

# KONE Elevator System Integration Guide

Part Number: 8200-1161-01 A0

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## Introduction

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## **KONE Elevator System Integration Overview**

KONE Elevator System integration provides advanced, seamless integration between victor unified systems and KONE Elevator System. KONE Elevator System provides security to particular landings (floors) in a multi-level building by ensuring that only those authorized may go to a particular landing, or exit on that landing. Access to particular landings is determined through a swipe of a card to a card reader called a Destination Operation Panel (DOP) outside of the elevator or a Car Operation Panel (COP) situated inside the Elevator Car. The card reader accesses the personnel privilege assigned to a specific KONE Elevator access configuration.

This document describes the KONE Elevator System integration from within the victor environment. All the features/functionality explained are with respect to the victor platform.

#### **Product Components**

- KONE Elevator System Client: Used to specify connection details to KONE Elevator System.
- KONE Elevator System Objects: Physical or logical KONE entities within the victor environment.
- KONE Elevator System Server Component: The heart of the integration, facilitates and maintains communication with the KONE objects.

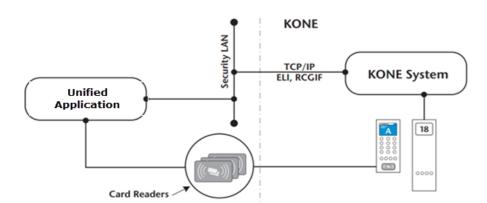
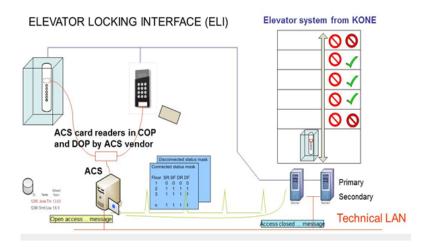


Figure 3-1 System Overview

All relevant KONE Elevator System editors are available from victor's KONE ribbon bar after driver installation.

## **Elevator Locking Interface Example**



# Global Landing Matrix and Default Landing Matrix Configuration Example

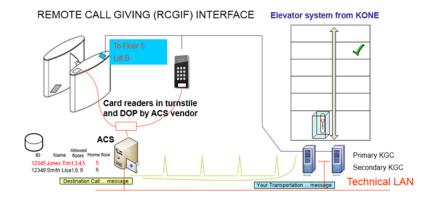
TABLE 1. Global Landing Matrix Configuration and Default Landing Matrix Example

Global Landi	ng Matrix	Default L Matrix	anding	Clearance Landing Matrix	Floors Se DOP/CO	lectable in P
Connected Mask	Discon- nected Mask	Con- nected Mask	Discon- nected Mask		Con- nected Mask	Discon- nected Mask
1	2	4	3	5	1,4,5	2,3
2	6	3	5	10	2,3,10	6,5

In this example, if a card is swiped, the open floors for that clearance (configured in the Clearance Landing Matrix) will be available to that individual on the DOP/COP.

If the connection is lost between the elevator system and the Unified server, the Disconnected Mask is used instead of the Connected Mask, but still functions the same way as the Global and Default Landing Matrix.

## **KONE Direct Elevator Access Example**





#### **Features**

The objective of the KONE Elevator System integration is to provide a standard, single interface between KONE Elevator System devices and American Dynamic's victor Unified Management product.

The following are the features supported:

- Secure access to particular floors of multi-level buildings by ensuring that only authorized personnel may go to a particular floor or exit on that floor.
- Schedule-based floor access for all personnel.
- Journaling and reporting of floor selections by personnel.
- · Remote monitoring using the Activity Viewer.
- Support of up to 30 KONE Elevator systems/groups.
- Each elevator group controller is associated with a "Server A" IP address and a "Server B" IP address. During communication, "Server A" is the primary server and "Server B" is the backup server.
- Each elevator group supports a maximum of 8 elevator cabs per group for a total of 240 elevator cabs on a unified server.
- Each elevator group supports 63 floors, and the front and rear doors of each elevator cab.
- Each landing supports up to 255 DOP devices.
- · Support for Elevator Direct Access
- Home Floor configuration allows selection of only one floor (front or rear).
- Support for Car Operating Panels(COP)
- Support for DOP without readers attached
- Manual actions to secure or unsecure landing
- · Exemption Group can access Secured landing.
- Supports victor role respect
- · Supports Schedule actions to secure or unsecure landing
- Provides integration with victor Object Association
- Provides victor Client-side event management
- · Monitor devices on victor Maps and Health dashboard

## Installation

## Minimum Requirements

#### **Hardware**

KONE elevator system integration has the same hardware requirements as victor Unified Client and victor Site Manager. Therefore, if the machine can successfully run victor then it will satisfy KONE elevator system integration requirements.



## Installation

The KONE elevator system installer must be installed on both the **victor Site Manager** and all **victor Unified Client** machines.

#### **Procedure 4-1 Installing KONE Elevator system Integration to victor**

Close any currently running programs.  Open a web browser (for example, Windows Internet Explorer) and navigate to http://www.americandynamics.net  Download the appropriate version of the KONE Integration Software Driver for your version of victor.
http://www.americandynamics.net  Download the appropriate version of the KONE Integration Software Driver for your version of victor.
version of victor.
Laurah the KONE Internation Coffman Driver
Launch the KONE Integration Software Driver. The <b>End User License Agreement</b> window appears.
Select I agree to the license terms and conditions check box, and then click Install. For server installations running CrossFire service, the Tyco CrossFire Service Alert dialog box appears.
Click <b>OK</b> to continue with the installation. The <b>Welcome to the Integration Setup</b> Wizard displays.
Click <b>Next</b> to continue with the installation. The <b>Installation Options</b> dialog box appears.
f you choose to enable the driver for redundancy, select the <b>Redundant server installation using supported third party redundancy</b> check box and enter the Virtual sever (alias) name.  Otherwise, just click <b>Next</b> The <b>Ready to Install the Integration</b> dialog box appears.
Click <b>Install</b> or click <b>Back</b> to modify the installation settings.  After a few minutes, the <b>Completed the Integration Setup Wizard</b> appears If you select <b>Cancel</b> , installation will roll back to clean state.
Click <b>Finish</b> to complete the installation process. The <b>Setup Successful</b> dialog box appears.
Click <b>Close</b> to exit the Installation.
After installation, a new group called <b>KONE</b> is available on the <b>Setup</b> tab.

