tyco | Software House

ThyssenKrupp Elevator System Integration for C•CURE 9000

User Guide

Version 3.00

Johnson Controls

C•CURE and Software House are registered trademarks of Johnson Controls.

The trademarks, logos, and service marks displayed on this document are registered in the United States [or other countries]. Any misuse of the trademarks is strictly prohibited and Johnson Controls will aggressively enforce its intellectual property rights to the fullest extent of the law, including pursuit of criminal prosecution wherever necessary. All trademarks not owned by Johnson Controls are the property of their respective owners, and are used with permission or allowed under applicable laws.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your regional sales manager.

This manual is proprietary information of Software House. Unauthorized reproduction of any portion of this manual is prohibited. The material in this manual is for information purposes only. It is subject to change without notice. Software House assumes no responsibility for incorrect information this manual may contain.

Table of Contents

Chapter 4 - ThyssenKrupp Default Landing Matrix Configuration   48

Chapter 5 - ThyssenKrupp Landing Configuration   55

Chapter 6 - ThyssenKrupp Clearance Landing Matrix Configuration   69

Chapter 7 - ThyssenKrupp Kiosk Configuration   77

Chapter 8 - ThyssenKrupp User Types   93

Chapter 9 - ThyssenKrupp Register Call   100

Chapter 10 - ThyssenKrupp Events and Actions   108

Chapter 11 - Monitoring ThyssenKrupp Elevator Integration Activities   113

Chapter 12 - Journal and Audit Messages   117

Chapter 13 - Troubleshooting   121

Appendix A - Third-Party Copyright, Trademarks and License Information 124

Index   127

Preface

The *C•CURE 9000 ThyssenKrupp Elevator System Integration Guide* is for new and experienced security system users who want to learn to use this product for the C•CURE 9000 Security Management System.

In this preface

How to Use this Manual

This manual contains chapters that provide the following information about the C•CURE something-something.

Chapter 1: Introduction

This chapter introduces the ThyssenKrupp Elevator Integration software that provides integration between ThyssenKrupp Elevator System and C•CURE 9000.

Chapter 2: Installation

This chapter provides the instructions to install the ThyssenKrupp Integration software on a server or client system.

Chapter 1: Introduction

Explains how to use this chapter.

Chapter 1: Introduction

Describes how to use this chapter.

Finding More Information

You can access C•CURE 9000 manuals and online Help for more information about C•CURE 9000.

Manuals

C•CURE 9000 software manuals and Software House hardware manuals are available in Adobe PDF format on the C•CURE 9000 DVD.

You can access the manuals if you copy the appropriate PDF files from the C•CURE 9000 Installation DVD English\Manuals folder and install the Adobe Acrobat reader. Adobe Acrobat Reader can be installed from the C•CURE 9000 Installation DVD English\Reader folder.

The available C•CURE 9000 and Software House manuals are listed in the *C•CURE 9000 Installation and Upgrade Guide*, and appear as hyperlinks in the online.pdf file on the C•CURE 9000 DVD English\Manuals folder.

These manuals are also available from the Software House Member Center website (http://www.swhouse.com/TechnicalLibrary/TechLibSW.aspx).

Online Help

You can access C•CURE 9000 Help by pressing F1 or clicking Help from the menu bar in the Administration/Monitoring Station applications.

Conventions

This manual uses the following text formats and symbols.

Convention	Meaning
Bold	This font indicates screen elements, and also indicates when you should take a direct action in a procedure. Bold font describes one of the following items: • A command or character to type, or • A button or option on the screen to press, or • A key on the keyboard to press • A screen element or name
blue color text	Indicates a hyperlink to a URL, or a cross-reference to a figure, table, or section in this guide.
Regular italic font	Indicates a new term.
<text>	Indicates a variable.

The following items are used to indicate important information.

NOTE	Indicates a note. Notes call attention to any item of information that may be of special importance.

TIP	Indicates an alternate method of performing a task.

	Indicates a caution. A caution contains information essential to avoid damage to the system. A caution can pertain to hardware or software.

	Indicates a warning. A warning contains information that advises users that failure to avoid a specific action could result in physical harm to the user or to the hardware.

	Indicates a danger. A danger contains information that users must know to avoid death or serious injury.

Software House Customer Support Center

Telephone Technical Support

During the period of the Agreement, the following guidelines apply:

- Software House accepts service calls **only** from employees of the Systems Integrator of Record for the installation associated with the support inquiry.

Before Calling

Ensure that you:

- Are the Dealer of record for this account.
- Are certified by Software House for this product.
- Have a valid license and current Software Support Agreement (SSA) for the system.
- Have your system serial number available.
- Have your certification number available.

Hours	Normal Support Hours	Monday through Friday, 8:00 a.m. to 8:00 p.m., EST. Except holidays.
	Emergency Support Hours	24 hours/day, seven days a week, 365 days/year. Requires Enhanced SSA "7 x 24" Standby Telephone Support (emergency) provided to Certified Technicians. For all other customers, billable on time and materials basis. Minimum charges apply – See MSRP.
Phone	U.S. Puerto Rico U.S. Virgin Islands	+1-800-392-2873
	For other regions, see http://www.swhouse.com/support/contact_technical_support.aspx.	

1

Introduction

This chapter introduces the ThyssenKrupp Elevator Integration software that provides integration between ThyssenKrupp Elevator System and C•CURE 9000.

In this chapter:

ThyssenKrupp Elevator Integration Overview

The C•CURE 9000 ThyssenKrupp Elevator Integration product provides advanced seamless integration between the ThyssenKrupp Elevator System and the C•CURE 9000 Security Management System.

ThyssenKrupp Elevator System, in association with C•CURE 9000 access control system, provides improved security and convenience to multi level buildings.

Features

The following is the list of major features supported by C•CURE 9000 ThyssenKrupp Elevator Integration.

- Secured access to particular floors of a multi-level building by ensuring that only those authorized may go to a particular floor or exit on that floor
- Schedule based floor access for all personnel
- Communication status of elevator systems
- Journal and reporting of floor selection by personnel
- Remote Monitoring using the C•CURE 9000 Monitoring Station is supported.
- Provides configuring Triggers for activating C•CURE 9000 based Events based on Elevator communication status.
- Maintenance Mode for limiting information about Thyssen Krupp Eleveator System objects reported in the Monitoring Station.
- Scheduled modes of Kiosk
- User Type support for Personnel. For information about User Types see the C•CURE 9000 ThyssenKrupp Elevator Integration User Guide.
- Access on PIN entry from a Kiosk.
- Supports 6 Elevator System per Server.
- Exemption Group can access Secured Floors.
- Clearance Landing Matrix with Home Floor support.
- Support for Register Call access.
- TLS1.2 support for security

Maintenance Mode

Maintenance Mode is used to limit information, about an object, displayed on the Monitoring Station. Maintenance Mode only affects what is reported at the Monitoring Station.

A few examples for using the Maintenance Mode are:

- To prevent the display of information about:
  - Parts of the system being installed by an integrator
  - Hardware being serviced, requiring maintenance, or being tested.
- To monitor information only about hardware being serviced, requiring maintenance, or being tested.
- To view information about all objects, including those tagged Maintenance Mode.

If you place an object in the Maintenance Mode, it does not prevent actions from occurring. For example, if an event assigned to an intrusion zone in Maintenance Mode activates an output that turns on the building-wide evacuation alarm, the activation of the output will still occur.

Maintenance Mode is only reported in Journal messages when an object is tagged to Maintenance Mode.

Operator Privilege and Application Layout Filtering assignments determine whether or not an object in Maintenance Mode is viewable, as being in Maintenance Mode, on the Monitoring Station. Operators with the appropriate privileges and Application Layout Filtering can view objects in Maintenance Mode.

Architecture

The objective of C•CURE 9000 ThyssenKrupp Elevator Integration is to provide a standard interface between the ThyssenKrupp elevator system, and C•CURE 9000 security system. Figure 1 shows the C•CURE 9000 ThyssenKrupp Elevator Integration architecture.

When the ThyssenKrupp driver is started all the Kiosks get the default Landing Matrix. C•CURE 9000 journals access/denied and updated the ThyssenKrupp about the status. ThyssenKrupp driver based on the access gets the clearance Landing Matrix for the person and sends to Elevator.

The changes in status are communicated to the C•CURE 9000 as event messages. C•CURE 9000 processes these event messages in accordance with the ThyssenKrupp Elevator Integration objects configuration in the C•CURE 9000.

You can access the ThyssenKrupp Elevator Integration interface from the C•CURE 9000 Administration Workstation by clicking Hardware. In the Hardware pane you can access an existing ThyssenKrupp Elevator System or create a new one.

Figure 1: C•CURE 9000 ThyssenKrupp Elevator Integration Architecture
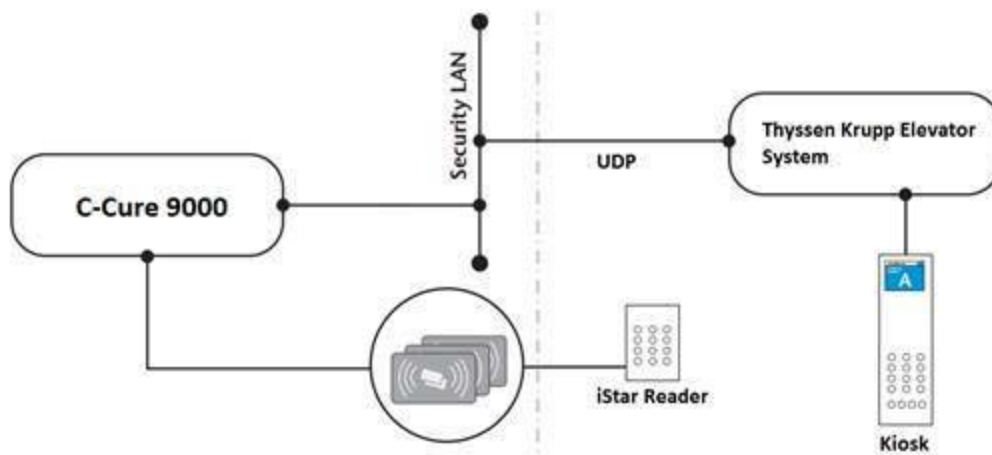
Terminology

Table 1 lists some terms and definitions related to the C•CURE 9000 ThyssenKrupp Elevator Integration.

Table 1: C•CURE 9000ThyssenKrupp Elevator Integration Terminology

Term	Definition
ES	Elevator System. ES includes the Destination Dispatch system and all other elevator system devices. In this integration ES is the ThyssenKrupp Destination Dispatch Elevator System.
SS	Security System. SS is the Access Control Device. For this integration SS is the C•CURE 9000
DED	Data Entry Device. A DED is a touch screen or keypad device that is used for passenger interaction with theThyssenKrupp Elevator System for selecting the landing. In this integration, DED is the Elevator Kiosk.
CED	Credential Entry Devices. A CED is a device such as card reader which allows the user to present his/her credentials. In this integration, CED is iSTAR reader.

2

Installation

This chapter provides the instructions to install the ThyssenKrupp Integration software on a server or client system.

In this chapter

Installation Overview

Before installing the C•CURE 9000 ThyssenKrupp Elevator Integration software, you must first install the C•CURE 9000 software on your target computer. For information on installing C•CURE 9000, see the C•CURE 9000 Installation and Upgrade Guide.

Similar to the C•CURE 9000 system, the ThyssenKrupp Elevator Integration has client and server components. You must install the client components on every computer that runs C•CURE 9000 client applications, and you must install the server components on the server computer. The ThyssenKrupp Elevator Integration has the same hardware, software, and disk space requirements as C•CURE 9000; if the target computer can install C•CURE 9000, then it satisfies ThyssenKrupp Elevator Integration requirements.

The installation wizard prompts you to install the C•CURE 9000 ThyssenKrupp Elevator Integration software. You must perform the basic installation process on each computer in your C•CURE 9000 system. Be sure to close all C•CURE 9000 and virus--checking applications on client workstations before performing the installation. When you install the C•CURE 9000 ThyssenKrupp Elevator Integration interface, the installation program automatically creates a ThyssenKrupp Elevator System folder at the root level of the Hardware Tree.

Table 2 on Page 18 provides an overview of the steps to install and register the ThyssenKrupp Elevator System on each computer in your C•CURE 9000 security system.

Table 2: Standard Installation Tasks

Task	See...
1. Install C•CURE 9000.	C•CURE 9000 Installation and Upgrade Guide
2. Close any open applications and disable virus-checking software.	
3. Perform the pre-installation steps.	Before You Begin on Page 20 NOTE: You can stop the Crossfire services manually or during installation.
4. Get the ThyssenKrupp Elevator integration software.	Getting the ThyssenKrupp Integration Software on Page 21
5. Start the ThyssenKrupp Elevator integration installation program.	Installing the ThyssenKrupp Elevator Integration on Page 22
6. Verify the license for the ThyssenKrupp Elevator integration by running the License program on your server.	C•CURE 9000 Installation and Upgrade Guide
7. If you did not select to restart the Server Services during the installation, you must manually start the Server services and the ThyssenKrupp Elevator driver service.	Starting the Server Services on Page 26

Table 2-2 on page 2-3 provides the installation information on a MAS (Master Application Server) and SAS (Satellite Application Server) environment.

Table 3: Installation on MAS/SAS

Installation on a	Installs...
MAS (Master Application Server)	Nothing is installed. Installation on MAS is not supported.
MAS remote client and any other client systems.	• Only the ThyssenKrupp Elevator System client objects are installed • No server or database objects are installed.
SAS (Satellite Application Server)	All ThyssenKrupp Elevator System components and database are installed.
SAS remote client and any other client systems	• Only the ThyssenKrupp Elevator System client objects are installed • No server or database objects are installed.

Before You Begin

You should perform the following pre-installation steps described below:

Pre-installation Steps

- If you are installing ThyssenKrupp Integration on a corporate network, be sure to coordinate with your corporate network administrator.

- To perform the installation, you must have the appropriate Window's permissions. You must be in the local Administrators group, or have equivalent privileges. See the Microsoft Operating System documentation or your system administrator for more information.

- Two NIC cards on the system where the server is installed; one to communicate with the iSTAR panel and one to communicate with the ThyssenKrupp Elevator system.

Getting the ThyssenKrupp Integration Software

The ThyssenKrupp Integration software is located on the C•CURE 9000 3.00 installer, in the Integrations\Elevator\ThyssenKrupp folder, and can also be downloaded from the Software House website.

To Download the ThyssenKrupp Elevator Integration Software from the Software House Website

1. Open a browser and navigate to www.swhouse.com.

2. Select **Products**, and then select **Software Downloads** in the list.

3. When the login page opens, log in. If you do not have account, you must create one.

4. On the Software Downloads page, select **Connected Partner Program**.

5. Click **Elevator** to display the **Elevator Driver Downloads** list.

6. From the **Elevator Driver Downloads** list, navigate to the **ThyssenKrupp Elevator** section.

7. Select the ThyssenKrupp Elevator driver link for the version of C•CURE 9000 that you have installed.

8. Unzip the files to the folder on your local computer, or to a shared drive on the network.

Installing the ThyssenKrupp Elevator Integration

To Install ThyssenKrupp Elevator Integration from a Local Drive (DVD or Download)

1. Log into the Server or Client machine with Administrative privileges.

2. Navigate to the directory that contains the integration installation software.

3. Navigate to the **Integrations\Elevator\ThyssenKrupp** folder.

To Install ThyssenKrupp Elevator from a Network Drive

1. Log into the Server or Client machine with the Administrative privileges.

2. Map the shared drive (download area where you copied the ThyssenKrupp Elevator software integration folder).

Running the Setup Program

To Run the Installation Program

| NOTE	Before installing the ThyssenKrupp Elevator Integration, follow the below steps:
	1. Close the C•CURE 9000 Administration Station and Monitoring Station.
	2. Open the C•CURE 9000 Server Configuration Application and stop the following server services.
	• CrossFire Framework Service
	• CrossFire Server Component Framework Service
	3. Close the C•CURE 9000 Server Configuration Application

1. Open the **ThyssenKrupp** folder and double-click the **ThyssenKrupp_Integration.exe**. The **End User License Agreement** dialog box appears, as shown in Figure 2 on Page 22.

