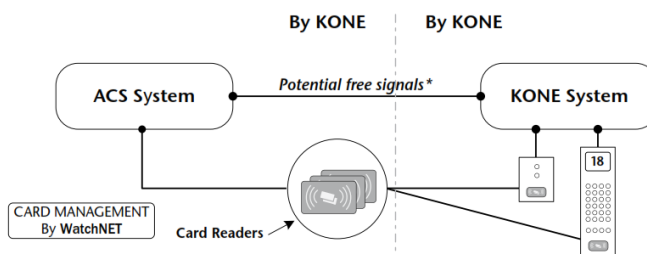- Support Conventional Elevators
- Support Turnstile Integration

# Kone Elevator Integration with WatchNET Access Control System

WatchNET Access Control system integrated with the KONE elevator system. The card readers can be installed in KONE elevator calling devices such as the COP or DOP.

**Conventional Elevators**

### Interface with Potential Free Contacts

WatchNET Access control system can be integrated using a potential free signal interface. In this case potential free signals from the access control system are connected to the elevator
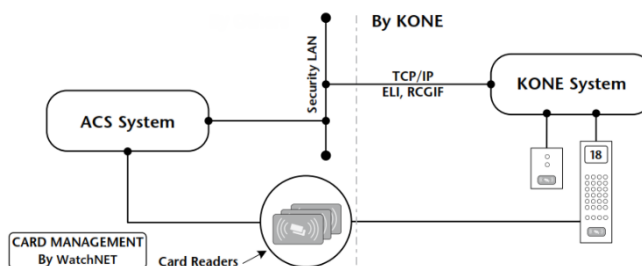
**Traditional Destination Control System (DCS)**

### TCP/IP interface

Conventional elevators can be integrated using a TCP/IP interface to the WatchNET Access Control System. This interface supports card readers in the Car Operator Panel (COP) only.
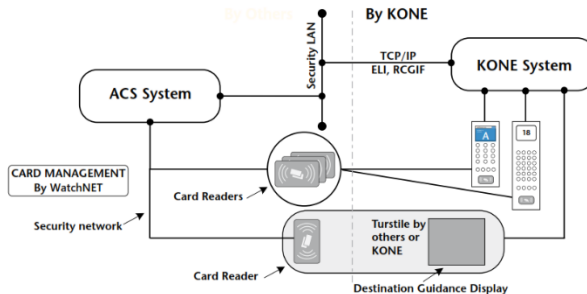
## Hybrid Destination Control System (DCS)

### TCP/IP interface

When a hybrid DCS is used, the calls are given from the Destination Operating Panel (DOP) and Car Operating Panel (COP). For this reason, the card reader is integrated with the DOP and COP. Turnstile integration can be done to activate direct home floor call feature when a person passes through it.



**Server Infos**

| Group Mode | ☑ Connect to Group 1 | | ☑ Connect to Group 2 | |
|---|---|---|---|---|
| KONE Server IP1 | 192 168 1 13 | KONE Server IP4 | 192 168 1 16 | |
| KONE Server IP2 | 192 168 1 14 | KONE Server IP5 | 192 168 1 17 | |
| KONE Server IP3 | 192 168 1 15 | ☑ RCGIF Port | 2004 | |
| Floor Count | 128 | ☑ GCAC Port | 2005 | |

**COP Infos**

| Elevator ID | 1 | Goup ID | 1 |
|---|---|---|---|

**DOP Infos**

| DOP ID | 1 | Goup ID | 1 |
|---|---|---|---|
| Floor ID | 1 | | |

**Turnstile Infos**

| Terminal ID | 0 | Group ID | 1 |
|---|---|---|---|
| Source Floor | 0 | Source Side | 0 - Front side |

**Time Zone**

| Time Zone | UTC +04:00 | Time offset | 0 |
|---|---|---|---|

DOP GLOBAL ACCESS MASK

DOP SPECIFIC ACCESS MASK

COP GLOBAL ACCESS MASK

**DOP GLOBAL ACCESS MASK**

| Floor | Floor 1-8 | KCEGC State | Connected | ▇ Not allowed all | | | |
|---|---|---|---|---|---|---|---|
| | Destination Front | | Destination Rear | | Source Front | | Source Rear |
| 1 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |
| 2 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |
| 3 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |
| 4 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |
| 5 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |
| 6 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |
| 7 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |
| 8 | ▇ Not allowed | ▇ Not allowed | | ▇ Not allowed | | ▇ Not allowed | |

**DOP SPECIFIC ACCESS MASK**

| Floor | Floor 1-8 | KCEGC State | Connected | ▇ Not allowed all |
|---|---|---|---|---|
| | Destination Front | | Destination Rear | |
| 1 | ▇ Not allowed | ▇ Not allowed | | |
| 2 | ▇ Not allowed | ▇ Not allowed | | |
| 3 | ▇ Not allowed | ▇ Not allowed | | |
| 4 | ▇ Not allowed | ▇ Not allowed | | |
| 5 | ▇ Not allowed | ▇ Not allowed | | |
| 6 | ▇ Not allowed | ▇ Not allowed | | |
| 7 | ▇ Not allowed | ▇ Not allowed | | |
| 8 | ▇ Not allowed | ▇ Not allowed | | |

COP GLOBAL ACCESS MASK

COP SPECIFIC ACCESS MASK

### Note:

- TCP/IP interface makes installation easy because both systems are connected to same LAN. All KONE elevator systems can be connected to the building's WatchNET Access Control System.
- WAE-016-ENC WatchNET Elevator Controller with firmware version V01.24 supports KONE integration module.
- WAS-KONE-INT license is required to add the KONE server.

**WatchNET ACCESS**

**KONE**

**KONE**

# Certificate of Completion
# for
# Access Control Integration
# (KONE ACI)

is hereby granted to

## WatchNET Inc.

To certify that the software and version below has
been successfully tested according to feature set

WAE-016-ENC (Elevator Access Controller)
[WatchNET Access Integrated Security Systems]
.version01.23

| KBM | GCAC - v1.8, RCGIF – v1.12 | API | v8.5 |
|---|---|---|---|

| | | | |
|---|---|---|---|
| X | Traditional DCS | X | Hybrid DCS |
| X | Conventional | X | Turnstile Integration |
| | CS-API Integration | | |

Granted: JULY 22, 2025

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Name, title