## **Administration**

#### **General Hardware information**

Detailed hardware information is available for all configured KONE Elevator System within victor. To access this information, select the required object from the KONE ribbon on the setup tab, then select **Show All**. Right-click the object you wish to view information for and select **Edit**. This information is also available when you right-click an object and select **Edit**.

#### victor integration information

#### **Roles**

victor roles support KONE privileges, therefore all context menu actions associated with the devices are added to existing victor roles which can be edited accordingly. For more information on Roles, refer to the victor Unified Client Configuration and User Guide.

#### **Reports**

victor's report selection tool and Find in Journal feature support KONE. For more information on Reports and the Find in Journal feature, refer to the victor Unified Client Configuration and User Guide.

#### **Events**

victor Events supports KONE objects support allowing you to detect, monitor and record specific activities on the system. For further information on Events, refer to the victor Unified Client Configuration and User Guide.

#### Maps

victor Maps and Find on Map features support KONE objects. For more information on Maps and the Find on Map feature, refer to the victor Unified Client Configuration and User Guide available on the American Dynamics website www.americandynamics.net



#### Note

victor editors offer various save options when creating/editing objects:

- Save and Close button will allow you to save the current object and close the editor.
- Save (Apply) button saves changes and keeps the editor open, allowing further changes to be made.
- Save and New button allows you to save the current object and opens a new editor to create a new object with default values populated.
- Close button cancels changes and closes the editor without saving.

## **Adding KONE Elevator System**

#### **Procedure 5-1 Adding New KONE Elevator System**



#### Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE Elevator System** from the drop-down menu.
- 3 Select **New** from the drop-down.
- 4 Expand the General expander.

Property	Description
Name	Enter a unique name for the KONE Elevator System.
Description	Enter a general description about the KONE Elevator System.
Enabled	Select the check box to establish the communication between victor and the KONE Elevator System.

Property	Description			
Group ID	Enter the Group ID number, between 1 and 30, that identifies the elevator group.			
Server A	The IP address of the primary server.			
	NOTE: IPv6 addresses are not supported.			
Server B	The IP address of the backup server.			
	NOTE: IPv6 addresses are not supported			
Poll Time	The time to poll. The value can be between 5 and 15 seconds.			
	Default: 6 seconds.			
Number of Floors	The number of floors required while sending the Global Mask to the KONE elevator system.			
Exemption Group	select a pre-configured personnel group that will be exempt from the manual secure landing action. The exempt personnel group selected allows the personnel in the group access to the landing when it is in the secured state.			
	1 Click to display the Object Selector.			
	2 Select the name of the group from the Object Selector.			
	3 Click OK.			
The following fields and check boxes are not configurable until a KONE Global Landing Matrix is configured:				
Connected Mask	The Connected Mask is used when the connection between the victor and the KONE Elevator System is active.			
	1 Click to display the Object Selector.			
	2 Select the name of the Global landing matrix from the Object Selector.			
	3 Click OK.			



Disconnected Mask	The Disconnected Mask is used when the connection between the victor and the KONE Elevator System is disconnected.		
	1	Click to display the Object Selector.	
	2	Select the name of the Global landing matrix from the Object Selector.	
	3	Click <b>OK</b>	
Open All Floors	(Optio	nal)	
		Select the check box, to open all the floors when connection between the victor and the KONE Elevator system is disconnected.	
	Globa	this if you have not provided any I Landing Matrix for nnected Mask.	
Lock All Floors (Optional)		nal)	
	floors victor	the check box, to lock all the when connection between the and the KONE Elevator system is inected.	
	Global	this if you have not provided any I Landing Matrix for nnected Mask.	

4 If required, expand **Details** expander to view the details::

Expander	Information			
Destination Dispatch (ELI)				
Server A Communication Status	The following are the available options:			
	Online: The KONE Elevator System is configured and communicating with the server A.			
	Offline: The KONE Elevator System is configured, but not communicating.with the server A.			
	Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.			

Server B Communication Status	The following are the available options:
	<ul> <li>Online: The KONE Elevator System is configured and communicating with the server B.</li> </ul>
	Offline: The KONE Elevator System is configured, but not communicating.with the server B.
	<ul> <li>Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.</li> </ul>
Elevator Direct Access (RCGIF)	
Server A Communication Status	The following are the available options:
	<ul> <li>Online: The KONE Elevator System is configured and communicating with the server A.</li> </ul>
	Offline: The KONE Elevator System is configured, but not communicating.with the server A.
	<ul> <li>Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.</li> </ul>
Server B Communication Status	The following are the available options:
	<ul> <li>Online: The KONE Elevator System is configured and communicating with the server B.</li> </ul>
	Offline: The KONE Elevator System is configured, but not communicating.with the server B.
	<ul> <li>Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.</li> </ul>

5 Select Save and Close.



## **Editing KONE Elevator System**

#### **Procedure 5-2 Edit KONE Elevator System**

#### Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE Elevator System** from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the KONE Elevator System to be edited.
- 5 Select Edit.
- 6 Expand the **General** expander.

Property	Description
Name	You can modify the name for the KONE Elevator System.
Description	You can modify the description about the KONE Elevator System.
Enabled	Select the check box to establish the communication between victor and the KONE Elevator System.

Property	Description
Group ID	You can modify the Group ID number between 1 and 30, that identifies the elevator group.
Server A	You can modify the IP address of the primary server.
	NOTE: IPv6 addresses are not supported.
Server B	You can modify the IP address of the backup server.
	NOTE: IPv6 addresses are not supported
Poll Time	You can modify the time to poll. The value can be between 5 and 15 seconds.
	Default: 6 seconds.
Number of Floors	You can modify the number of floors required while sending the Global Mask to the KONE elevator system.