**Figure 2:** License Agreement Dialog Box

2. Select the **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, as shown in Figure 3 on Page 23.

Figure 3: Tyco CrossFire Service Alert Dialog Box
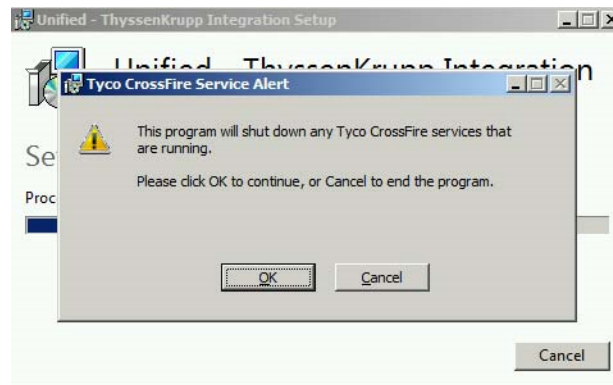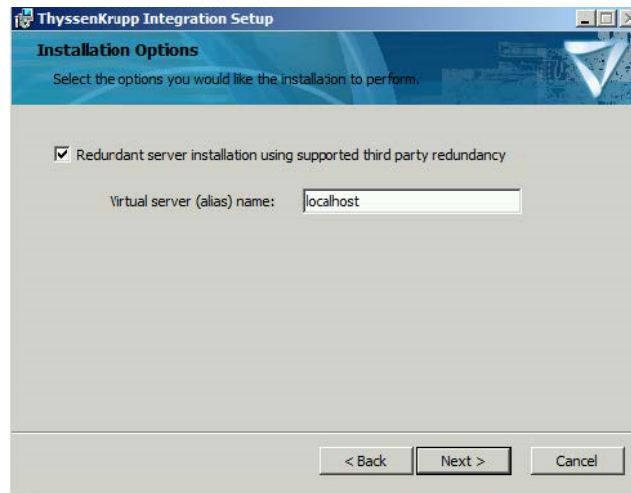

3. Click **OK** to continue with the installation. The **Welcome to the Integration Setup Wizard** appears, as shown in Figure 4 on Page 23.

Figure 4: Welcome to the Integration Setup Wizard
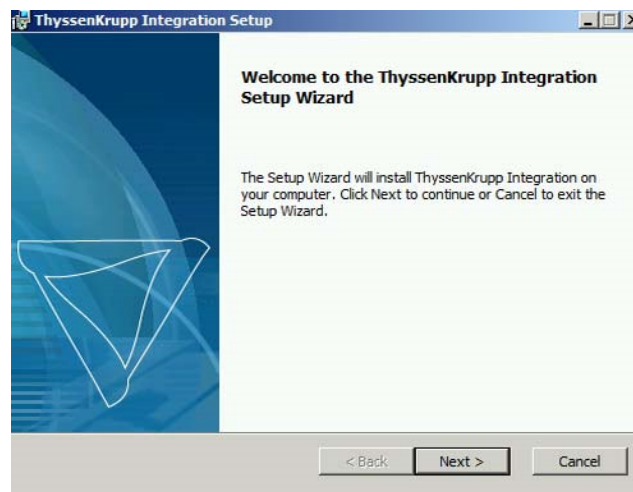

4. Click **Next** to continue with the installation. The **Installation Options** dialog box appears, as shown in Figure 5 on Page 24.

Figure 5: Installation Options

5. If you choose to enable the driver for redundancy, select the **Redundant server installation using supported third party redundancy** check box and enter the Virtual sever (alias) name. Otherwise, just click **Next**. The **Ready to Install the Integration** dialog box appears, as shown, in Figure 6 on Page 24.

Figure 6: Ready to Install Dialog Box
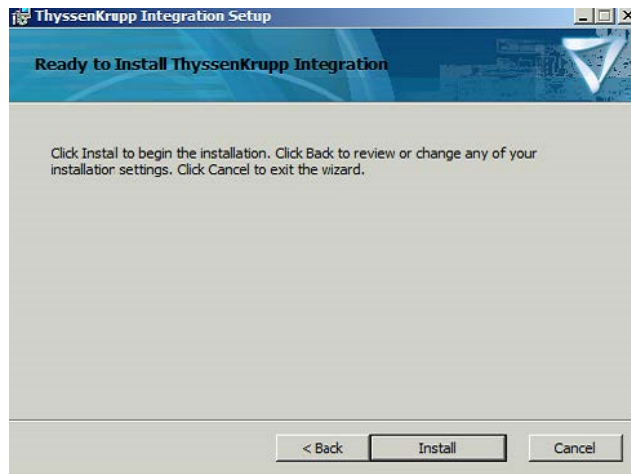
6. Click **Install** or click **Back** to modify the installation settings. After a few minutes, the **Completed the Integration Setup Wizard** appears as shown in Figure 7 on Page 25. If you select **Cancel**, installation will roll back to clean state.
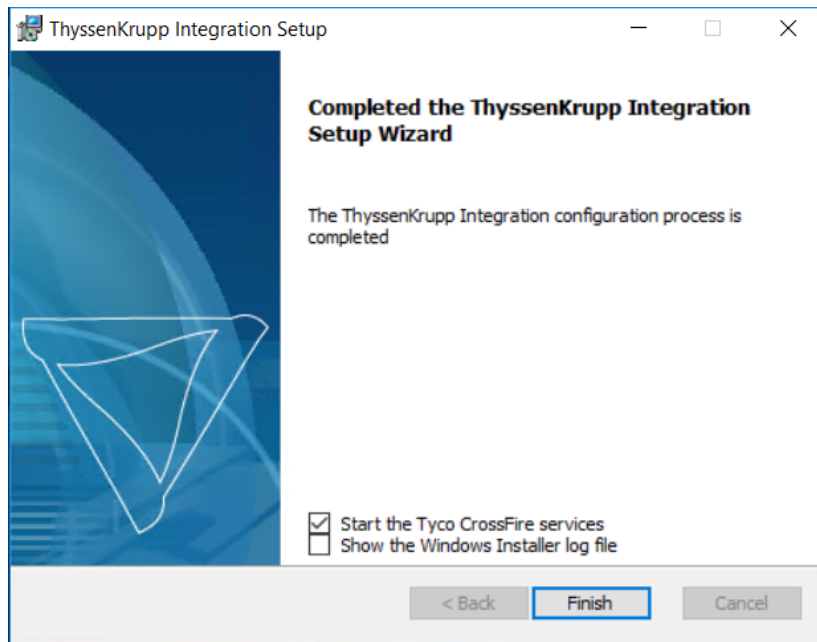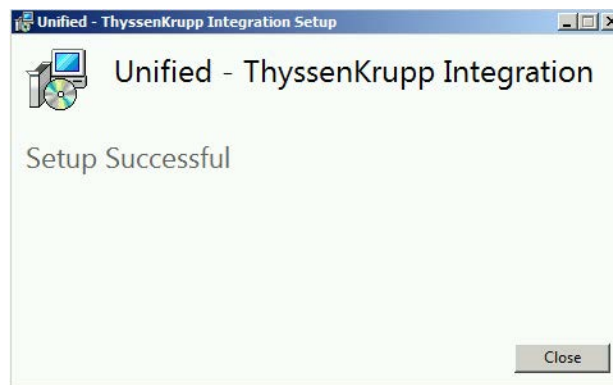
7. Click **Finish** to complete the installation process. The **Setup Successful** dialog box, as shown in Figure 8 on Page 25, appears.

   Note: The **Start the Tyco CrossFire services** check box is selected by default. You can disable this option if you do not want to restart the CrossFire services immediately.

Figure 8: Setup Successful Dialog Box

8. Click **Close** to exit the Installation.

Upgrading the ThyssenKrupp Elevator System Integration

- To upgrade the ThyssenKrupp Elevator integration from v2.80 to v3.00: Upgrade C•CURE 9000 v2.80 to C•CURE 9000 v3.00 and then install the associated ThyssenKrupp Elevator 3.00 integration.

- To upgrade the ThyssenKrupp Elevator integration from v2.90 to v3.00: Upgrade C•CURE 9000 v2.90 to C•CURE 9000 v3.00 and then install the associated ThyssenKrupp Elevator v3.00 integration.

NOTE	For the redundant environment, if you have not provided the Virtual sever (alias) name during installation or want to modify the Virtual sever (alias) name after installation, do the following:

1. Navigate to the folder **.../Tyco/CrossFire/ServerComponents**.

2. Open the file **ThyssenKrupp_Integration.exe** file.

3. Scroll down to the client section and for all the **<endpoints>** change the **localhost** to the required Virtual sever (alias) name except for the endpoint name="TraceViewerURI

Starting the Server Services

Before you can configure ThyssenKrupp Elevator integration object, the CrossFire Framework Service, CrossFire Server Component Framework Service, and the ThyssenKrupp Integration Service must be running.

To Start the Server Services

1. From the Start Menu, select **Start>All Programs>Tyco>Server Configuration**. The Server Configuration Application opens.

2. Click the **Services** tab.

3. If the Status is displayed as "Stopped" for the **CrossFire Framework Service** under Framework Services, click **Start**.

4. If the Status is displayed as "Stopped" for the **CrossFire Server Component Framework Service** under Framework Services, click **Start**.

5. After the CrossFire Framework Service and CrossFire Server Component Service displays a status of "Running", click the **Server Components** tab.

6. If the Status is displayed as "Stopped" for the **ThyssenKrupp Elevator Driver Service** in Extension Services, click in the **Enabled** check box and then click **Start**.

7. When the status of the ThyssenKrupp Elevator Integration Service changes to **Running** you can use the ThyssenKrupp Elevator Integration software.

When the CrossFire Framework Service, CrossFire Server Component Framework Service, and ThyssenKrupp Elevator Integration Service each display a Status of "Running", you can configure ThyssenKrupp Elevator objects. You only have to enable these services once.

Uninstalling the ThyssenKrupp Elevator Integration

This section describes how to uninstall the ThyssenKrupp Elevator Integration software from the Server computer and Client computers of your security system.

The uninstall removes all software components that were installed on the computer by the ThyssenKrupp Elevator integration installation. Once the uninstall process completes, the computer will be in "clean" state.

| NOTE	Uninstalling this integration does not automatically removes objects that were configured in the C•CURE 9000 using it. Before you proceed with this uninstall, you MUST manually remove the objects from C•CURE 9000 to avoid potential issues with functions, such as partition deletion. Unless you intend to reinstall the integration and continue using it, please ensure that the objects are deleted before removing the integration.

NOTE	Please be advised that the ThyssenKrupp Elevator integration will shut down and restart the C•CURE 9000 services. Therefore, the ThyssenKrupp Elevator integration uninstall should be planned accordingly.

To Uninstall the ThyssenKrupp Elevator Integration

1. Close the C•CURE 9000 Administration Workstation and the Monitoring Station.

2. Open the C•CURE 9000 Server Configuration Application, and stop the following server services:

   - CrossFire Framework Service
   - CrossFire Server Component Framework Service
   - ThyssenKrupp Driver Service

3. Close the C•CURE 9000 Server Configuration Application.

4. From the Windows Start menu, select **Control Panel> Programs and Features**.

5. In the list, click **Unified – ThyssenKrupp Integration** to highlight it.

6. Click the **Uninstall** button above the list. Alternatively, right-click **Unified – ThyssenKrupp Integration**, and then select **Uninstall**. The **Modify Setup** dialog box opens.

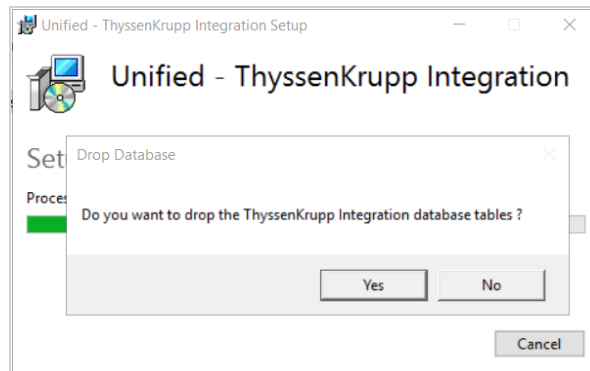**Figure 9:** Modify Setup Dialog Box
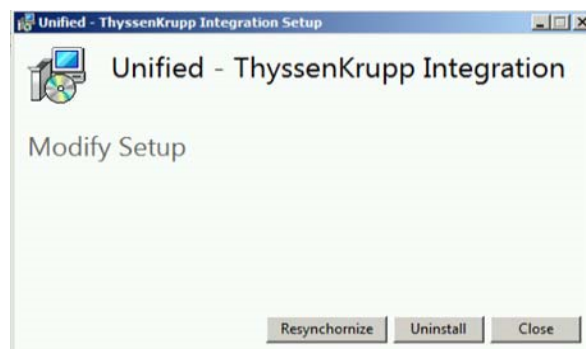
7. Click **Uninstall**.

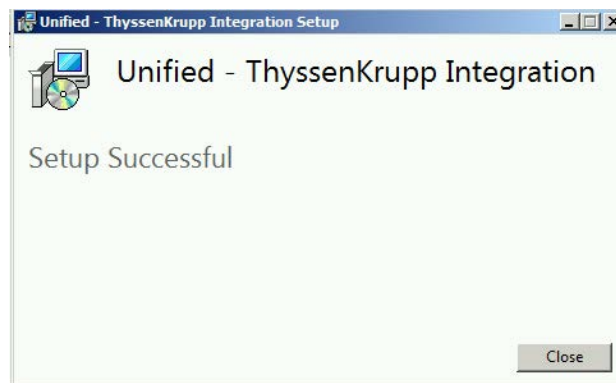   On the **Drop Database** window, select one of the following options:

- Click **Yes** to delete the database used in the ThyssenKrupp integration.
- Click **No** to retain ThyssenKrupp integration tables.

Figure 10: The Drop Database window

8. The **Setup Successful** dialog box appears.

Figure 11: Setup Successful Dialog Box

Note: The ThyssenKrupp integration shuts down and restarts the CrossFire services. Plan the ThyssenKrupp integration uninstallation accordingly.

3

ThyssenKrupp Elevator System Configuration

This chapter provides instructions on how to configure ThyssenKrupp Elevator integration to communicate with C•CURE 9000.

In this chapter:

ThyssenKrupp Elevator Configuration Sequence Overview

Table 4 on Page 30 provides an overview of the sequence of the tasks necessary to configure the ThyssenKrupp Elevator System, and where to find the configuration information.

Table 4: ThyssenKrupp Elevator Configuration: Order of Tasks

|	
1. Give the Elevator System a name and assign a description (optional). 2. Assign the Elevator Group Number. 3. Assign the Broadcast Server IP address and the Broadcast Server IP subnet mask. 4. Enable the configuration 5. Save the configuration NOTE: The remaining tabs in this dialog box are not used until the Landing and Landing Index are configured.	ThyssenKrupp Elevator System dialog box. See "ThyssenKrupp Elevator System Configuration" on Page 29
6. Configure a Default Landing Matrix and select a pre-configured clearance. 7. Save the configuration	ThyssenKrupp Default Landing Matrix dialog box- General Tab See "ThyssenKrupp Default Landing Matrix Configuration" on Page 48
8. Create a Landing. 9. Assign a Landing Index 10. Save the configuration	ThyssenKrupp Landing- General Tab See "Accessing the ThyssenKrupp Landing Dialog Box" on Page 56
11. Configure the Clearance Landing Matrix 12. Save the configuration.	ThyssenKrupp Clearance Landing Matrixdialog box-General Tab. See "ThyssenKrupp Clearance Landing Matrix Configuration" on Page 69
13. Assign Kiosk ID, and a pre-configured door to the Landing. 14. Save the configuration.	ThyssenKrupp Kiosk dialog box- General Tab. See "ThyssenKrupp Kiosk Configuration" on Page 77.
15. Assign the Landing Triggers and Events to the Elevator System. 16. Save the configuration.	ThyssenKrupp Elevator System dialog box. See "ThyssenKrupp Elevator System Configuration" on Page 29

Accessing the ThyssenKrupp Elevator System Editor Dialog Box

This section explains how to access the ThyssenKrupp Elevator System Editor in the C•CURE 9000.

To Access the ThyssenKrupp Elevator System Editor

1. Open the C•CURE 9000 Administration station

2. Click on the **Hardware** Pane.

3. Click on the Hardware drop-down menu and select **Hardware Folder**.

4. Right-click on the **CompanyName** folder and select **ThyssenKrupp**.
   Elevator System> New as shown in Figure 12 on Page 32.

Figure 12: Access the ThyssenKrupp Elevator System Dialog Box
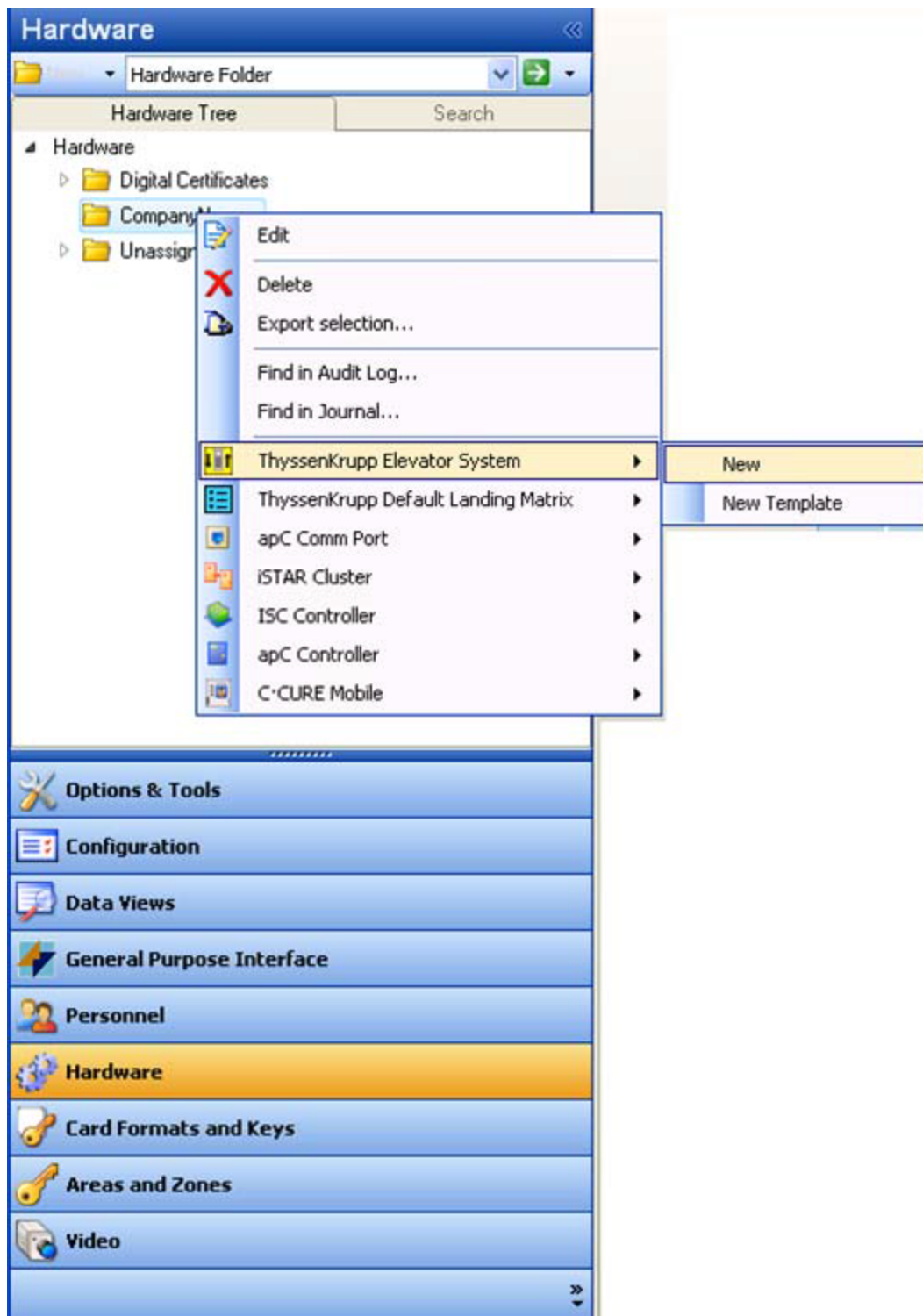
The ThyssenKrupp Elevator System dialog box, shown in Figure 13 on Page 33, opens with the General tab selected.

ThyssenKrupp Elevator System Editor Dialog Box

The ThyssenKrupp Elevator System Editor dialog box, shown in Figure 13 on Page 33 , is used to create and identity the elevator system, enter IP addresses for the broadcast server and broadcast server subnet mask, configure triggers and events, view Landings in the Elevator Group, and optionally change state images.

Figure 13: ThyssenKrupp Tree Elevator System- General Tab

For more information, see the following:

- "ThyssenKrupp Elevator System Editor Dialog Box Definitions" on Page 33
- "ThyssenKrupp Elevator System Editor Tasks" on Page 35
- "ThyssenKrupp Elevator System Editor Tabs" on Page 36

ThyssenKruppElevator System Editor Dialog Box Definitions

Table 5 on Page 34 describes ThyssenKrupp Elevator System Editor dialog box fields and buttons.

Table 5: ThyssenKrupp Elevator System Editor Dialog Box Definitions

Field	Description
Name	Enter a unique name up to 100 characters long for the ThyssenKrupp Elevator System.
Description	Enter a general description, upto 500 characters, to identify the ThyssenKrupp Elevator System.
Enabled	Select the Enabled option to establish the communication between C•CURE 9000 and the ThyssenKrupp Elevator System. NOTE: If you cannot establish communication successfully, please check your connection.
Maintenance Mode	Select the Maintenance Mode check box to limit information about the object when displayed in the Monitoring Station. Maintenance Mode only affects object reporting in the Monitoring Station. For more information see Maintenance Mode on Page 14.
Group Number	Enter the Group Number between 1 and 15 which uniquely identifies the Elevator System.
Broadcast Service IP Address	Address Enter the IP address of the system ThyssenKrupp elevator service is installed.
Broadcast Service IP Address Subnet Mask	Enter the Subnet mask for the local IP address.

ThyssenKrupp Elevator System Editor Tasks

This section describes the tasks performed in the ThyssenKrupp Elevator System Editor Dialog Box.

The following tasks are performed in the ThyssenKrupp Elevator System Editor dialog box.

- "Creating a ThyssenKrupp Elevator System" on
- "Creating a ThyssenKrupp Elevator System Template" on
- "Editing a ThyssenKrupp Elevator System" on
- "Deleting a ThyssenKrupp Elevator System" on

Creating a ThyssenKrupp Elevator System

Creating a ThyssenKrupp Elevator System

1. Open the C•CURE 9000 Administration station.
2. Click on the **Hardware** Pane.
3. Click on the Hardware drop-down menu and select **Hardware Folder**.
4. Right-click on the **CompanyName** folder and select **ThyssenKruppElevator System> New**.

   Alternatively, you can create a new folder by clicking on New located next to the Hardware drop-down menu.

   ThyssenKrupp Elevator System Editor opens. See "ThyssenKrupp Elevator System Editor Dialog Box" on

5. Enter a name for elevator group in the **Name** field.
6. Enter a description (optional) for the elevator group in the **Description** field.
7. Click on the **General** tab and perform the following:
   a. Enter the local IP address on which C•CURE 9000 starts UDP broadcast in the **Broadcast Service IP Address.**
   b. Enter the local IP address for the subnet mask on which C•CURE 9000 starts UDP broadcast in the **Broadcast Service IP Address Subnet Mask**.
8. Click **Save and Close**.

   The Elevator System is listed under the **CompanyName** folder in the Hardware Tree.

9. Go to "ThyssenKrupp Elevator System Configuration" on to configure the default landing matrix, or go to "ThyssenKrupp Landing Configuration" on to configure the landing matrix.

Creating a ThyssenKrupp Elevator System Template

You can create a new ThyssenKrupp Elevator System template to store commonly used settings to create new ThyssenKrupp Elevator System. You can use this template with the stored field settings for reference to create similar ThyssenKrupp Elevator System.

To Create a Template

1. Open the C•CURE 9000 Administration station
2. Click on the **Hardware** Pane.
3. Click on the Hardware drop-down menu and select **Hardware Folder.**

4. Right-click on the **CompanyName** folder and select **ThyssenKrupp Elevator System> New Template**.

5. Enter the information for the template.

6. Click **Save and Close**.

The new template is listed under **ThyssenKrupp Elevator System >***Templates*

Editing a ThyssenKrupp Elevator System

To Edit a ThyssenKrupp Elevator System

1. Double-click on the Elevator System under the Hardware Folder in the Hardware tree to open the ThyssenKrupp Elevator System dialog box. ThyssenKrupp Elevator System Editor Tasks C•CURE 9000 ThyssenKrupp Elevator Integration User Guide 3–9 (Alternatively, you can right-click on the Elevator System and select Edit from the context menu)

2. Make the changes.

3. Click **Save and Close**.

Deleting a ThyssenKrupp Elevator System

NOTE	The Elevator System Kiosk and Landing configurations must be deleted before you can delete the Elevator System.

To Delete a ThyssenKrupp Elevator System

1. Click on the Elevator System under the **CompanyName** folder in the Hardware tree.

2. Click on a Landing to expand the Kiosk configurations.

3. Right-click on the Kiosk configuration and select **Delete** from the context menu.

4. Repeat step 3 for all Kiosk configurations listed under the Landing.

5. Right-click on the Landing and select **Delete** from the context menu.

6. Right-click on the Elevator System and select **Delete** from the context menu.

ThyssenKrupp Elevator System Editor Tabs

The following section provides information about the ThyssenKrupp Elevator

System Editor tabs:

- "Landing Tab" on
- "Triggers Tab" on
- "Status Tab" on
- "Override Tab" on
- "State Images Tab" on

Landing Tab

The Landing tab, shown in Figure 14 on Page 37, lists all the configured Landings for the elevator group. This tab is read-only.

Figure 14: ThyssenKrupp Elevator System- Landing Tab

For more information, see the following:

- "Landing Tab Definition" on Page 37

Landing Tab Definition

Page 38 lists the definitions of the ThyssenKrupp Elevator System Landing Tab.

Table 6: ThyssenKrupp Elevator Configuration: Landing Tab

Field	Description
Landing Index	Landing index is the index associated with Landing. It is retrieved automatically from Elevator System during auto configuration.
Landing Name	Landing name is the textual description for Landing.

Triggers Tab

The Triggers tab, shown in , is used to configure triggers to activate events.

Triggers are configured procedures used by C•CURE 9000 to activate specific actions when a particular predefined condition occurs. Once the Elevator status matches one of these values, the linked Activate Event action is triggered and the user-specified event is set to an active state (if allowed by the event, which should be armed at the time). Typically, you would use the activated event to send messages to a security guard or administrator when an elevator has a particular status.

By creating new rows and selecting different values for each row, each value of the Status field can trigger its own event. It is also possible to trigger two different events for the same status value by creating two rows with the same value and then linking each row to its own event.

Supported triggers are Offline and Online.

For more information, see the following:

- "Triggers Tab Definition" on
- "Triggers Tab Tasks" on

Triggers Tab Definition

The ThyssenKrupp Elevator System Editor- Triggers tab field and buttons are described in Table 7 on Page 41

Fields	Description
Add	Click ⇨Add in the Triggers tab to create a new Trigger.
Remove	Click the row and click ⇨Remove in the Triggers tab to delete a trigger.
Property	Click inside the Property field, and then click [...]. The Property browser opens presenting properties available for the want to add
Value	Select a value from the available options in the drop down list. • Online: ThyssenKrupp Elevator System is online in this state. • Offline: ThyssenKrupp Elevator System is offline in this state. NOTE: The **Value** field is enabled only if the **Property** field is selected.
Action	Click on the drop-down menu to select an action to occur. This action selected will occur when the object's selected Property receives the selected Value.
Details	Displays the details of the selected action. The details vary according to the selected action. NOTE: The **Details** field is automatically updated with the **Event** option selected by you.

Triggers Tab Tasks

The following tasks are performed in the Triggers tab:

■ "Selecting Triggers to Activate Events" on

■ "Deleting Triggers and Events" on

Selecting Triggers to Activate Events

To Select Triggers to Activate Events

1. Click on **Triggers** Tab.

2. Click on **Add** button.

3. Click in the blank field under the **Property**, and the click on the selection button [...].

4. Click on the Property in the table and select it.

5. Click in the blank field under **Value**.

6. Click on the drop-down menu and select **Offline** or **Online**.

7. Click on the drop-down menu under **Action** and select **Activate Event**.

   The Event field appears at the bottom of the dialog box.

8. Click on the selection button [...].

9. Click on a pre-configured event to activate.

10. Click **Save and Close.**

Deleting Triggers and Events

To Delete a Trigger and Event from the Elevator Group

1. Click on the row selector button ▶ to select the row.

2. Click the **Remove** button.

Status Tab

The Status tab, in on , provides read-only information

about the operational status of the elevator system.

Supported values are:

- Online
- Offline
- Unknown

To check the status of the Elevator System, see Table 3-5 on page 3-16.

ThyssenKrupp Elevator System- Status Tab

Override Tab

The Override tab, shown in Figure 16, is used to select a pre-configured personnel that will be exempt from the manual secure landing action. The exempt personnel group will have access to the landing when it is in the secured state.

For more information see:

- "Override Tab Definition" on Page 45
- "Override Tab Tasks" on Page 45

Figure 16: ThyssenKrupp Elevator System- Override Tab

Override Tab Definition

Table 3-5 on page 3-18 describes the ThyssenKrupp Elevator System **Override** tab field.

Table 8: ThyssenKrupp Elevator System- Override Tab Definitions

Field	Description
Exemption Group	Click on the select button [...] to select the Exemption Group.

Override Tab Tasks

The following task is performed in the Override tab.

■ "Selecting an Exemption Group" on

Selecting an Exemption Group

To Select an Exemption Group

1. Click on the **Override** tab.

2. Click on the select button [...] located to the right of the **Exemption Group**. The group window appears.

3. Click on the row below the **Name** field.

4. Click on the drop-down arrow to select the exempt personnel group.

5. Click **Save and Close.**

To create an Exemption Group see "Creating an Exemption Group" on

Creating an Exemption Group

To Create an Exemption Group

1. In the Navigation Pane of the Administration Workstation, click the **Configuration** pane button.

2. Select **Group** from the Configuration pane drop-down list.

3. Click **New** to create a new Group. The Group Editor opens and you can configure the Group.

4. Click [...] to open the **Select Type** dialog box.

5. In the drop-down list select **Personnel**.

6. Click **Add** to add security objects to the Group. The Name Selection dialog box showing a list of objects of the same type appears.

7. Select the objects you wish to add to the Group and click **OK** to add them.

8. To save your new Group, click **Save and Close**.

State Images Tab

The State Images tab, shown in Figure 17, displays the current elevator system images that display in the Monitoring Station to represent activities concerning the elevator system. You can select other images to display for this elevator and return back to the default images, as described in this section.

For more information see:

- "State Images Tab Definitions" on Page 47
- "State Images Tab Tasks" on Page 47

Figure 17: ThyssenKrupp Elevator System- State Images Tab

State Images Tab Definitions

See Table 9 on Page 47 for more information on the ThyssenKrupp Elevator System **State Images** Tab.

Table 9: ThyssenKrupp Elevator System- State Images Tab

Images	Description
Unknown	Displays the ThyssenKrupp Elevator System unknown state when the system is either not configured or not connected.
Online	Displays the state whenThyssenKrupp Elevator System is online.
Offline	Displays the state when ThyssenKrupp Elevator System is offline.

State Images Tab Tasks

The following tasks are performed in the State Images tab:

- "Replace a State Image" on Page 47
- "Restore the Default State Image" on Page 47

Replace a State Image

To Replace an Image

1. Double-click the default image in the tab to open a Windows file selection dialog box.

2. If necessary, browse to find the new image.

3. Select the desired image and click **Open**.

The new image replaces the default image and displays in the State Images tab.

Restore the Default State Image

To Restore the Default Image

1. Right-click on the image in the State Images tab and select **Restore Default.**

4

ThyssenKrupp Default Landing Matrix Configuration

This chapter provides instructions on how to configure ThyssenKrupp Landing Matrix to communicate with C•CURE 9000.

In this chapter

Accessing the ThyssenKrupp Default Landing Matrix Dialog Box

This section describes how to access the ThyssenKrupp Default Landing Matrix dialog box.

1. Open the C•CURE 9000 Administration Station.

2. Click on the **Hardware** Pane.

3. Click on the Hardware drop-down menu and select **Hardware Folder**.

4. Right-click on the **CompanyName** folder and select **ThyssenKrupp Default Landing Matrix>New**, as shown in .

The Landing Matrix defines the 128 front and 128 rear cab doors that can be accessed by cardholders who have a clearance associated to the landing matrix.

Figure 18: Access the ThyssenKrupp Default Landing Matrix Dialog Box

The ThyssenKrupp Default Landing Matrix dialog box, as shown in Figure 19 on Page 51, opens.

ThyssenKrupp Default Landing Matrix Dialog Box

The Default Landing Matrix dialog box, shown in Figure 19 on Page 51, is used to configure a common access Landing Matrix with no personnel clearances.