Exemption Group	group manua exemp allows access	select a pre-configured personnel group that will be exempt from the manual secure landing action. The exempt personnel group selected allows the personnel in the group access to the landing when it is in the secured state.	
	1	Click to display the Object Selector.	
	2	Select the name of the group from the Object Selector.	
	3	Click <b>OK</b> .	
The following fields and check boxes ar Landing Matrix is configured:	e not coi	nfigurable until a KONE Global	
Connected Mask	conne	onnected Mask is used when the ction between the victor and the Elevator System is active.	
	1	Click to display the Object Selector.	
	2	Select the name of the Global landing matrix from the Object Selector.	
	3	Click <b>OK</b> .	
Disconnected Mask	The Disconnected Mask is used when the connection between the victor and the KONE Elevator System is disconnected.		
	1	Click to display the Object Selector.	
	2	Select the name of the Global landing matrix from the Object Selector.	
	3	Click <b>OK</b>	



Open All Floors	(Optional)
	Select the check box, to open all the floors when connection between the Victor and the KONE Elevator system is disconnected.
	Select this if you have not provided any global landing matrix for Disconnected Mask.
Lock All Floors	(Optional)
	Select the check box, to lock all the floors when connection between the Victor and the KONE Elevator system is disconnected.
	Select this if you have not provided any global landing matrix for Disconnected Mask.

#### 4 If required, expand **Details** expander to view the details::

Expander	Information
Destination Dispatch (ELI)	
Server A Communication Status	The following are the available options:
	Online: The KONE Elevator System is configured and communicating with the server A.
	Offline: The KONE Elevator System is configured, but not communicating.with the server A.
	Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.
Server B Communication Status	The following are the available options:
	Online: The KONE Elevator System is configured and communicating with the server B.
	Offline: The KONE Elevator System is configured, but not communicating.with the server B.
	Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.
Elevator Direct Access (RCGIF)	

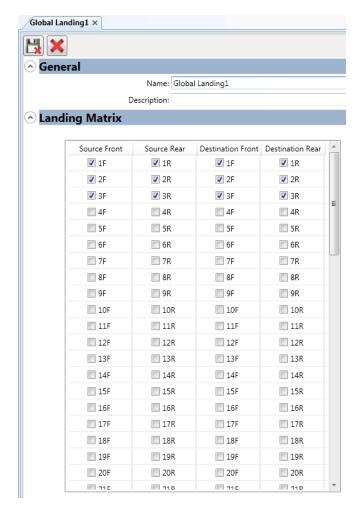
Server A Communication Status	The following are the available options:
	Online: The KONE Elevator System is configured and communicating with the server A.
	Offline: The KONE Elevator System is configured, but not communicating.with the server A.
	Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.
Server B Communication Status	The following are the available options:
	Online: The KONE Elevator System is configured and communicating with the server B.
	Offline: The KONE Elevator System is configured, but not communicating.with the server B.
	Unknown: The status cannot be determined, usually displayed after the initial KONE Elevator System configuration while waiting for the server to update the status.

5 Select Save and Close.



#### **Adding KONE Global Landing Matrix**

The KONE Global Landing Matrix is used to configure the Destination Front, Destination Rear, Source Front, and Source Rear floors of the elevator system. If an elevator system configured is with a global landing matrix and a DOP is associated with another landing matrix, the global landing matrix is used by all DOP's in the elevator system.



## **Procedure 5-3 Adding KONE Global Landing Matrix**

Step	Action	
1	Select <b>KONE</b> from the <b>Setup</b> tab.	
2	Select KONE Global Landing Matrix from the drop-down menu.	
3	Select <b>New</b> from the drop-down.	
4	Expand the <b>General</b> expander.	
	Property	Description

Name	Enter a unique name up to 100 characters long for the KONE Global Landing Matrix.
Description	Enter a general description, up to 500 characters, to identify the KONE Global Landing Matrix.

#### 5 Expand the **Landing Matrix** Expander.

Property	Description
Source Front	Select the check box to allow access to the front side of the floor from where the passenger can enter the elevator. you want.
	The floor selected is included in the global landing matrix configuration.
Source Rear	Select the check box to allow access to the rear side of the floor from where the passenger can enter the elevator.
	The floor selected is included in the global landing matrix configuration.
Destination Front	Select the check box to allow access to the front side of the floor from where the passenger can exit the elevator.
	The floor selected is included in the global landing matrix configuration.
Destination Rear	Select the check box to allow access to the rear side of the floor from where the passenger can exit the elevator.
	The floor selected is included in the global landing matrix configuration.

#### 6 Select Save and Close.



Step

## **Editing KONE Global Landing Matrix**

## **Procedure 5-4 Edit KONE Global Landing Matrix**

#### -

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE Global Landing Matrix** from the drop-down menu.
- 3 Select **Show All** from the drop-down menu.
- 4 Right-click the KONE Global Landing Matrix to be edited.
- 5 Select Edit.

**Action** 

6 Expand the **General** expander.

Property	Description
Name	You can modify the name of the KONE Global Landing Matrix.
Description	You can modify the description, of the KONE Global Landing Matrix.

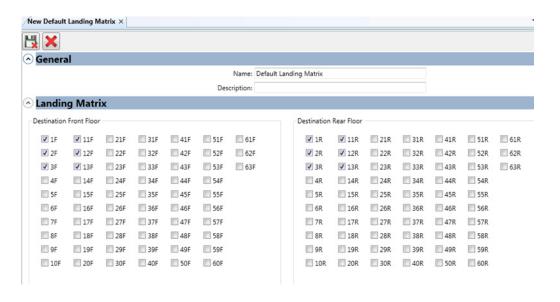
#### 7 Expand the Landing Matrix Expander.

Property	Description
Source Front	Select the check box to allow access to the front side of the floor from where the passenger can enter the elevator. you want.
	The floor selected is included in the global landing matrix configuration.
Source Rear	Select the check box to allow access to the rear side of the floor from where the passenger can enter the elevator.
	The floor selected is included in the global landing matrix configuration.
Destination Front	Select the check box to allow access to the front side of the floor from where the passenger can exit the elevator.
	The floor selected is included in the global landing matrix configuration.
Destination Rear	Select the check box to allow access to the rear side of the floor from where the passenger can exit the elevator.
	The floor selected is included in the global landing matrix configuration.

#### 8 Select Save and Close.

#### **Adding KONE Default Landing Matrix**

The KONE Default Landing Matrix is used to configure a common access Landing Matrix with no personnel clearances.