Figure 19: ThyssenKrupp Default Landing Matrix- General Tab
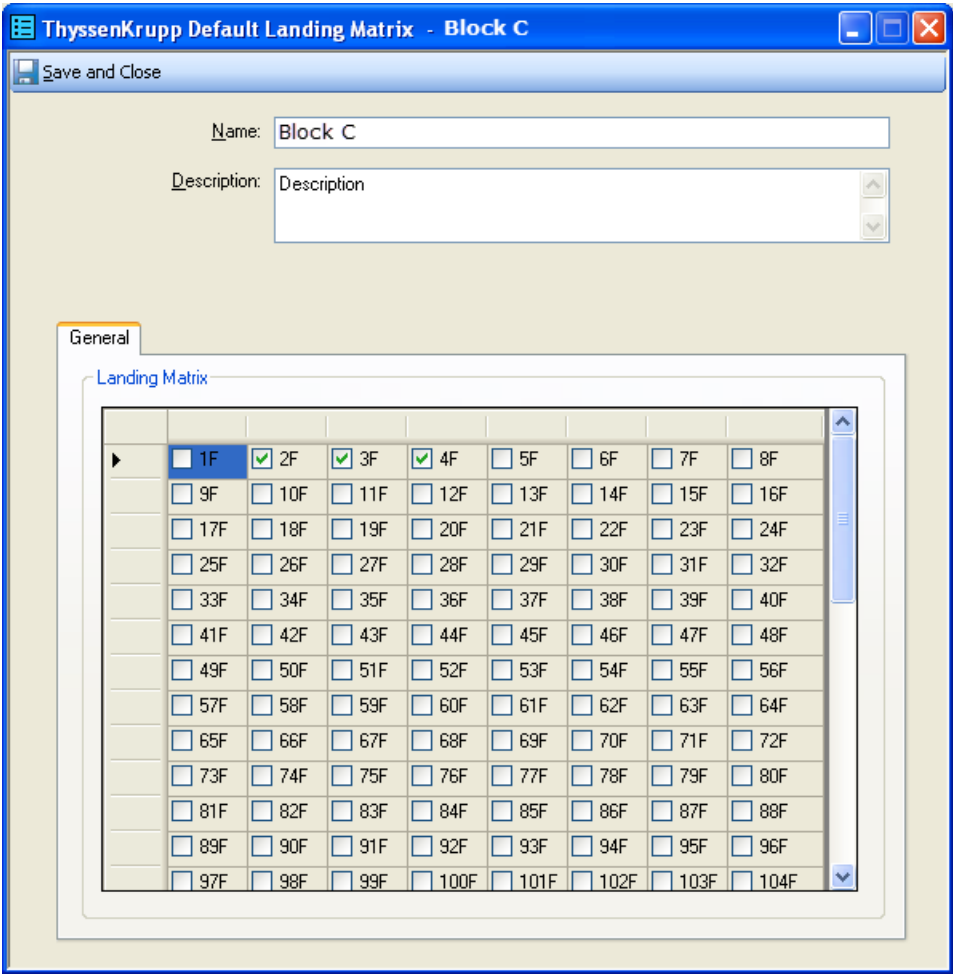
For more information, see the following:

- "ThyssenKrupp Elevator Default Landing Matrix Dialog Box Definitions" on Page 52
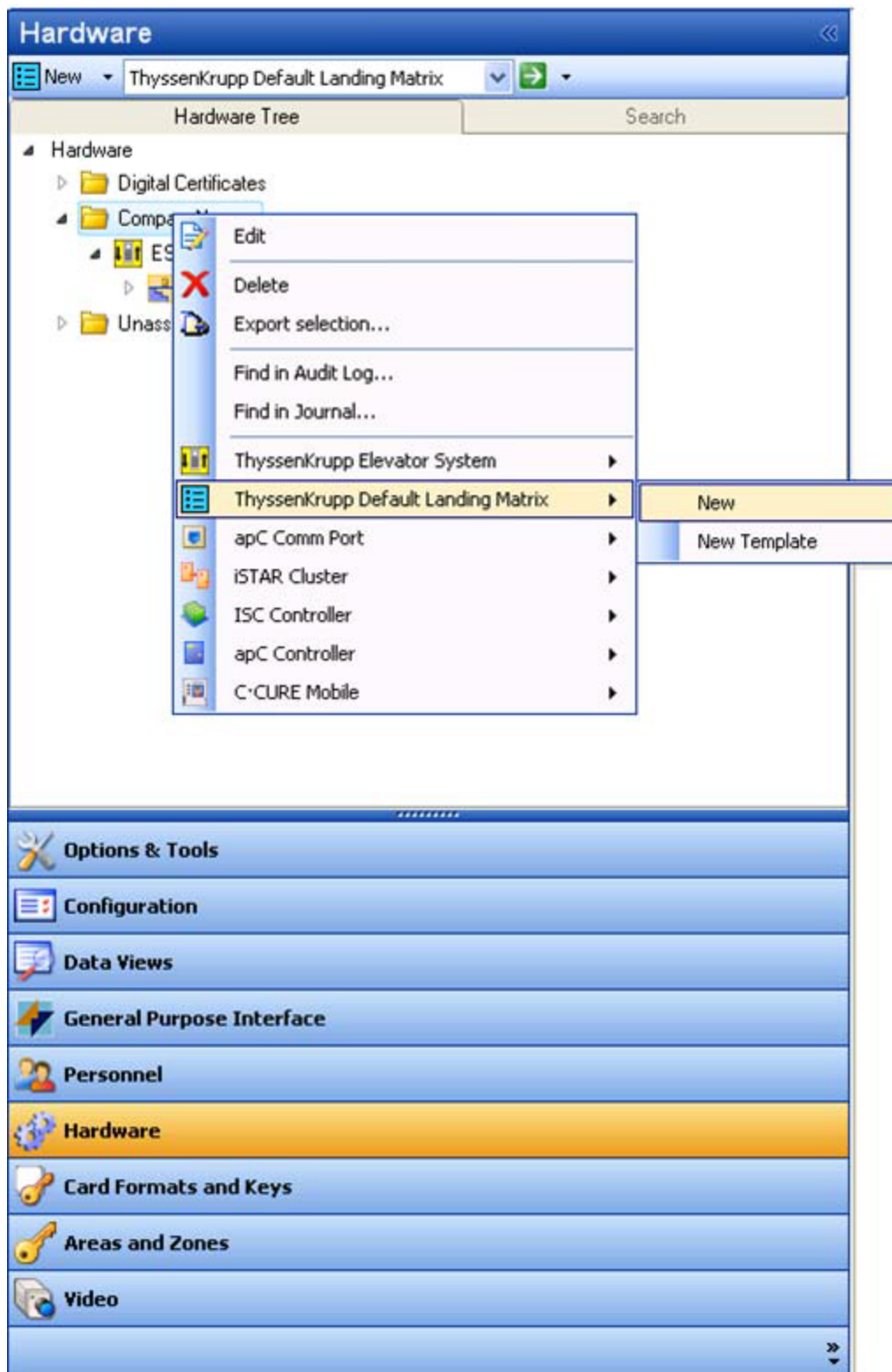- "ThyssenKrupp Elevator Default Landing Matrix Tasks" on Page 53

ThyssenKrupp Elevator Default Landing Matrix Dialog Box Definitions

describes ThyssenKrupp Elevator Landing dialog box fields and buttons.

Table 10: ThyssenKrupp Default Landing Matrix- General Tab Definitions

Field	Description
Name	Enter a unique name up to 100 characters long for the ThyssenKrupp Default Landing Matrix.
Description	Enter a general description, upto 500 characters, to identify the ThyssenKrupp Default Landing Matrix.
General Tab	
Landing Matrix	Select the Landing Matrix. You can select Front Door or Rear Door or both. A check indicates access allowed while the absence of a check indicates no access.

ThyssenKrupp Elevator Default Landing Matrix Tasks

This section describes the following tasks:

- "Creating a Default Landing Matrix" on
- "Editing a Default Landing Matrix Configuration" on
- "Viewing Default Landing Matrix Configuration" on
- "Deleting a Default Landing Matrix Configuration" on
- "Creating a Default Landing Matrix Template" on

Creating a Default Landing Matrix

Creating a Default Landing Matrix

1. Right-click on the landing under the **CompanyName** folder in the Hardware tree and select **ThyssenKrupp Default Landing Matrix> New.**

2. Enter a name, for the default landing matrix in the **Name** field.

3. Enter a description for the default landing matrix in the **Description** field.

4. Click on the selection icon located to the right of the Clearance Name field to open the Clearance dialog box.

5. Click on a clearance in the Clearance dialog box select it.

6. Click in the check boxes next to the floors that you want to include in the default landing matrix.

   - F = Front
   - R = Rear

7. Click **Save and Close**.

8. The default landing matrix is listed under **ThyssenKrupp Default Landing Matrix** in the tree under the **CompanyName** folder

Editing a Default Landing Matrix Configuration

To Edit a ThyssenKrupp Default Landing Matrix Configuration

Click on the arrow located to the left of the **CompanyName** folder.

1. Click on the arrow located to the left of the **ThyssenKrupp Default Landing Matrix**.

2. Click on the Elevator System under the CompanyName folder to select it.

3. Right-click on the default landing matrix that you want to edit and select **Edit** from the context menu.

   The ThyssenKrupp Default Landing Matrix dialog box opens.

4. Enter your edits.

5. Click **Save and Close.**

Viewing Default Landing Matrix Configuration

To View Default Landing Matrix Configurations

1. Double-click on the **ThyssenKrupp Default Landing Matrix** under the **CompanyName** folder.

   Default Landing Matrix configurations are displayed in the ThyssenKrupp Default Landing Matrix tab in the Dynamic View

Deleting a Default Landing Matrix Configuration

To Delete a ThyssenKrupp Clearance Landing Matrix Configuration

1. Click on the arrow located to the left of the **CompanyName** folder.

2. Click on the arrow located to the left of the **ThyssenKrupp Default Landing Matrix**. ThyssenKrupp Elevator Default Landing Matrix Tasks 4–8 C•CURE 9000 ThyssenKrupp Elevator Integration User Guide

3. Right-click on the default landing matrix that you want to delete and select **Delete** from the context menu.

   The Deleting ThyssenKrupp Default Landing Matrix objects dialog box opens.

4. Click **Yes** to confirm the deletion. The object is deleted.

5. Click OK to confirm that the object was deleted.

Creating a Default Landing Matrix Template

To Create a ThyssenKrupp Default Landing Matrix Template

1. Right-click on the **CompanyName** folder and select **ThyssenKruppDefault Landing Matrix>New Template**.

2. Enter a name for the template in the **Name** field.

3. Enter a description (optional) in the **Description** field.

4. Click in the check boxes next to the floors that you want to include in the default landing matrix.
   - F = Front
   - R =Rear

5. Click **Save and Close** when done. The new template is listed under **ThyssenKrupp Default Landing Matrix> Templates.**

6. See the Table 10 on Page 52 to configure the ThyssenKrupp Default Landing Matrix Template.

7. Click **Save and Close** to save the new ThyssenKrupp Default Landing Matrix in ThyssenKrupp Elevator System folder in the Hardware Tree.

5

ThyssenKrupp Landing Configuration

This chapter describes how to configure the Landing using the ThyssenKrupp Landing dialog box.

In this chapter

Accessing the ThyssenKrupp Landing Dialog Box

ThyssenKrupp Landing Configuration allows you to configure the floors and to identify a Landing Index to be used by the Elevator System.

NOTE	The ThyssenKrupp Elevator System must be configured before you can access this dialog box. See Chapter 3: ThyssenKrupp Elevator System Configuration for more information.

To Access the ThyssenKrupp Elevator Landing

1. Right-click on the Elevator System name listed in the Hardware tree under the CompanyName folder and select ThyssenKrupp Landing as shown in Figure 20 on Page 57.

Figure 20: Access the ThyssenKrupp Landing Dialog Box
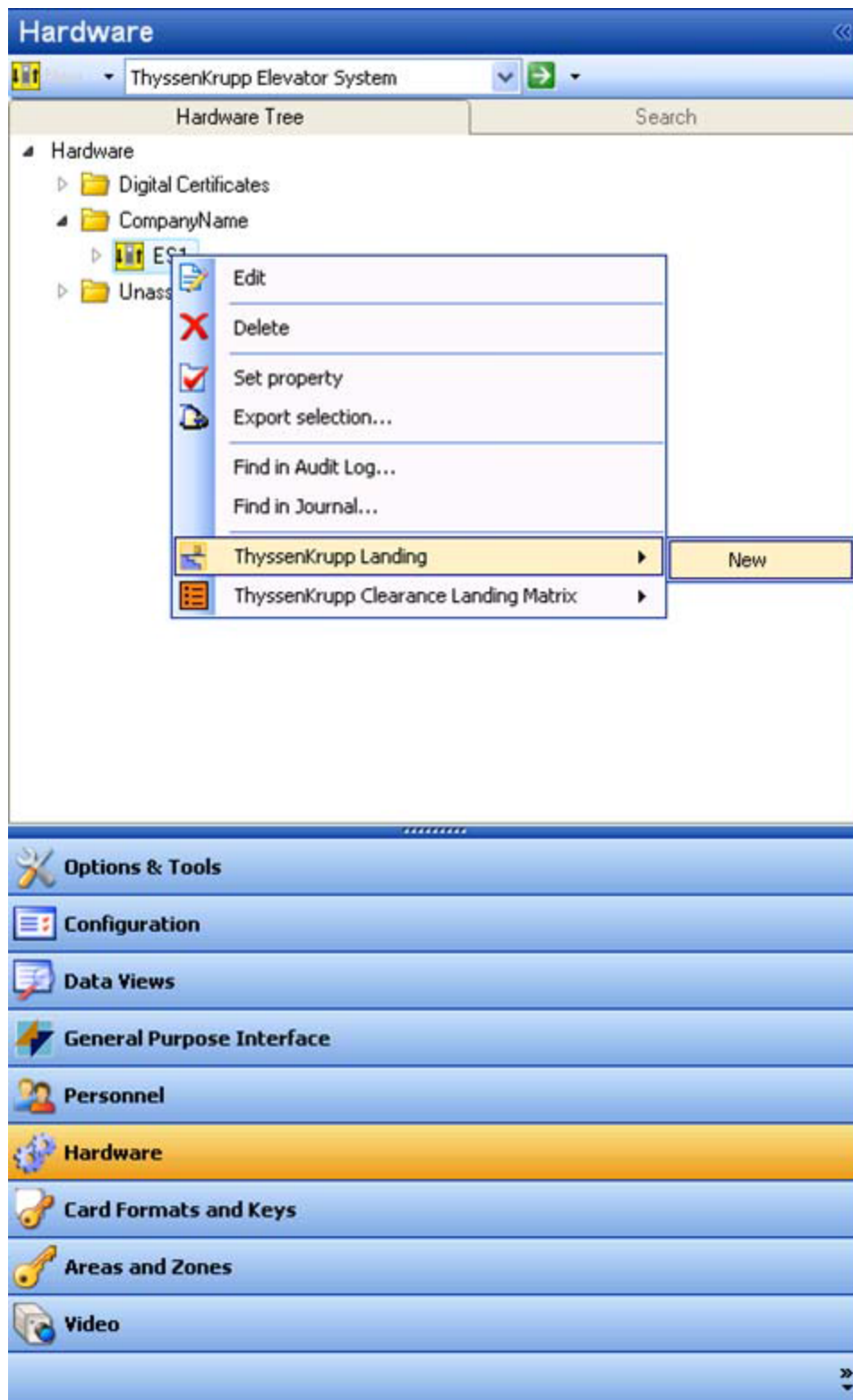
The ThyssenKrupp Elevator Landing dialog box, shown in Figure 21 on Page 58, opens.

ThyssenKrupp Elevator Landing Dialog Box

The ThyssenKrupp Elevator Landing dialog box, shown in Figure 21 on Page 58, lets you create a landing to be used by the Elevator System.

For more information, see the following:

■ "ThyssenKrupp Elevator Landing Dialog Box Definitions" on Page 58

■ "ThyssenKrupp Elevator Landing Dialog Box Tasks" on Page 59

Figure 21: ThyssenKrupp Landing- General Tab

ThyssenKrupp Elevator Landing Dialog Box Definitions

Table 11 on Page 59 describes the ThyssenKrupp Elevator Landing dialog box fields and buttons.

Field	Description
Name	Enter a unique name up to 100 characters long for the Landing.
Description	Enter a general description, upto 500 characters, to identify the ThyssenKrupp Landing.
Maintenance Mode	Select the Maintenance Mode check box to limit information about the object when displayed in the Monitoring Station. Maintenance Mode only affects object reporting in the Monitoring Station. For more information see Maintenance Mode on Page 14.
General Tab	
Elevator System	System Elevator System is the name of the ThyssenKrupp Elevator System.
Landing Index	Landing index is the index associated with Landing. The value is between 1 and 128.
Kiosk Map	
Kiosk ID	Kiosk ID is the unique identifier for the kiosk. It contains the Landing Number, Kiosk Number, and Front/Rear respectively.
Kiosk Name	Kiosk Name is the textual description for the Kiosk.
Door Name	Door Name is the textual description for the Door which is retrieved from C•CURE 9000.
Landing Matrix	Landing Matrix is the textual description for the associated Landing Matrix.
Override Status Tab	
Override Status	Displays the override details of the floor object. This field is read-only.

ThyssenKrupp Elevator Landing Dialog Box Tasks

This section describes the following:

- "Creating a Landing" on Page 59
- "Editing a Landing" on Page 60
- "Deleting a Landing" on Page 60

Creating a Landing

To Create a Landing

1. Right-click on the Elevator System in the tree and select **ThyssenKrupp Landing>New**.

2. Enter a numeric value of 1 to 128 to uniquely identify the landing in the **Landing Index** field.

3. Enter a description (optional) in the **Description** field for the Landing Index.

4. Click **Save and Close**.

5. Go to"ThyssenKrupp Clearance Landing Matrix Configuration" on Page 69 to configure the clearance for the landing.

Editing a Landing

To Edit a Landing

1. Double-click on the Landing configuration in the tree that you want to edit.

   Alternatively, you can right-click on the Landing configuration in the tree and select **Edit** from the context menu

2. Make the changes in the configuration.

3. Click **Save and Close.**

Deleting a Landing

To Delete a Landing

1. Right-click on the Landing configuration that you want to delete and select **Delete** from the context menu.

   Alternatively, you can select **ThyssenKrupp Landing** from the **Hardware** drop-down menu and click on the green right arrow ⏩ ▾ to open the Dynamic View displaying all Landings.

   The Deleting ThyssenKrupp Elevator Landing object dialog box opens.

2. Click **Yes** to confirm the deletion.

   The object is deleted.

3. Click **OK** to confirm that the object was deleted.

ThyssenKrupp Landing Tabs

The following section provides information about the ThyssenKrupp Landing tabs:

■ "Override Status" on Page 61

■ "State Images Tab" on Page 63

Override Status
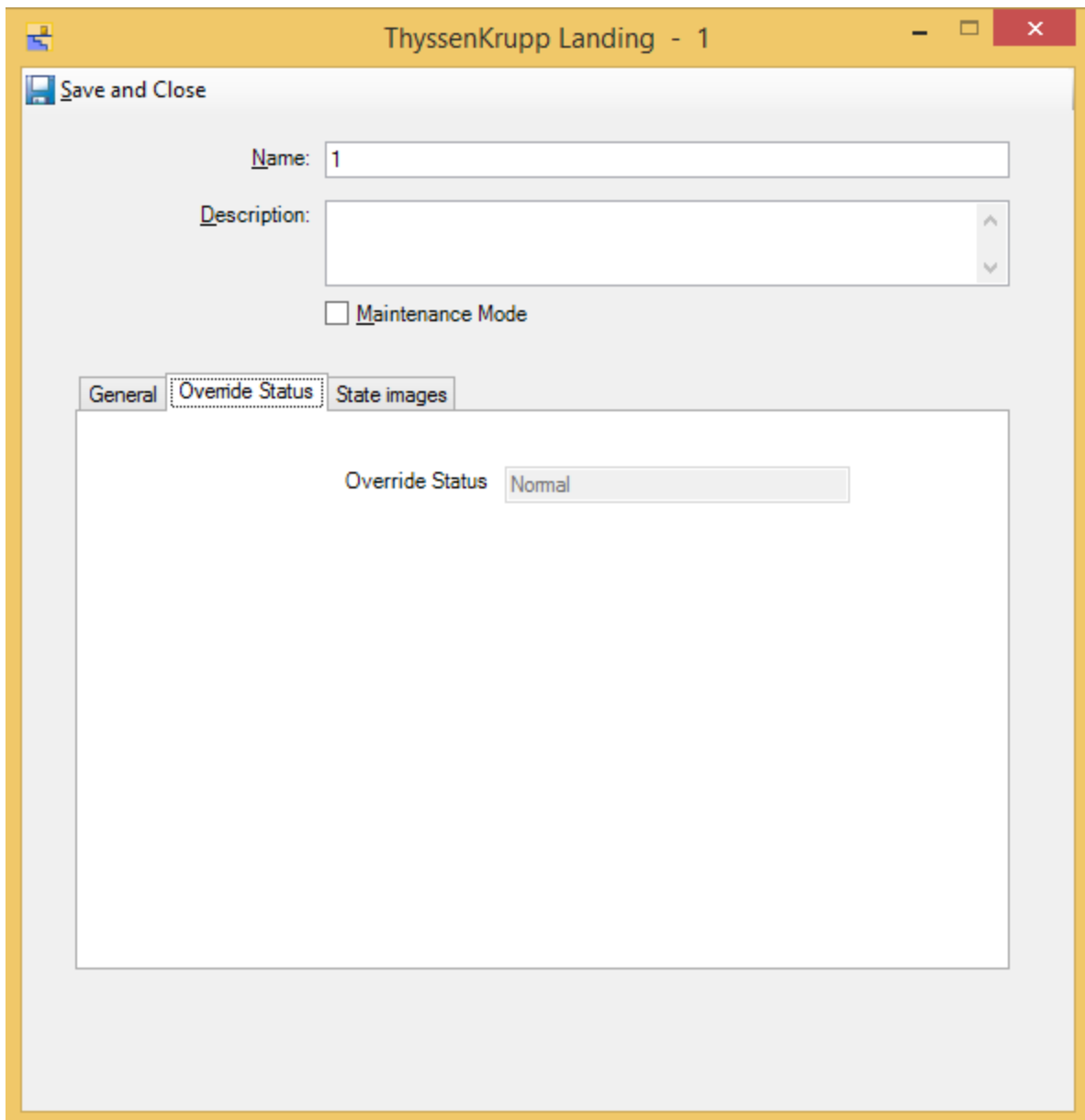
The Override Status tab, shown in Figure 22 on Page 61 provides read-only information about the override status of the landing.

For a landing, the Override Status are:

- Secure
- Unsecure
- Normal

See Table 12 on Page 62 for status descriptions.

Figure 22: ThyssenKrupp Landing- Override Status Tab

Table 12:   ThyssenKrupp Elevator Landing- Override Status Tab Definitions

Status	Description
Normal	Displays the normal state of ThyssenKrupp Landing.
Secure	Displays the state when ThyssenKrupp Landing is secured.
Unsecure	Displays the state when ThyssenKrupp Landing is unsecured.

State Images Tab

The State Images tab, shown in Figure 23 on Page 63 displays the current Landing images that display in the Monitoring Station to represent activities concerning the Landing. You can select other images to display for this Landing and return back to the default images, as described in this section.

For more information see:

- ■ "State Images Tab Definitions" on Page 63

- ■ "State Images Tab Tasks" on Page 64

Figure 23: ThyssenKrupp Landing- State Images Tab

State Images Tab Definitions

Table 13 on Page 64 describes the state images on the ThyssenKrupp Landing State Images Tab.

Table 13: ThyssenKrupp Landing- State Images Tab Definitions

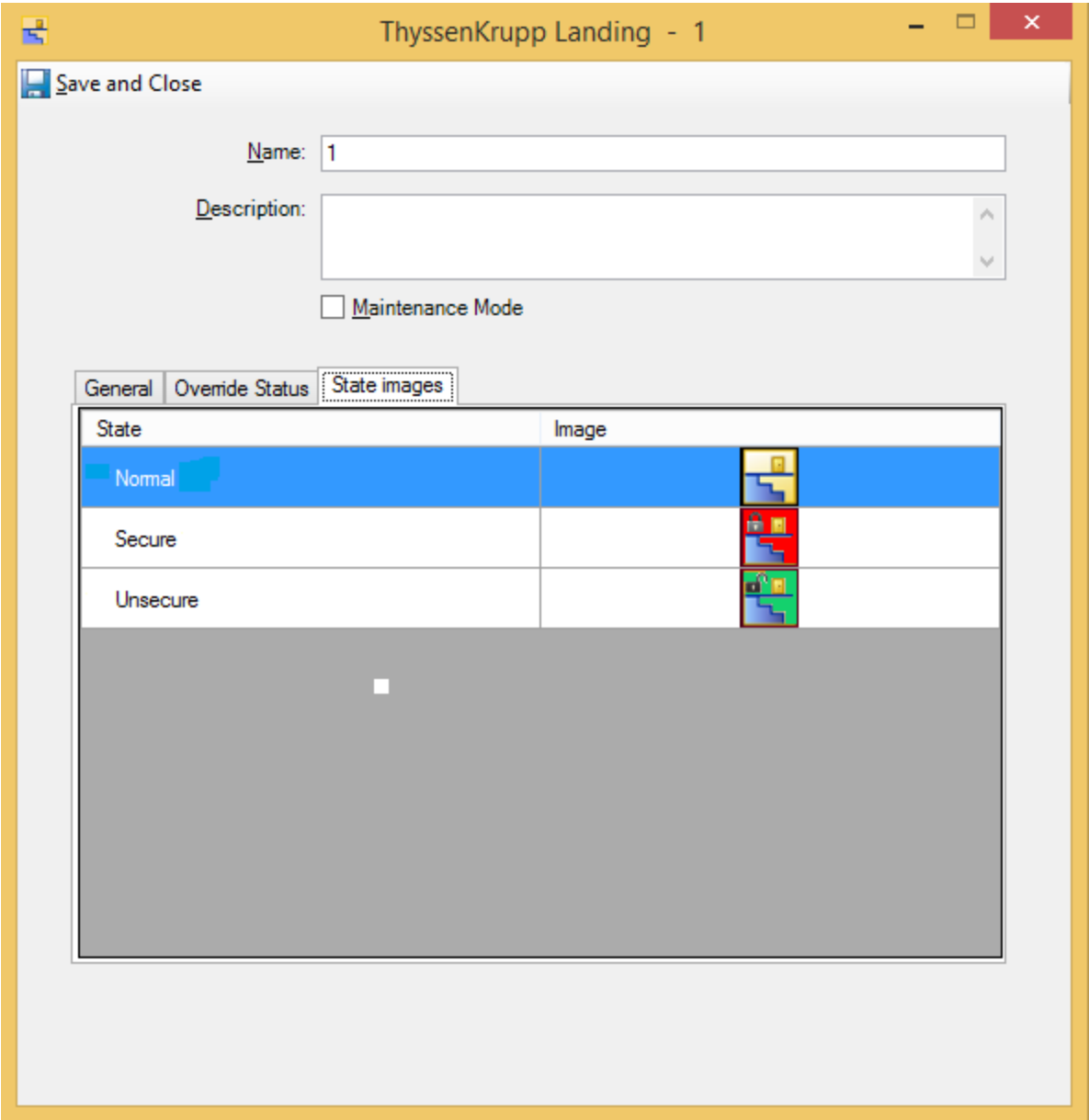| Status	Description
Normal	Displays the ThyssenKrupp Landing normal state when the landing is neither Secured nor Un-secured.
Secure	Displays the state when ThyssenKrupp Landing is secured.
Unsecure	Displays the state when ThyssenKrupp Landing is un-secured.

State Images Tab Tasks

The following tasks are performed in the State Images tab:

- "Replace a State Image" on
- "Restore the Default State Image" on

Replace a State Image

To Replace an Image

1. Double-click on the default image in the tab to open a Windows file selection dialog box.

   If necessary, browse to find the new image.

2. Select the desired image and click **Open.**

The new image replaces the default image and displays in the State Images tab.

Restore the Default State Image

To Restore the Default Image

1. Right-click on the image in the State Images tab and select **Restore Default.**

ThyssenKrupp Landing Actions

A Action is a specific type of action that the Operator can perform on objects in the system. Actions are those actions that open a Action dialog box, and the actions are also logged in the Activity Viewer as " Event by Operator Name," along with the Name of the action, Name of the Event, Partition, date and time.

For more information see:
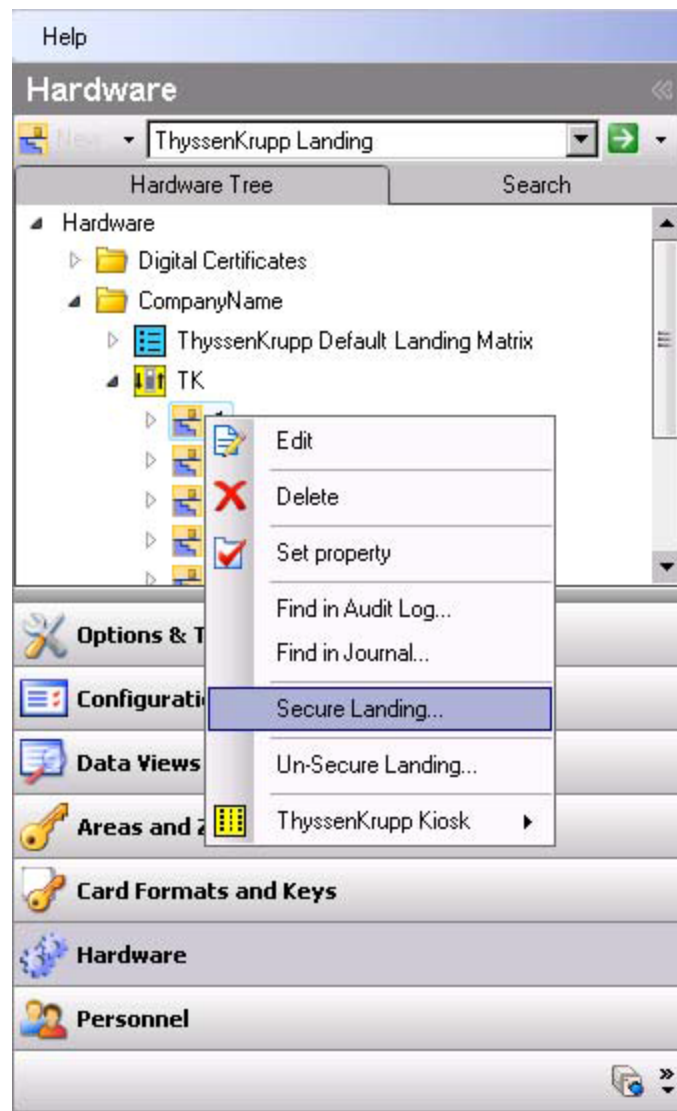
- "Accessing ThyssenKrupp Landing Action" on
- "Using Actions to Secure a Landing" on
- "Using Actions to Un-Secure a Landing" on
- "Cancelling Manual Actions" on

Accessing ThyssenKrupp Landing Action

To Access the ThyssenKrupp Landing Action

1. Right-click on the ThyssenKrupp Landing configuration for which you want to perform the Action as shown in

The context-menu gives you two choices to perform the action, Secure Landing and Un-Secure Landing. For more information see the following:

- "Using Actions to Secure a Landing" on Page 66
- "Using Actions to Un-Secure a Landing" on Page 67

Using Actions to 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.

See "Selecting an Exemption Group" on Page 45 and "Creating an Exemption Group" on Page 45 for more information about Exemption Group.
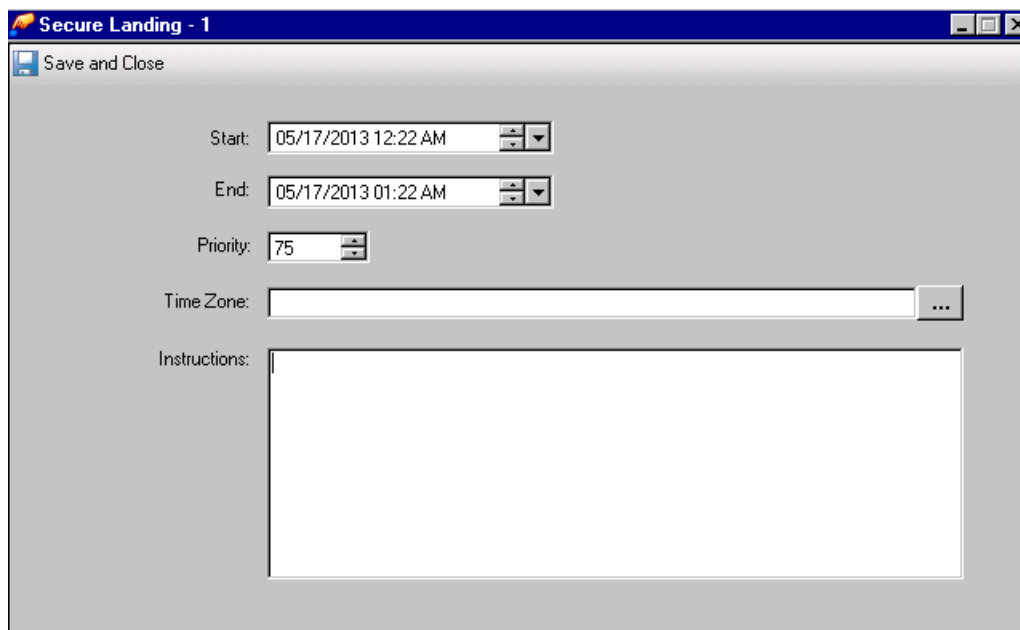
To Secure a Landing

1. Right-click on the Landing configuration that you want to secure and select **Secure Landing...** from the context menu. The Secure Landing dialog box appears as shown in Figure 25 on Page 67

2. Type the time and date to secure the Landing in the **Start** field ⌄ , or click to use the Calendar control to set the date.

3. Type the time and date to end the secure period for the Landing in the End field, or click ⌄ to use the Calendar control to set the date.

4. Select the priority for this action in the **Priority** field.

5. Select the **Time Zone** on which to base the secure and unsecure times.

6. Type a note for future reference in the Instructions field.

Figure 25: ThyssenKrupp Secure Landing dialog Box

Using Actions to Un-Secure a Landing

This action un-secures the landing. When a landing is unsecured Default Landing Matrix is also unsecured.
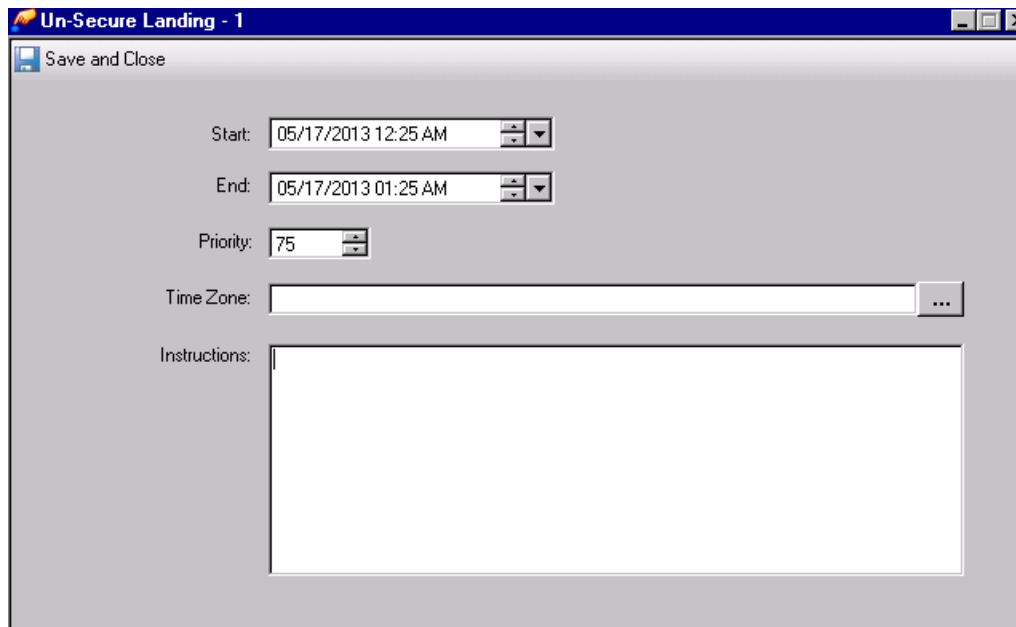
Un-Secure a Landing

To Un-Secure a Landing

1. Right-click on the Landing configuration that you want to unsecure and select **Un-Secure Landing...** from the context menu. The Un-Secure Landing dialog box appears as shown in Figure 26 on Page 68.