#### **Procedure 5-5 Adding KONE Default Landing Matrix**

#### Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE Default Landing Matrix** from the drop-down menu.
- 3 Select **New** from the drop-down.
- 4 Expand the **General** expander.

Property	Description
Name	Enter a unique name up to 100 characters long for the KONE Default Landing Matrix.
Description	Enter a general description, up to 500 characters, to identify the KONE Default Landing Matrix.



#### 5 Expand the Landing Matrix Expander.

Property	Description
Destination Front Floor	Select the check box to allow access to the front door of the destination floor.
	For example, If you need access to the 10th floor front door, select 10F check box.
	You can select Front Door or Rear Door or both.
Destination Rear Floor	Select the check box to allow access to the rear door of the destination floor.
	For example, If you need access to the 10th floor rear door, select 10R check box.
	You can select Front Door or Rear Door or both.

#### 6 Select Save and Close.



## **Editing KONE Default Landing Matrix**

## **Procedure 5-6 Edit KONE Default Landing Matrix**

#### 1 Select **KONE** from the **Setup** tab.

- 2 Select KONE Default Landing Matrix from the drop-down menu.
- 3 Select **Show All** from the drop-down menu.
- 4 Right-click the KONE Default landing matrix.
- 5 Select Edit.

Action

Step

6 Expand the **General** expander.

Property	Description
Name	You can modify the KONE Default Landing Matrix.
Description	You can modify the description for the KONE Default Landing Matrix.

#### 7 Expand the Landing Matrix Expander.

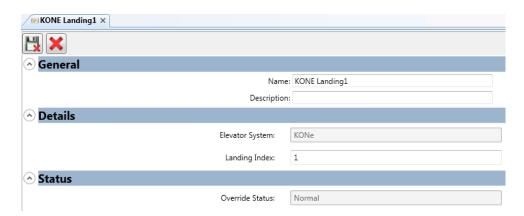
Property	Description
Destination Front Floor	Select the check box to allow access to the front door of the destination floor.
	For example, If you need access to the 10th floor front door, select 11F check box.
	You can select Front Door or Rear Door or both.
Destination Rear Floor	Select the check box to allow access to the rear door of the destination floor.
	For example, If you need access to the 10th floor rear door, select 11R check box.
	You can select Front Door or Rear Door or both.

#### Select Save and Close.



## **Adding KONE Landing**

The KONE Landing lets you configure a landing to be used by the Elevator System.



#### **Procedure 5-7 Add KONE Landing**

#### Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select KONE Elevator System from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the **KONE Elevator System** for which you need to add Landing.
- 5 Select New KONE Landing.
- **6** Expand the **General** expander..

Property	Description
Name	Enter a unique name up to 100 characters long to identify the KONE Landing.
Description	Enter a general description, up to 500 characters, about the KONE Landing.

Property	Description
Elevator System	The name of the KONE elevator system for which the landing is been added.
	This field is read-only.
Landing Index	Enter a value between 1 and 63 for the landing.
	Landing index is the index associated with Landing.

8 If required, expand **Status** expander to view Status relating to those fields:

Expander	Information
Override Status	Displays the override details of the floor object. This field is read-only.

9 Select Save and Close.

	- End -	
	- Ellu -	



Step

#### **Editing KONE Landing**

**Action** 

#### **Procedure 5-8 Edit KONE Landing**

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE Landing** from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the **KONE Landing** to be edited.
- 5 Select Edit.
- 6 Expand the **General** expander.

Property	Description
Name	You can modify the name of the KONE Landing.
	Ensure that the name is unique.
Description	You can modify description about the KONE Landing.

7 Expand the **Details** Expander.

Property	Description
Elevator System	The name of the KONE elevator system for which the landing is been added.
	This field is read-only.
Landing Index	You can modify the Landing index.

8 If required, expand **Status** expander to view Status relating to those fields:

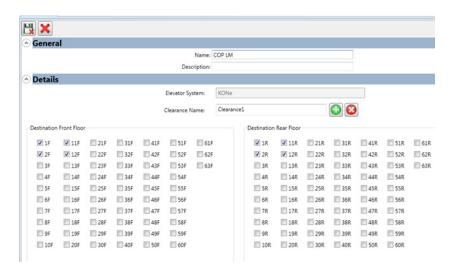
Expander	Information
Override Status	Displays the override details of the floor object. This field is read-only.

9 Select Save and Close.

	- End -
--	---------

## **Adding KONE COP Clearance Landing Matrix**

The KONE COP Clearance Landing Matrix is used to define up to 63 front and 63 rear doors that can be accessed by cardholders that have a clearance associated with the landing matrix.



#### **Procedure 5-9 Add KONE COP Clearance Landing Matrix**

1 Select **KONE** from the **Setup** tab.

Step

**Action** 

- 2 Select **KONE Elevator System** from the drop-down menu.
- 3 Select Show All from the drop-down.
- 4 Right-click the **KONE Elevator System** for which you need to add KONE COP Clearance Landing Matrix.
- 5 Select New KONE COP Clearance Landing Matrix.
- 6 Expand the **General** expander.

Property	Description
Name	Enter a unique name up to 100 characters long for the KONE COP Clearance Landing Matrix.
Description	Enter a general description, upto 500 characters, to identify the KONE COP Clearance Landing Matrix.

Property	Description
Elevator System	The name of the elevator system for which you need to add a clearance Landing matrix.



Clearance Name	This field is used to select the clearance that allows access to the Door with a reader that a person swipes their card to get authorization to use the landing.  1 Click to display the Objector selector.
	2 Select the Clearance from the Object Selector.
	3 Click OK.
	Note: Clearance can be created in C Cure 9000 application only.
Destination Front Floor	Select the check box next to the floor number to allow access to the front door of the destination floor.
	For example, If you need access to the 10th floor front door, select 10F check box.
	Note: F represents Front Door.
Destination Rear Floor	Select the check box next to the floor number to allow access to the rear door of the destination floor.
	For example, If you need access to the 10th floor rear door, select 10R check box.  Note: R represents Rear Door.

#### 4 Select Save and Close.

## **Editing KONE COP Clearance Landing Matrix**

## **Procedure 5-10 Edit KONE COP Clearance Landing Matrix**

- 1 Select **KONE** from the **Setup** tab.
- 2 Select KONE COP Clearance Landing Matrix from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the **KONE COP Clearance Landing Matrix** to be edited.
- 5 Select Edit.

**Action** 

Step

6 Expand the **General** expander.

Property	Description
Name	You can modify the name of the KONE COP Clearance Landing Matrix.
Description	You can modify the description for the KONE COP Clearance Landing Matrix.

Property	Description
Elevator System	The name of the elevator system for which you need to add a clearance Landing matrix. This field is read-only.
Clearance Name	This field is used to select the clearance that allows access to the Door with a reader that a person swipes their card to get authorization to use the landing.  1 Click to display the Objector selector.
	2 Select the Clearance from the Object Selector
	3 Click OK.
	Note: Clearance can be created in C Cure 9000 application only.



Destination Front Floor	Select the check box next to the floor number to allow access to the front door of the destination floor.
	For example, If you need access to the 10th floor front door, select 10F check box.
	Note: F represents Front Door.
Destination Rear Floor	Select the check box next to the floor number to allow access to the rear door of the destination floor.
	For example, If you need access to the 10th floor rear door, select 10R check box.  Note: R represents Rear Door.

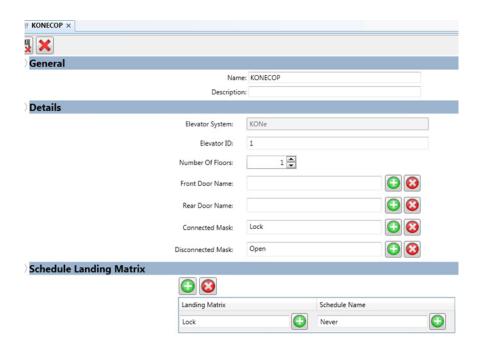
#### 4 Select Save and Close.

#### **Adding KONE COP**

The KONE COP is used to control door operations for each floor inside the elevator.

The following must be configured before you can configure the COP

- KONE Elevator System (See Adding KONE Elevator System on page 8)
- KONE Default Landing Matrix (See <u>Adding KONE Default Landing Matrix</u> on page 19)
- KONE Landing (See Adding KONE Landing on page 22)



#### Procedure 5-11 Add KONE COP

## Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select KONE Elevator System from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the **KONE Elevator System** for which you need to add COP.
- 5 Select New KONE COP.
- 6 Expand the **General** expander.

Property	Description
Name	Enter a unique name up to 100 characters long for the KONE COP.
Description	Enter a general description, up to 500 characters, to identify the KONE COP.



Property	Description
Elevator System	(Read only)
	The name of the elevator system for which you need to add a KONE COP.
Elevator ID	ID of the Elevator (CAR).
	Enter the numeric value between 1 and 255.
Number of Floors	The number of floors required while sending the Default Mask to the KONE Group configuration. Select the number from 1 to 63.
Front Door Name	You can map the front door to the KONE COP system.
	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	b Select the Door from the Object Selector.
	c Click <b>OK</b> .
	The Door is retrieved from C•CURE 9000.
Rear Door Name	You can map the rear door to the KONE COP system.
	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<b>b</b> Select the Door from the Object Selector.
	c Click <b>OK</b> .

Connected Mask	The Connected Mask is used when the connection between the victor and the KONE Elevator System is active.
	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<b>b</b> Select the KONE Default Landing Matrix from the Object Selector.
	c Click <b>OK</b> .
Disconnected Mask	The Disconnected Mask is used when the connection between the victor and the KONE Elevator System is disconnected.
	or System is active.
	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<b>b</b> Select the KONE Default Landing Matrix from the Object Selector.
	c Click <b>OK</b> .

- If required, expand **Schedule Landing Matrix** expander to map a Landing matrix and Schedule matrix to a Kiosk.
  - a Click (i) to add a row.
  - **b** Click in the Landing Matrix field to display the Object Selector.
  - **c** Select the Landing Matrix from the Object Selector and click **OK**.
  - **d** Click oin the Schedule Name field to display the Object Selector.
  - e Select the Schedule Name from the Object Selector and click **OK**.
- 9 Select Save and Close.

Step

## **Editing KONE COP**

**Action** 

## Procedure 5-12 Edit KONE COP

#### .

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE COP** from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the **KONE COP** to be edited.
- 5 Select Edit.
- 6 Expand the **General** expander.

Property	Description
Name	You can modify the name of the KONE COP.
Description	You can modify the description of the KONE COP.

Property	Description
Elevator System	(Read only)
	The name of the elevator system for which you need to add a KONE COP.
Elevator ID	ID of the Elevator (CAR).
	You can modify Elevator ID, whicj is the numeric value between 1 and 255.
Number of Floors	You can modify number of floors required while sending the Default Mask to the KONE Group configuration. Select the number from 1 to 63.
Front Door Name	You can map the front door to the KONE COP system.
	a Click oto display the Object Selector.
	<b>b</b> Select the Door from the Object Selector.
	c Click OK.
	The Door is retrieved from C•CURE 9000.

Rear Door Name	You can map the rear door to the KONE COP system.
	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<b>b</b> Select the Door from the Object Selector.
	c Click <b>OK</b> .
Connected Mask	The Connected Mask is used when the connection between the victor and the KONE Elevator System is active.
	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<b>b</b> Select the KONE Default Landing Matrix from the Object Selector.
	c Click <b>OK</b> .
Disconnected Mask	The Disconnected Mask is used when the connection between the victor and the KONE Elevator System is disconnected or System is active.
	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<b>b</b> Select the KONE Default Landing Matrix from the Object Selector.
	c Click OK.

- If required, expand **Schedule Landing Matrix** expander to map a Landing matrix and Schedule Name to a KONE COP.
  - a Click 🚺 to add a row.
  - **b** Click in the Landing Matrix field to display the Object Selector.
  - **c** Select the Landing Matrix from the Object Selector and click **OK**.
  - **d** Click 💽 in the Schedule Name field to display the Object Selector.
  - e Select the Schedule Name from the Object Selector and click **OK**.
- 9 Select Save and Close.