2. Type the time and date to secure the Landing in the **Start** field, or click ⌄ to use the Calendar control to set the date.

3. Type the time and date to end the secure period for the Landing in the End field, or click ⌄ to use the Calendar control to set the date.

4. Select the priority for this action in the **Priority** field.

5. Select the **Time Zone** on which to base the secure and unsecure times.

6. Type a note for future reference in the Instructions field.

Figure 26: ThyssenKrupp Un-Secure Landing dialog Box

You can also secure a Landing or unsecure a Landing using Events and Actions option. For more information see Chapter 10: ThyssenKrupp Events and Actions.

6

ThyssenKrupp Clearance Landing Matrix Configuration

This chapter describes how to configure ThyssenKrupp Clearance Landing Matrix dialog box.

In this chapter:

Accessing the ThyssenKrupp Clearance Landing Matrix Dialog Box

This section explains how to access the ThyssenKrupp Clearance Landing Matrix dialog box.

To Access ThyssenKrupp Clearance Landing Matrix Dialog Box

1. In the **Navigation** pane of the C•CURE 9000 Administration Workstation, click **Hardware**. The **Hardware** pane opens.

2. Right-click on the ThyssenKrupp Elevator System listed in the Hardware tree and select **ThyssenKrupp Clearance Landing Matrix> New** as shown in

Figure 27: Access the ThyssenKrupp Clearance Landing Matrix Dialog Box

The ThyssenKrupp Clearance Landing Matrix dialog box as shown in Figure 28 on Page 72 opens.

Clearance Landing Matrix Dialog Box

The Clearance Landing dialog box, shown in Figure 28 on Page 72, is used to define up to 128 front and 128 rear doors that can be accessed by cardholders that have a clearance associated with the landing matrix.

For more information, see the following:

■ "ThyssenKrupp Elevator Clearance Landing Matrix Dialog Box Definitions" on Page 73
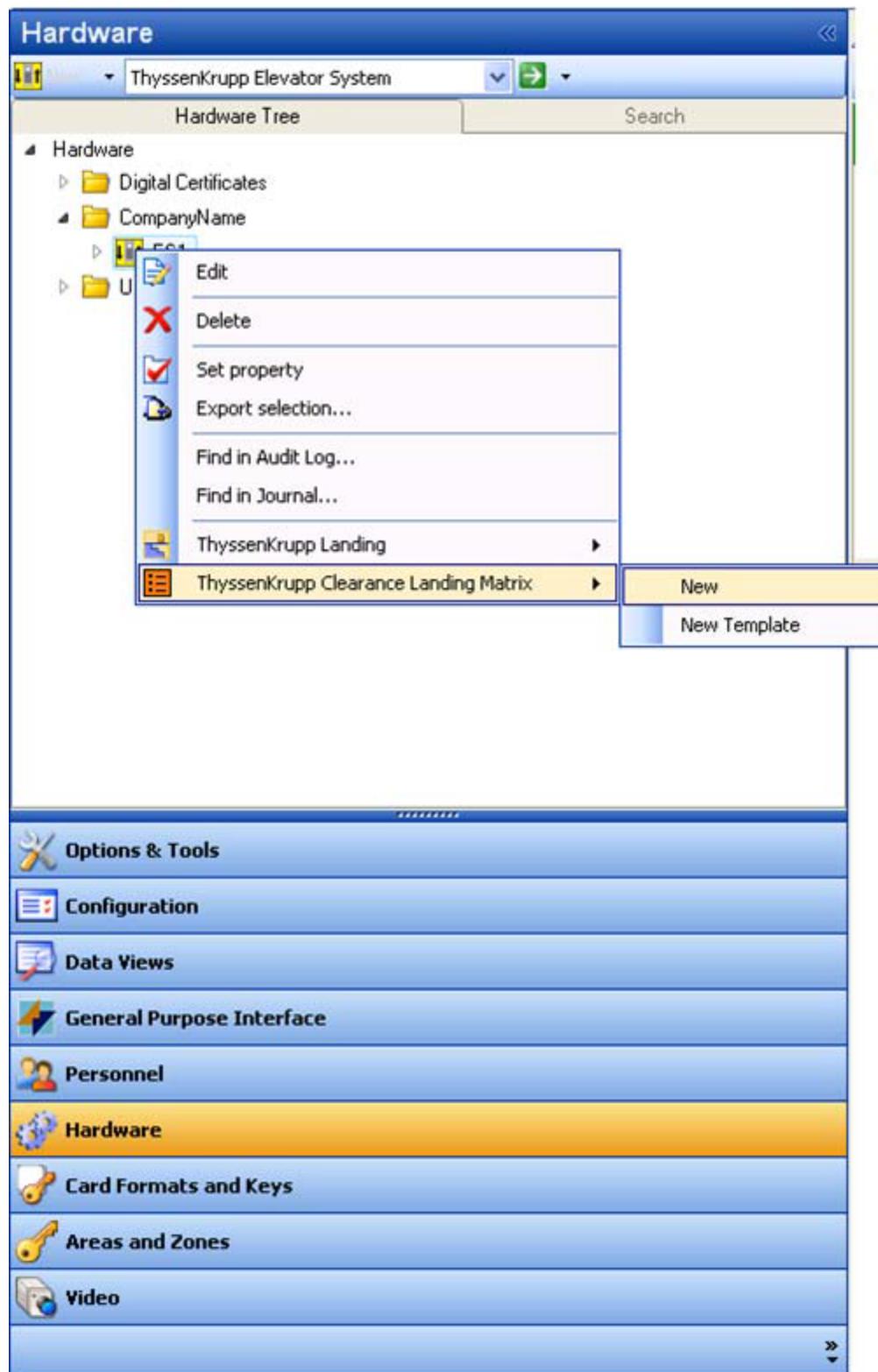
■ "ThyssenKrupp Clearance Landing Matrix Dialog Box Tasks" on Page 74.

Figure 28: ThyssenKrupp Clearance Landing Matrix- General Tab

ThyssenKrupp Elevator Clearance Landing Matrix Dialog Box Definitions

provides description for the fields in the ThyssenKrupp Clearance Landing Matrix-General tab

Table 14: ThyssenKruppClearance Landing- General Tab Definitions

Field	Description
Name	Enter a unique name up to 100 characters long for the ThyssenKrupp Clearance Landing Matrix.
Description	Enter a general description, upto 500 characters, to identify the ThyssenKrupp Clearance Landing Matrix.
General Tab	
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.
Landing Matrix	Select the Landing Matrix. You can select Front Door or Rear Door or both. A check indicates access allowed while the absence of a check indicates no access.
Home Floor	Use this field to allow access to the Door with a card reader or bar-code reader that a person with a valid credential swipes their card and send the required information such as credential home floor number and kiosk number to the elevator destination control system. You must select either Front or Rear landing side located to the right of the Home Floor field. This field is used while configuring ThyssenKrupp Register call.

ThyssenKrupp Clearance Landing Matrix Dialog Box Tasks

This section the following tasks:

- "Creating a Clearance Landing Matrix" on
- "Viewing Clearance Landing Matrix Configuration" on
- "Editing a ThyssenKrupp Clearance Landing Matrix Configuration" on
- "Deleting a ThyssenKrupp Clearance Landing Matrix Configuration" on
- "Creating a ThyssenKrupp Clearance Landing Matrix Template" on

Creating a Clearance Landing Matrix

To Create a Clearance Landing Matrix

1. Right-click on the landing under the **CompanyName** folder in the Hardware tree and select **ThyssenKrupp Clearance Landing Matrix> New.**

2. Enter a name, of up to 100 characters, for the clearance landing matrix in the **Name** field.

3. Enter a description (optional) of up to 500 characters in the **Description** field.

4. Click on the selection icon ... located to the right of the Clearance Name field to open the Clearance dialog box.

5. Select the clearance in the Clearance dialog box .

6. Select the number of Home Floor in the **Home Floor** field. Default value is 0, you can select floor between 1 to 128.

7. Select the landing side **Front** or **Rear** located to the right of the **Home Floor** field.

8. Click in the check boxes next to the floors under **Landing Matrix** to select them.

   - F = Front
   - R = Rear

   NOTE   If you select the destination landing in the **Home Floor** field and Door is mapped in the Register Call, then the Landing Matrix option will not be considered.

9. Click **Save and Close** to save the new ThyssenKrupp Clearance Landing Matrix.

   NOTE   Multiple Home Floor access on the same Elevator System for a Personnel with same or different clearances is not supported. User can configure only one Home Floor for a personnel per Elevator System.

Viewing Clearance Landing Matrix Configuration

To View Clearance Landing Matrix Configurations

1. Click on the Elevator System under the **CompanyName** folder to select it.

2. Click on the Hardware drop-down menu and select **ThyssenKrupp Clearance Landing Matrix.**

3. Click on the green right arrow located to the right of the Hardware drop-down menu.

The ThyssenKrupp Clearance Landing tab opens in the Dynamic View displaying a list of Clearance.

Editing a ThyssenKrupp Clearance Landing Matrix Configuration

To Edit a ThyssenKrupp Clearance Landing Matrix Configuration

1. Click on the Elevator System under the **CompanyName** folder to select it.

2. Click on the **Hardware** drop-down menu and select **ThyssenKrupp Clearance Landing Matrix.**

3. Click on the green right arrow located to the right of the Hardware drop-down menu.

   The ThyssenKrupp Clearance Landing tab opens in the Dynamic View displaying a list of Clearance Landing configurations.

4. Right-click on the ThyssenKrupp Clearance Landing Matrix that you want to edit and select **Edit** from the context menu.

   Alternately, you can double-click on the Clearance Landing Matrix to open the ThyssenKrupp Clearance Landing Matrix dialog box.

5. Make the changes to the configuration.

6. Click **Save and Close.**

Deleting a ThyssenKrupp Clearance Landing Matrix Configuration

To Delete a ThyssenKrupp Clearance Landing Matrix Configuration

1. Click on the Elevator System under the **CompanyName** folder to select it.

2. Click on the **Hardware** drop-down menu and select **ThyssenKrupp Clearance Landing Matrix.**

3. Click on the green right arrow located to the right of the Hardware drop-down menu.

   The ThyssenKrupp Clearance Landing tab opens in the Dynamic View displaying a list of Clearance Landing configurations.

4. Right-click on the ThyssenKrupp Clearance Landing Matrix that you want to edit and select **Delete** from the context menu.

   The Deleting ThyssenKrupp Clearance Landing Matrix objects dialog box opens.

5. Click **Yes** to confirm the deletion.

   The object is deleted.

6. Click **OK** to confirm that the object was deleted.

Creating a ThyssenKrupp Clearance Landing Matrix Template

To Create a ThyssenKrupp Clearance Landing Matrix Template

1. Right-click on the Elevator System under the **CompanyName** folder and select **ThyssenKrupp Clearance Landing Matrix>New Template.**

2. Enter the information for the template.

3. Click **Save and Close.**

The new template is listed under **ThyssenKrupp Clearance Landing Matrix> Template.**

7

ThyssenKrupp Kiosk Configuration

This chapter provides instructions on how to configure ThyssenKrupp Kiosk to communicate with C•CURE 9000.

In this chapter

Accessing the ThyssenKrupp Kiosk Dialog Box

ThyssenKrupp Kiosk is typically a touch screen device that accepts access codes and destination requests from the passenger.

Each Kiosk is associated with an Elevator System Landing. ThyssenKrupp Kiosk Configuration lets you configure Kiosk for each Landing.

This section explains how to access the ThyssenKrupp Kiosk dialog box.

To Access the ThyssenKrupp Kiosk Dialog Box

1. Click on the Elevator System under the **CompanyName** folder in the Hardware tree.

2. Right click on the Elevator System Landing and select **ThyssenKrupp Kiosk>New**, as shown in Figure 29 on Page 79.

Figure 29: Access the ThyssenKrupp Kiosk Dialog Box
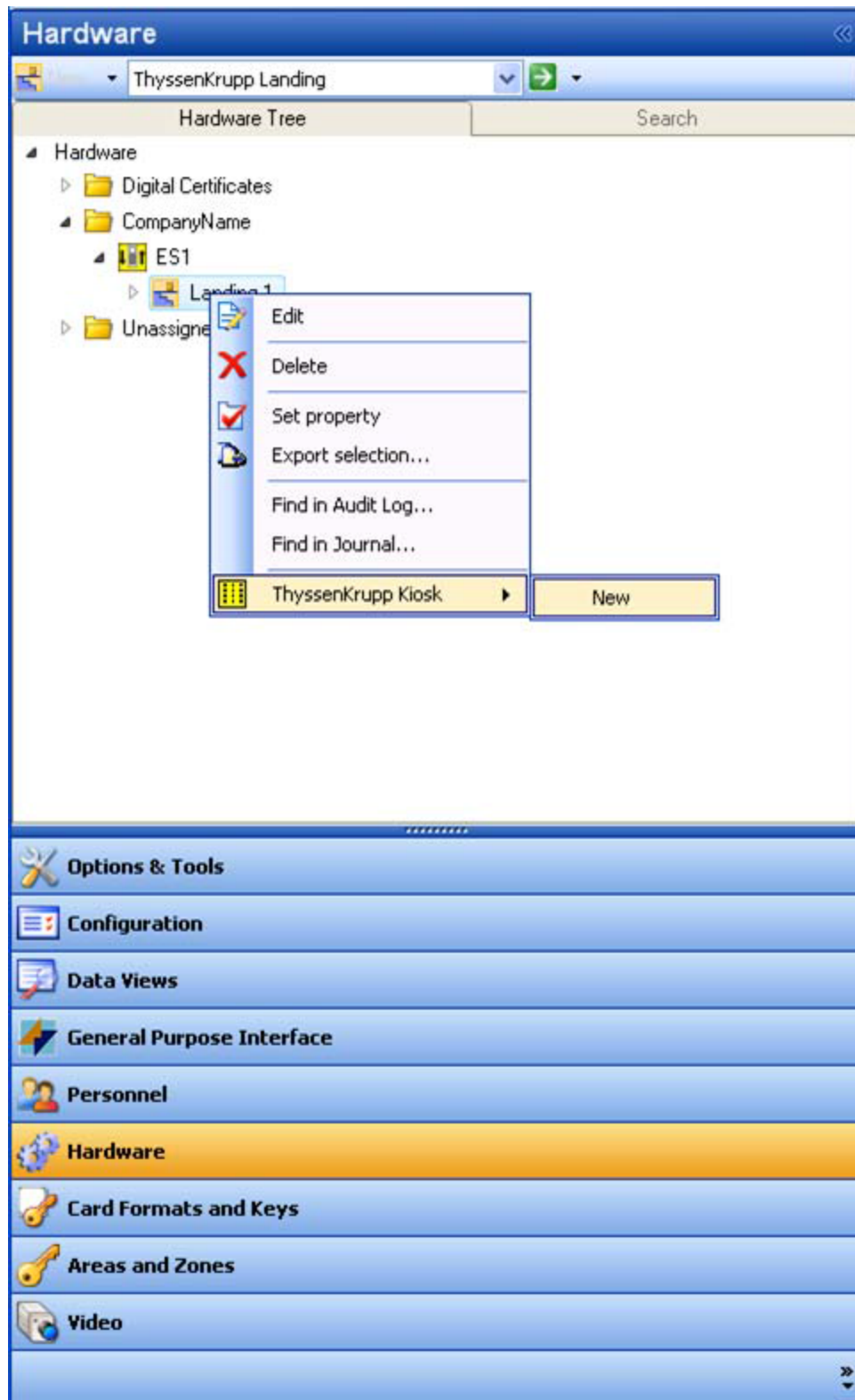
The ThyssenKrupp Kiosk dialog box, as shown in Figure 30 on Page 80 opens.

ThyssenKrupp Kiosk Dialog Box

The ThyssenKrupp Kiosk dialog box, shown in Figure 30 on Page 80, is used to configure Kiosk ID and to select a pre-configured door.

Figure 30: ThyssenKrupp Kiosk- General Tab

For more information, see the following:

- "ThyssenKrupp Kiosk Dialog Box Definitions" on Page 81
- "ThyssenKrupp Kiosk Dialog Box Tasks" on Page 82

ThyssenKrupp Kiosk Dialog Box Definitions

Table 15 on Page 81 describes the ThyssenKruppKiosk dialog box field and buttons.