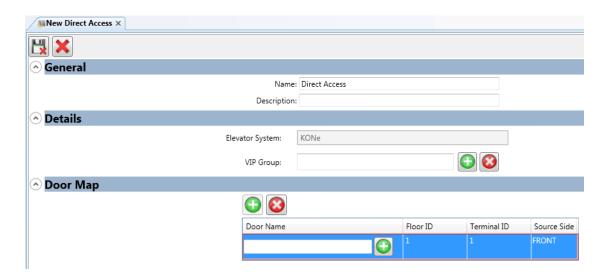
- End -

### **Adding KONE Direct Elevator Access**

To facilitate Direct Access to pre-configured personnel group, the KONE Direct Elevator Access is used to send calls to KONE Elevator System. The call types can be Normal, ADA or Priority Call. Only one instance of direct elevator access can be assigned for each KONE group configuration.

#### Note

Only one instance of direct elevator access can be assigned for each KONE group configuration.



#### **Procedure 5-13 Adding KONE Direct Elevator Access**

# Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE Elevator System** from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- **4** Right-click the **KONE Elevator System** for which you need to add KONE Direct Elevator Access.
- 5 Select New KONE Direct Elevator Access.
- **6** Expand the **General** expander.

Property	Description
Name	Enter a unique name up to 100 characters long for the KONE Direct Elevator System.
Description	Enter a general description, up to 500 characters, to identify the KONE Direct Elevator System.

Property	Description
Elevator System	(Read only)
	The name of the elevator system for which you need to add a Direct Access.
VIP Group	a Click 🚺 to display the Object Selector.
	<ul> <li>Select the personnel group from the Object Selector.</li> </ul>
	c Click <b>OK</b> .  The personnel in this group will be treated as VIP.

- 8 Expand the **Door Map** Expander to select a pre-configured door which is retrieved from the C•CURE 9000.
  - a Click to add a row.
  - **b** Click oin the Door Name field to display the Object Selector.
  - c Select the Door from the Object Selector and click **OK**.
  - **d** Enter the Floor ID.

    Floor ID is the floor from where the user is making the call. Enter a numeric value from 1 to 63.
  - Enter the Terminal ID.
    Terminal ID is the identification of the passenger terminal. Enter a numeric value of 1 to 200.
  - f Select Front or Rear side of the door from the Source Slide list. To configure the front and rear door to allow direct elevator access you must configure the Source Side front and the Source Side rear door separately.
- 9 Select Save and Close.





Step

#### **Editing KONE Direct Elevator Access**

#### **Procedure 5-14 Edit KONE Direct Elevator Access**

#### \_

- 1 Select **KONE** from the **Setup** tab.
- 2 Select KONE Direct Elevator Access from the drop-down menu
- 3 Right-click the KONE Direct Elevator Access to be edited.
- 4 Select Edit.

**Action** 

5 Expand the **General** expander.

Property	Description
Name	You can modify the name of the KONE Direct Elevator System.
Description	You can modify the description, of the KONE Direct Elevator System.

Property	Description
Elevator System	(Read only)
	The name of the elevator system for which you need to add a Direct Access.
VIP Group	a Click ( to display the Object Selector.
	<ul> <li>Select the personnel group from the Object Selector.</li> </ul>
	c Click <b>OK</b> .  The personnel in this group will be treated as VIP.

- 7 Expand the **Door Map** Expander to select a pre-configured door which is retrieved from the C•CURE 9000.
  - a Click to add a row.
  - **b** Click oin the Door Name field to display the Object Selector.
  - c Select the Door from the Object Selector and click **OK**.
  - d Enter the Floor ID. Floor ID is the floor from where the user is making the call. Enter a numeric value from 1 to 63.
  - Enter the Terminal ID.
     Terminal ID is the identification of the passenger terminal. Enter a numeric value of 1 to 200.
  - f Select Front or Rear side of the door from the Source Slide list.
    To configure the front and rear door to allow direct elevator access you must configure the Source Side front and the Source Side rear door separately.

8 Select Save and Close.

- End -

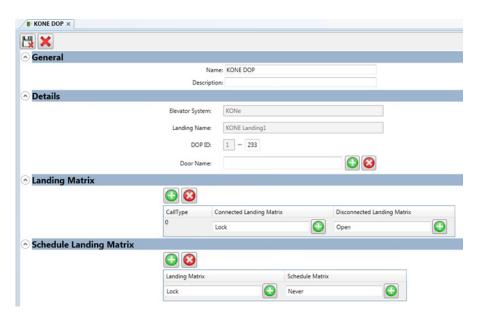


#### **Adding KONE DOP**

The KONE DOP is used to configure a DOP and to select a pre-configured door.

Before you configure the KONE DOP, ensure the following are configured:

- KONE Elevator System. See <u>Adding KONE Elevator System</u> on page 8
- KONE Default Landing Matrix. See <u>Adding KONE Default Landing Matrix</u> on page 19
- KONE Landing. See Adding KONE Landing on page 22



#### **Procedure 5-15 Adding KONE DOP**

#### Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select KONE Elevator System from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the **KONE Elevator System** for which you need to add DOP.
- 5 Select New DOP.
- **6** Expand the **General** expander.

Property	Description
Name	Enter a unique name up to 100 characters long for the KONE Default Landing Matrix.
Description	Enter a general description, up to 500 characters, to identify the KONE Default Landing Matrix

Property	Description
Elevator System	The name of the KONE Elevator System This field is read-only
Landing Name	The textual description for the landing.
DOP ID	The DOP and the Floor ID. The first field is the Floor ID and the second field is the DOP ID (a unique numeric identifier between 1 and 255).
Door Name	

- 8 Expand the **Landing Matrix** Expander.
- 9 Expand the **Schedule landing Matrix** Expander
- 10 Select Save and Close.





## **Editing KONE DOP**

## Procedure 5-16 Edit KONE DOP

## Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select **KONE Default Landing Matrix** from the drop-down menu
- 3 Right-click the KONE Default landing matrix.
- 4 Select Edit.
- 5 Expand the **General** expander.

Property	Description
Name	You can modify the KONE Default Landing Matrix.
Description	You can modify the description for the KONE Default Landing Matrix.

6 Expand the **Landing Matrix** Expander.

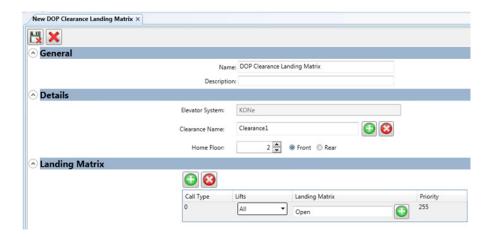
Property	Description
Destination Front Floor	Select the check box to allow access to the front door of the destination floor.
	For example, If you need access to the 10th floor front door, select 11F check box.
	You can select Front Door or Rear Door or both.
Destination Rear Floor	Select the check box to allow access to the rear door of the destination floor.
	For example, If you need access to the 10th floor rear door, select 11R check box.
	You can select Front Door or Rear Door or both.

#### 7 Select Save and Close.

- End -

#### **Adding KONE DOP Clearance Landing Matrix**

The KONE DOP Clearance Landing Matrix is used to define up to 63 front and 63 rear doors that can be accessed by cardholders that have a clearance associated with the landing matrix. A call placed at a high priority is often configured in KONE to provide the next available elevator to the individual who places the priority elevator request. Depending on the configuration of the KONE system, the priority request may automatically be part of the floor selected, or it may be an option to the individual at the time of floor selection to make that floor selection a priority request.



## **Procedure 5-17 Adding KONE DOP Clearance Landing Matrix**

## Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select KONE Elevator System from the drop-down menu.
- 3 Select **Show All** from the drop-down.
- 4 Right-click the **KONE Elevator System** for which you need to add Direct Elevator Access.
- 5 Select New KONE DOP Clearance Landing Matrix.
- 6 Expand the **General** expander.

Property	Description
Name	Enter a unique name up to 100 characters long for the ONE DOP Clearance Landing Matrix.
Description	Enter a general description, up to 500 characters, to identify the KONE DOP Clearance Landing Matrix

Property	Description
Elevator System	(Read only)
	The name of the elevator system for which you need to add a KONE DOP Clearance Landing Matrix.



Clearance Name	The pre-configured personnel clearance. This field is used to select the clearance that allows access to the Door with a reader that a person swipes their card to get authorization to use the landing or System is active. <b>a</b> Click to display the Object Selector. <b>b</b> Select the Clearance from the Object Selector. <b>c</b> Click <b>OK</b> .
Home Floor	Allows you to identify Clearance Landing Matrix Home Floor. You can select the Home Floor from 1 to 63. You must select either Front or Rear. This field is used while configuring KONE Direct Elevator Access.

### 8 Expand the **Landing Matrix** Expander.

- a Click 🚺 to add a row.
- **b** Enter the required information in the following fields:

Property	Description
Call Type	The Call Type number defines functions configured in KONE Group Controller.
	Enter the numeric value between 0 to 200.
	The common call types defined by KONE are:
	Type 0 – Normal
	Type 1 – ADA
	Type 2 – Priority
	Type 3- Empty Car
	Call Types from 4 to 200 are configurable.
Lifts	Select the lifts to be allowed for Call. Maximum number of lifts: 8

Landing Matrix	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<b>b</b> Select the Default Landing Matrix from the Object Selector.
	c Click <b>OK</b> .
Priority	Range of priority is between 1 and 255. Priority value 1 defines highest and 255 is default.

#### 9 Select Save and Close.

- End -



### **Editing KONE DOP Clearance Landing Matrix**

### **Procedure 5-18 Edit KONE Clearance Landing Matrix**

#### Step Action

- 1 Select **KONE** from the **Setup** tab.
- 2 Select KONE Default Landing Matrix from the drop-down menu
- 3 Right-click the KONE Default landing matrix.
- 4 Select Edit.
- 5 Expand the **General** expander.

Property	Description
Name	You can modify the name of the KONE DOP Clearance Landing Matrix.
Description	Enter a general description, up to 500 characters, to identify the KONE Default Landing Matrix

Property	Description
Elevator System	(Read only)
	The name of the elevator system for which you need to add a KONE DOP.
Clearance Name	The pre-configured personnel clearance. This field is used to select the clearance that allows access to the Door with a reader that a person swipes their card to get authorization to use the landing or System is active.   a Click to display the Object Selector.
	b Select the Clearance from the Object Selector.
	c Click <b>OK</b> .
Home Floor	Allows you to identify Clearance Landing Matrix Home Floor. You can select the Home Floor from 1 to 63. You must select either Front or Rear. This field is used while configuring KONE Direct Elevator Access.

- 7 Expand the **Landing Matrix** Expander.
  - a Click (i) to add a row.

**b** Enter the required information in the following fields:

Property	Description
Call Type	The Call Type number defines functions configured in KONE Group Controller.
	Enter the numeric value between 0 to 200.
	The common call types defined by KONE are:
	Type 0 – Normal
	Type 1 – ADA
	Type 2 – Priority
	Type 3- Empty Car
	Call Types from 4 to 200 are configurable.
Lifts	Select the lifts to be allowed for Call.  Maximum number of lifts: 8
Landing Matrix	<ul> <li>a Click  to display the Object Selector.</li> </ul>
	<ul><li>b Select the Default Landing Matrix from the Object Selector.</li></ul>
	c Click <b>OK</b> .
Priority	Range of priority is between 1 and 255. Priority value 1 defines highest and 255 is default.

8 Select Save and Close.

- End -

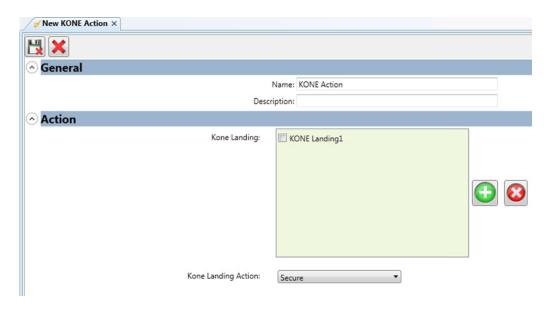
## **Configuring KONE Actions**

You can schedule actions for the KONE.