Table 15: ThyssenKrupp Kiosk Dialog Box Definitions

Field	Description
Name	Enter a unique name up to 100 characters long for the ThyssenKrupp Kiosk.
Description Tab	Enter a general description, up to 500 characters, to identify the ThyssenKrupp Kiosk.
Maintenance Mode	Select the Maintenance Mode check box to limit information about the object when displayed in the Monitoring Station. Maintenance Mode only affects object reporting in the Monitoring Station. For more information see Maintenance Mode on Page 14.
General Tab	
Elevator System	The Elevator System is automatically populated.
Landing Name	Landing Number is automatically populated.
Kiosk ID Kiosk ID is the unique identifier for the Kiosk. It is associated withThyssenKrupp Elevator System, Landing Number, Kiosk Number and Front/Rear respectively.	
Group	The Group is automatically populated.
Landing	The Landing is automatically populated.
Index	The unique identifier for the Landing. Enter the number between 1 and 15.
Side	Select the Front or Rear side from the drop-down.
Door Name	The textual description for the Door which is retrieved from C•CURE 9000.
Default Landing Matrix	The textual description for the associated Default Landing Matrix. NOTE: The Default Landing Matrix is displayed at the Kiosks regardless of iSTAR controller and/or associated Reader status.
Schedules	
Landing Matrix	Select the Default Landing Matrix from the displayed list
Schedules	Select the Schedule from the listed Schedules. NOTE: For information about configuring schedules, see the C•CURE 9000 Software Configuration Guide. NOTE: Audit Log for Default Landing Matrix with Schedule is not captured.

NOTE   Occasionally, tool tip for Kiosk Name, Description and Kiosk ID is not displayed.

ThyssenKrupp Kiosk Dialog Box Tasks

This section describes the following tasks:

- "Configuring ThyssenKrupp Kiosk" on Page 82
- "Editing a ThyssenKrupp Kiosk Configuration" on Page 82
- "Deleting a ThyssenKrupp Kiosk Configuration" on Page 83

Configuring ThyssenKrupp Kiosk

To Configure a ThyssenKrupp Kiosk

1. Right-click on the Landing under the ThyssenKrupp Elevator System and select **ThyssenKrupp Kiosk> New**.

   The ThyssenKrupp Kiosk dialog box opens.

2. Enter a name for the Kiosk in the **Name** field.

3. Enter a description (optional) in the **Description** field.

   The values for Elevator System, Landing Name, Group, Landing, and Index are automatically populated.

4. Enter a numeric value of 1 to 15 in the **Kiosk ID** field.

5. Select Front or Rear from the **Side** drop down menu.

6. Click on the select button ⟦ ... ⟧ to the right of the **Door Name** field to open a selection box listing iSTAR door configurations.

7. Click on a door configuration to select it.

8. Click on the select button ⟦ ... ⟧ to the right of **Default Landing Matrix** field to open a selection box listing the created Default Landing Matrix.

9. Click on a Default Landing Matrix configuration to select it.

10. Click on **Add** under the Schedules.

11. Click in the field under the Landing Matrix and click on the select button ⟦ ... ⟧ to open a selection box.

12. Click on the landing matrix to select it. ThyssenKrupp Kiosk Dialog Box Tasks 7–10 C•CURE 9000 ThyssenKrupp Elevator System Integration User Guide

13. Click on the blank field under Schedule, and click on the select button ⟦ ... ⟧ to open a selection box.

14. Click on the schedule to select it.

15. Click **Save and Close**.

Editing a ThyssenKrupp Kiosk Configuration

To Edit a ThyssenKrupp Kiosk Configuration

1. Double click on the Kiosk configuration in the tree that you want to edit. Alternately, you can right-click on the Kiosk configuration in the tree and select **Edit** from the context menu.

2. Make the changes to the configuration.

3. Click **Save and Close**.

Deleting a ThyssenKrupp Kiosk Configuration

To Delete a ThyssenKrupp Kiosk Configuration

1. Right-click on the Kiosk configuration that you want to delete and select **Delete** from the context menu. The Deleting ThyssenKrupp Kiosk objects dialog box opens.

2. Click **Yes** to confirm the deletion.

   The object is deleted.

3. Click **OK** to confirm that the object was deleted.

ThyssenKrupp Elevator Kiosk Dialog Box Tabs

The following sections provides information about the ThyssenKrupp Kiosk dialog box tabs:

- Operation Modes Tab
- Clearances Tab
- Triggers Tab
- Status Tab
- State Images Tab

Operation Mode Tab

The Operation Mode tab is used to set the Operation Mode for the elevator system and assign a pre-configured schedule to it. For more information, see:

- Operation Mode Tab Definitions on Page 84
- Operation Mode Tab Tasks on Page 85

Figure 31: Operation Mode Tab
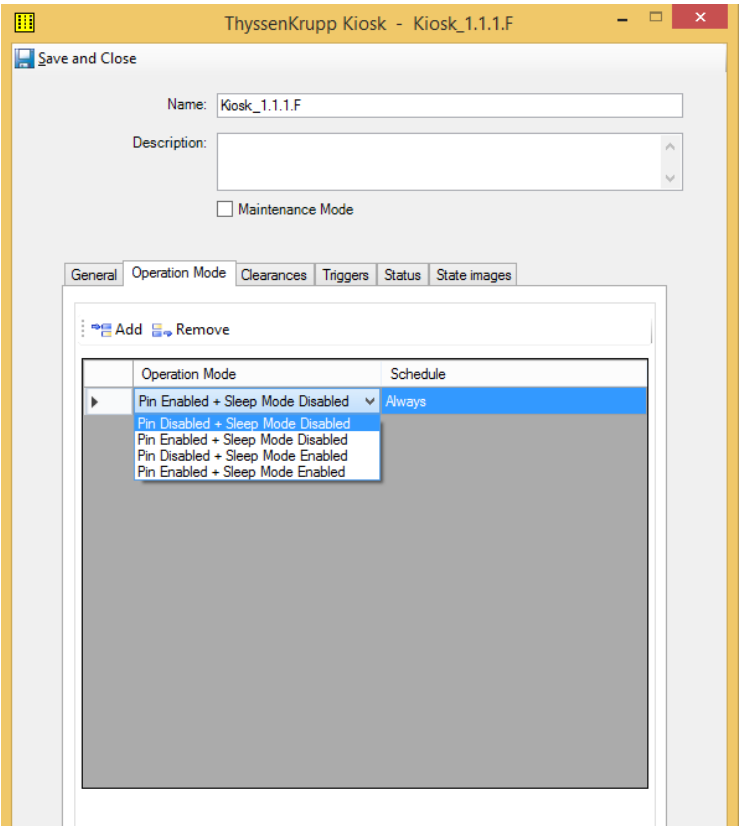
Operation Mode Tab Definitions

Table 16 on Page 85

Table 16: Operation Mode Tab Definitions

Field	Description
Add	Click this button to create a new row in the table to select a Operations Mode and Schedule.
Remove	Click this button to remove the selected Operation Mode and the assigned schedule from the table.
Operation Modes	Click the drop-down to select a Operation Mode. You can choose one of the following: • Pin Disabled + Sleep Mode Disabled • Pin Enabled + Sleep Mode Disabled • Pin Disabled + Sleep Mode Enabled • Pin Enabled + Sleep Mode Enabled
Schedule	Click this to select a schedule for the Operation Mode. See the *C•CURE 9000 Software Configuration Guide* for more information about configuring schedules.

Operation Mode Tab Tasks

You can perform the following tasks in the Operations Mode tab:

■ Selecting an Operation Mode on Page 85

■ Deleting an Operation Mode on Page 85

Selecting an Operation Mode

To Select an Operation Mode

1. Click the **Operation Mode** tab.

2. Click the **Add** button. A blank row is created.

3. In the **Operations Mode** column, click the drop-down and select an option.

Figure 32: Operation Modes Tab

4. Click the blank field under Schedule, and then click the selection button ⬚ **...** . The Schedule selection dialog box appears.

5. Click a schedule to select it. Selected schedule appears in the Schedule column.

6. Click the **Save and Close** button.

> **NOTE** The default Operations Mode is Pin Disabled + Sleep Mode Disabled. If you do not configure an Operations Mode, the default is used.
>
> Access on Pin Entry from a Kiosk is possible only if PIN Entry Operation Mode is enabled.

Deleting an Operation Mode

To Delete an Operation Mode

1. In the Operations Mode tab, click the row that you want to delete.

2. Click the **Remove** button.

Clearances Tab

Clearance tab is used to map pre-configured Clearances to the Schedules. For more information, see:

■ Clearance Tab Definitions on

■ Clearance Tab Tasks on

Figure 33: Dialog Box - Clearance Tab
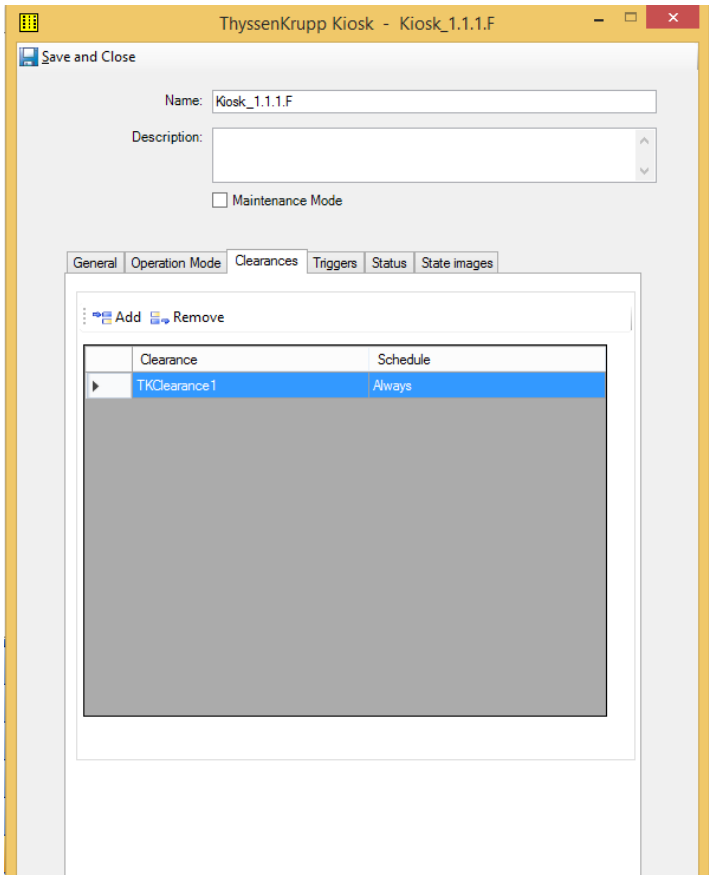
Clearance Tab Definitions

The following table lists all the Clearance tab fields and buttons:

Table 17: Clearance Tab Definitions

Field/Button	Description
Add	Click this button to create a new row in the table to select a Clearance and Schedule.
Remove	Click this button to remove the selected Clearance and Schedule from the table.
Clearance	Click this column to select a pre-configured personnel clearance. See the C•CURE 9000 Software Configuration Guide for more information about configuring clearances.
Schedule	Click this column to select a Schedule for the Clearance. See the C•CURE 9000 Software Configuration Guide for more information about configuring schedules.

Clearance Tab Tasks

You can perform the following tasks in the Clearance tab:

■ Configure a Clearance on

■ Delete a Clearance on

Configuring a Clearance

To Configure a Clearance

1. Click the **Clearance** tab.

2. Click the **Add** button. An empty row is created.

3. Click the selection button [**...**] in the empty row to open the Clearance selection box.

4. Click a Clearance to select it. Selected clearance appear in the Clearance column.

5. Click the blank field under Schedule, and then click the selection button [**...**]. The Schedule selection box opens.

6. Click a schedule to select it. Selected schedule appear in the Schedule column.

7. Click the **Save and Close** button.

NOTE	Access on Pin Entry from a Kiosk is possible only if Clearances are added in the Clearance tab.

Deleting a Clearance

To Delete a Clearance

1. In the Clearance Tab click the row that you want to delete.

2. Click the **Remove** button.

Triggers Tab

The Triggers tab, shown in Figure 34 on , is used to configure Kiosk related triggers to activate events.

Supported triggers are Offline and Online.

For more information, see the following:

■ "Triggers Tab Definition" on

■ "Triggers Tab Tasks" on

Figure 34: ThyssenKrupp Kiosk- Triggers Tab
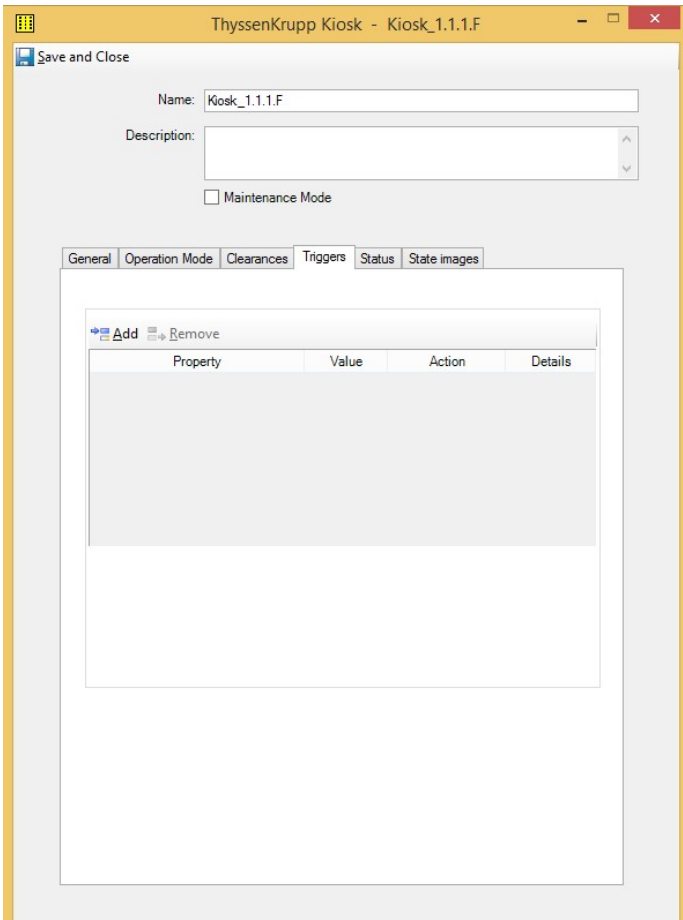
Triggers Tab Definition

The ThyssenKrupp Elevator System Editor- Triggers tab field and buttons are described in Table 18 on Page 88.

Table 18: ThyssenKrupp Kiosk-Triggers Tab

Field	Description
Add	Click **Add** in the Triggers tab to create a new Trigger.
Remove	Click the row and click **Remove** in the Triggers tab to delete a trigger.
Property	Click inside the **Property** field, and then click [**...**]. The Property browser opens presenting properties available for the want to add
Value	Select a value from the available options in the drop down list. • Online: ThyssenKrupp Elevator System is online in this state. • Offline: ThyssenKrupp Elevator System is offline in this state. NOTE: The **Value** field is enabled only if the **Property** field is selected.

Field	Description
Action	Click on the drop-down menu to select an action to occur. This action selected will occur when the object's selected Property receives the selected Value.
Details	Displays the details of the selected action. The details vary according to the selected action. NOTE: The **Details** field is automatically updated with the **Event** option selected by you.

Triggers Tab Tasks

The following tasks are performed in the Triggers tab:

- "Selecting Triggers to Activate Events" on
- "Deleting Triggers and Events" on

Selecting Triggers to Activate Events

To Select Triggers to Activate Events

1. Click on **Triggers** Tab.
2. Click on **Add** button.
3. Click in the blank field under the **Property**, and the click on the selection button ⬚ ... ⬚
4. Click on the Property in the table and select it.
5. Click in the blank field under **Value**.
6. Click on the drop-down menu and select **Offline or Online.**
7. Click on the drop-down menu under **Action** and select **Activate Event.** The Event field appears at the bottom of the dialog box.
8. Click on the selection button ⬚ ... ⬚
9. Click on a pre-configured event to activate.
10. Click **Save and Close**.

Deleting Triggers and Events

To Delete a Trigger and Event from the Elevator Group

1. Click on the row selector button ▶ to select the row.
2. Click the **Remove** button.

Status Tab

The Status tab, in on , provides read-only information about the operational status of the elevator system.

Supported values are:

- Online
- Offline
- Unknown

To check the status of the Kiosk, see Table 19 on Page 90

Figure 35: ThyssenKrupp Kiosk- Status Tab Status Tab
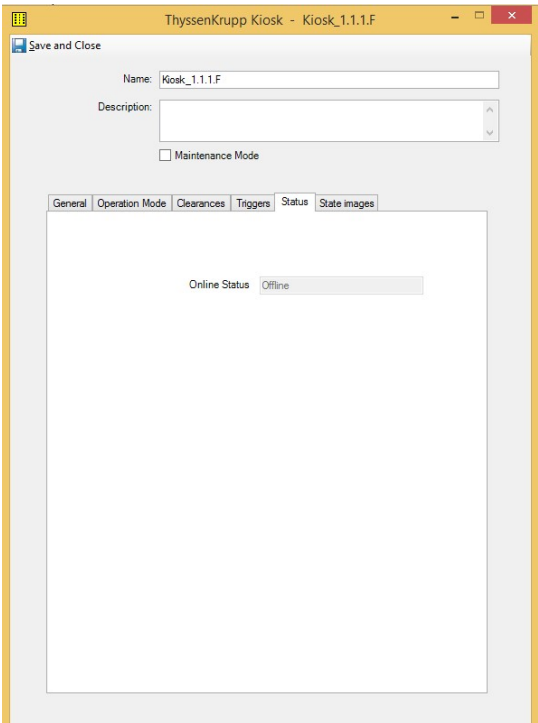
Status Tab Definitions

The ThyssenKrupp Kiosk Status tab fields are described in Table 19 on Page 90.