The following are the available actions:

- Secure
- Unsecure
- Normal





### **Procedure 5-19 Configure KONE Action**

Step	Action	
_		
1	Select <b>KONE Action</b> from the <b>Setup</b> tab.	
2	Select <b>New.</b> Editor opens.	
3	Enter Name (Mandatory) and Description (Optional) for the KONE Action.	
4	Expand the Action expander.	
5	In the <b>KONE Landing</b> field, select 💿 to add landing.Object Selector displays.	
6	Select KONE Landing and click <b>OK</b> .	
7	Repeat as required.	
8	Select desired action from the KONE Landing Action drop-down list.	
9	If you want to remove the KONE Landing, select the Landing matrix check box to be removed and click .	
10	Select Save and Close.	
	- End -	

## **Configuring KONE Alerts**

The Event Setup editor can be used to configure alerts action for KONE Elevator System, KONE Landing.



Refer to Alert Types on page 55 for a full list of victor support alert types.

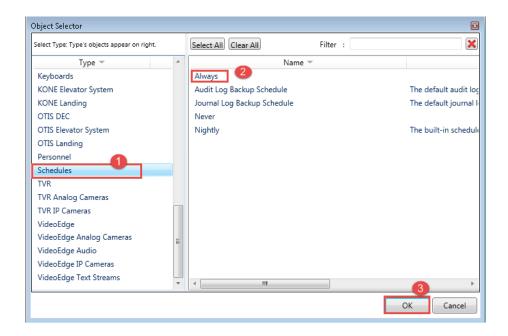
#### **Procedure 5-20 Configuring Schedule Actions for KONE**

#### Step Action

- 1 Select **Event/Schedule Setup** from the **Build** tab. The **Event/Schedule Setup** page opens.
- 2 Double click the Device node and use the object selector and select Type as **Schedules**.



3 Select the required schedule from the list. You should have created the schedule to select it. Refer victor User manual for more information on Creating Schedule.

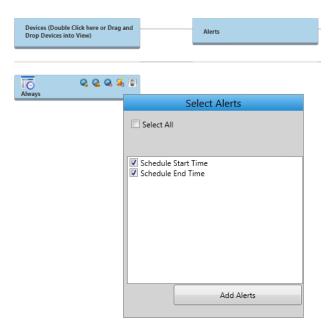




4 Selected Schedule is displayed in the Device node.

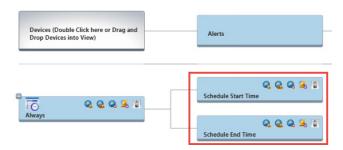


- 5 Select \( \frac{1}{2} \) in device node to add alerts.
- 6 Select **Schedule Start Time** and **Schedule End Time** check box from the **Select Alert** window.



7 Click Add Alerts.

The Schedule Start Time and Schedule End Time is displayed in the Alerts node.



8 Select \( \frac{1}{20} \) in the Alerts node to add actions. For example, in the Schedule Start Time alerts.

9 Select KONE Action from the object selector. You should have already created KONE Action to select it. See <u>Configuring KONE Actions</u> on page 45

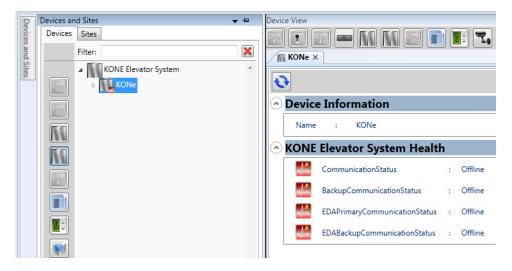


- 10 Repeat as required.
- 11 Click Save and Close.



#### **Health Dashboard**

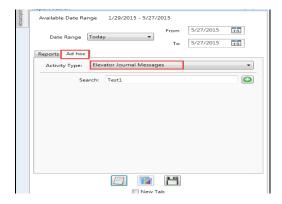
Health status of all KONE objects is annunciated in victor's Health Dashboard as follows:



Refer to Health Status for a full list of supported health statuses.

## **Reports**

victor journal type 'Elevator Journal Message' can be used to search for KONE related report entries as detailed below:





For more information on reporting within victor, refer to the **victor unified client configuration** and administration guide.

#### **Manual Actions**

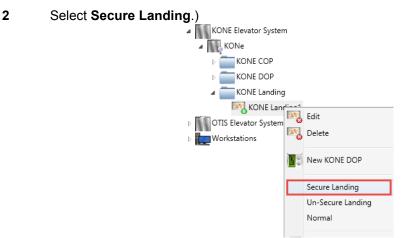
The following manual actions can be performed for the KONE Landing:

- · Secure a Landing
- · Unsecure a Landing
- Normal

#### **Secure a Landing**

This action secures the Landing. There is no access to the Landing during the date and time value set except the personnels in the Exemption Group list. When a Landing is secured the associated floor of the Default Landing Matrix gets locked:

1 Right-click Landing

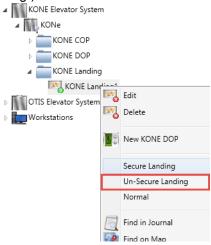


#### **UnSecure a Landing**

This action un-secures the Landing. Everyone will have access to the Landing during the date and time value set. When a Landing is unsecured, the Default Landing Matrix is also un-secured.

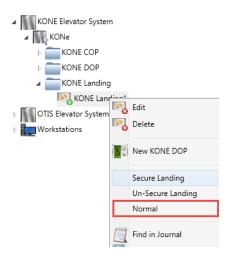
1 Right-click Landing.

**2** Select UnSecure Landing.)



#### **Normal Landing**

- 1 Right-click Landing.
- 2 Select Normal)





## **Appendix A: Alert Types**

The Event Configuration editor is be used to configure alerts for KONE Elevator system. The following tables detail the supported **Alert Types** supported for KONE Elevator system within victor

**Table 7-1 Alert Types for KONE Elevator System** 

Alert Type	Value
Communication Status	Online
	• Offline
	• Unknown

#### **Table 7-2 Alert Types for KONE Landing**

Alert Type	Value
Override Status	Normal
	Secure
	Unsecure



## **Appendix A: Health Status**

Supported Health status annunciations for KONE object type are as follows

**Table 8-1 Health status for KONE Elevator System** 

KONE Elevator System Status	Health Status
Online	Normal
Offline	Device Alert
Unknown	Unknown