Table 19: ThyssenKrupp Kiosk - Status Tab

Images	Description
Unknown	Displays the ThyssenKrupp Kiosk unknown state when the system is either not configured or not connected.
Online	Displays the state when ThyssenKrupp Kiosk is online.
Offline	Displays the state when ThyssenKrupp Kiosk is offline.

NOTE	When Kiosk is created by auto discovery, initial status of the Kiosk is not captured in Journal Log.

State Images Tab

The State Images tab, shown in Figure 36 on Page 91, displays the current Kiosk images that display in the Monitoring Station to represent activities concerning the elevator system. You can select other images to display for this Kiosk and return back to the default images, as described in this section.

Figure 36: ThyssenKrupp Kiosk- State Images Tab
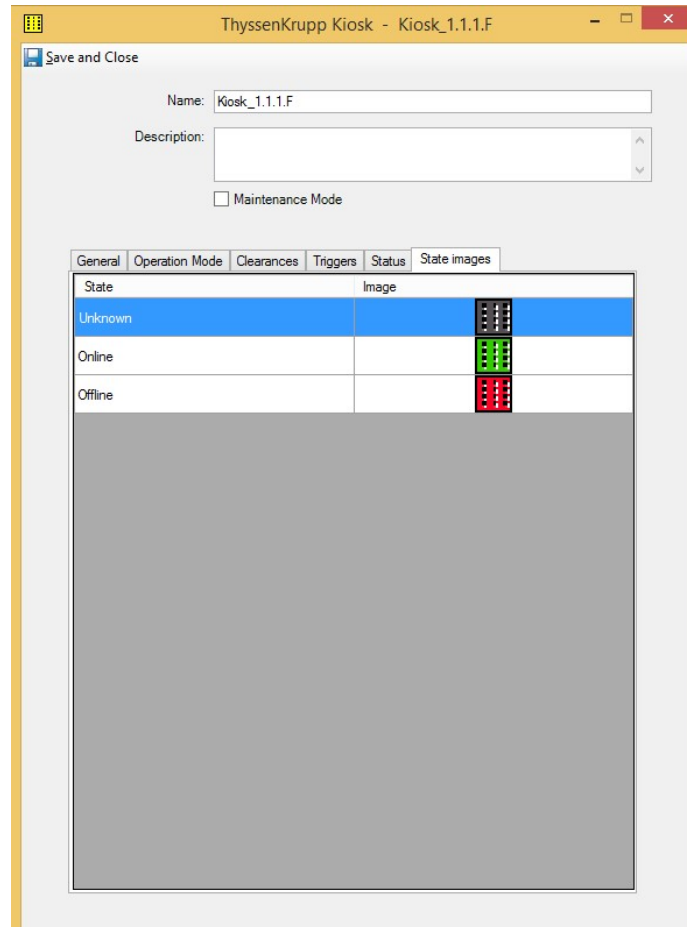
For more information see:

■ "State Images Tab Tasks" on Page 91

State Images Tab Tasks

The following tasks are performed in the State Images tab:

■ "Replace a State Image" on Page 92

■ "Restore the Default State Image" on Page 92

Replace a State Image

To Replace an Image

1. Double-click on the default image in the tab to open a Windows file selection dialog box.

   If necessary, browse to find the new image.

2. Select the desired image and click **Open**.

The new image replaces the default image and displays in the State Images tab.

Restore the Default State Image

To Restore the Default Image

1. 1. Right-click on the image in the State Images tab and select **Restore Default.**

8

ThyssenKrupp User Types

This chapter describes how to associate personnel to a User Type. The User Type represents information pertaining to the credential holder.

In this chapter:

Accessing the User Type Dialog Box

This section explains how to access the ThyssenKrupp User Type dialog box.

To Access the User Type Dialog Box

1. In the Hardware tree, expand the CompanyName folder.

2. Right click the ThyssenKrupp Elevator System folder, select **ThyssenKrupp User Type** and click **New**.

Figure 37: Accessing the User Type Dialog Box
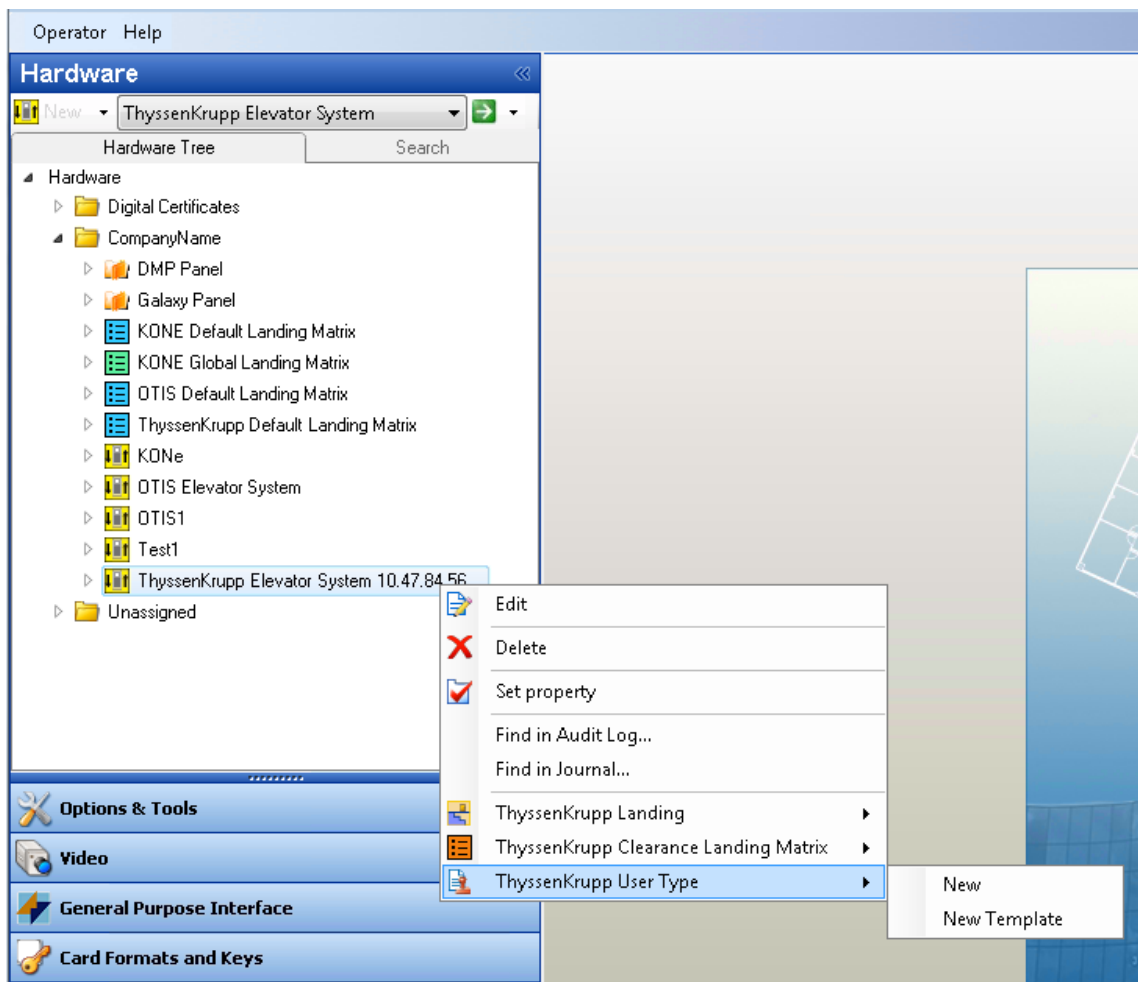
The ThyssenKrupp User Type dialog box opens.

Figure 38: User Type Dialog Box

ThyssenKrupp User Types Dialog Box

The ThyssenKrupp User Types dialog box is used to associate personnel group to a User type. ThyssenKrupp allows a user to have different combinations of User Types. The different User Types are ADA, VIP, Service, Code Blue, Capture, Express, Service2 and Service3.

NOTE	For every elevator system, you can configure only one User Type.

For more information, see:

- User Types Dialog Box Definitions
- ThyssenKrupp User Types Dialog Box Tasks

Figure 39: ThyssenKrupp User Types Dialog Box
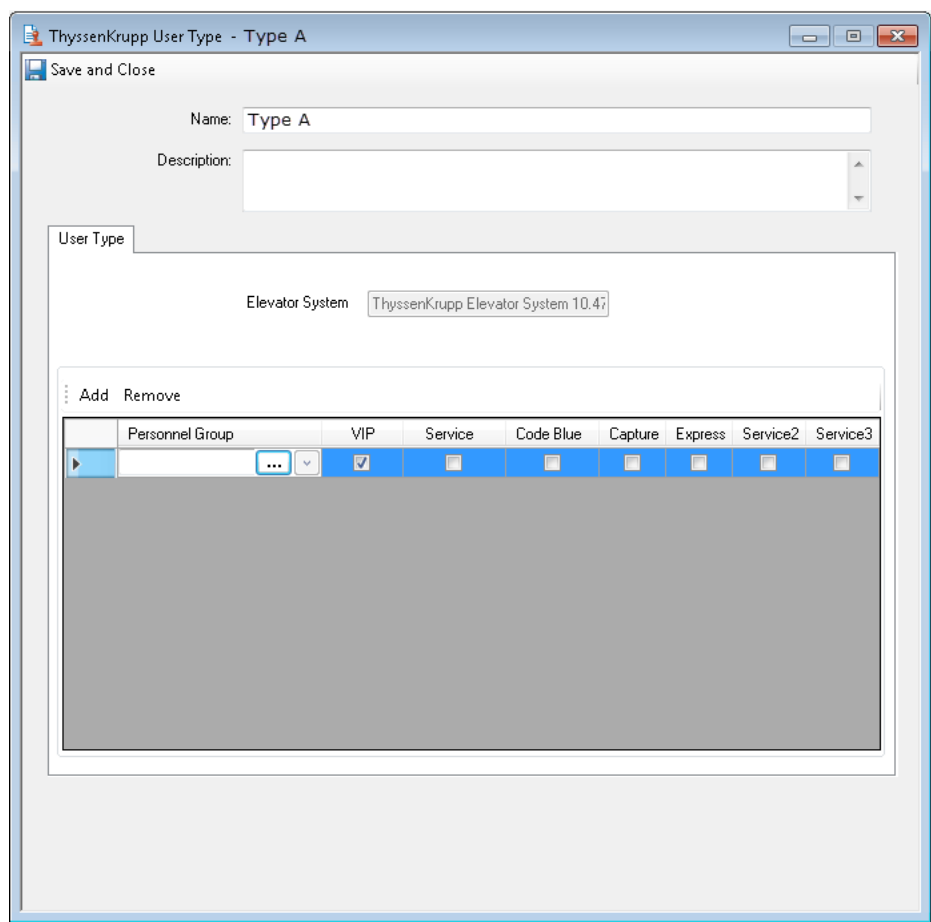
User Type Dialog Box Definitions

Following table lists the fields and buttons in the ThyssenKrupp User Type dialog box:

Field/Button	Description
Name	A unique name identifying the User Type configuration. • The name is not case-sensitive • Minimum number of characters: 1 • Maximum number of characters: 100
Description	(Optional) A description for the User Type configuration. • The description is not case-sensitive. • Minimum number of characters: None • Maximum number of characters: 500
Save and Close	Saves the configuration and closes the dialog box
User Type Tab	
Elevator System	Displays the name of the ThyssenKrupp Elevator System. This field is read-only.
Add	Click this button to create a new row in the User Type table. You must configure all fields in the row to complete the Add operation.
Remove	Click this button to remove a selected row from the User Type table.
Personnel Group	Click the selection button [**...**] to select the pre-configured personnel group. See the C•CURE 9000 Software Configuration Guide for information on creating personnel groups.

User Type Dialog Box Tasks

This section describes the following tasks:

Configuring a User Type

To Configure a User Type

1. In the Hardware tree, expand the CompanyName folder.

2. Right click the ThyssenKrupp Elevator System folder, select **ThyssenKrupp User Type** and click **New**.

   The ThyssenKrupp User Type dialog box opens.

3. Enter a name in the **Name** field. Name can contain a maximum of 100 characters.

4. In the **User Type** tab, click the **Add** button. A blank row is created.

5. Click the **Personnel Group** column, click the selection button [**...**] and then select a Personnel Group from the list.

6. Select the desired User Types for the Personnel Group.

7. Click the **Save and Close** to save the configuration.

NOTE: You must configure the ADA User Type on the C•CURE 9000 Administration Station. Navigate to Personnel dialogue box, in the General tab, select Alternate Shunt (ADA) to configure the ADA User Type.

Editing a User Type Configuration

To Edit a User Type Configuration

1. Double-click the User Type configuration in the Hardware tree that you want to edit.

   Alternately, you can right-click the User Type configuration in the Hardware tree and select **Edit**.

2. Make the changes and then click the **Save and Close** button.

Viewing All User Type Configurations

To View All User Type Configurations

1. Click the **Hardware** drop-down menu and select **ThyssenKrupp User Type**.

2. Click the green right arrow ⏩ located beside the **Hardware** drop-down menu.

The ThyssenKrupp User Type tab opens in the Dynamic View displaying a list of ThyssenKrupp User Type configurations.

Deleting a User Type Configuration

To Delete a User Type Configuration

1. Right-click the User Type configuration that you want to delete and click **Delete**.

   Deleting ThyssenKrupp User Type Objects dialog box appears.

2. Click **Yes** to confirm the deletion. The object is deleted.

3. Click **OK** to confirm that the object was deleted.

Recommendations to Associate Personnel Group with User Type

Test Condition:

System Configuration:

- System Type: VM
- RAM: 4 GB
- No. of Core: 4

Recommendations:

- You can associate a maximum of 10 Personnel Groups, each having 500 personnel, with one User Type.

NOTE	The card swipe dispatch time is 590 milliseconds.

- You can associate a maximum of 5 Personnel Groups, each having 1000 personnel, with one User Type.

NOTE	The card swipe dispatch time is 580 milliseconds.

- You can associate a maximum of 2 Personnel Groups, each having 2000 personnel, with one User Type.

NOTE	The card swipe dispatch time is 440 milliseconds.

- You can associate a maximum of 1 Personnel Groups, each having 5000 personnel, with one User Type.

NOTE	The card swipe dispatch time is 700 milliseconds.

9

ThyssenKrupp Register Call

This chapter describes how to associate Door Name, Landing, KIOSK ID (Index) and Source Side (Landing Side) to a User.

In this chapter:

Accessing the Register Call Dialog Box

This section explains how to access the ThyssenKrupp Register Call dialog box.

To Access the Register Call Dialog Box

1. In the Hardware tree, expand the CompanyName folder.

2. Right click the ThyssenKrupp Elevator System folder, select **ThyssenKrupp Register Call** and click **New**.

Figure 40: Accessing the Register Call Dialog Box
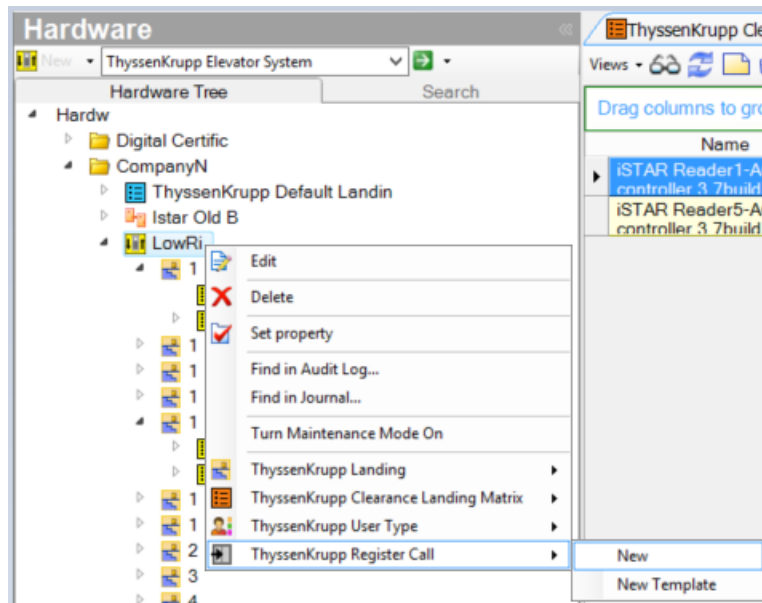
3. The ThyssenKrupp Register Call dialog box opens.

Figure 41: Register Call Dialog Box

ThyssenKrupp Register Call Dialog Box

The ThyssenKrupp Register Call dialog box is used to associate Door Name, Landing, KIOSK ID (Index) and Source Side (Landing Side) to a User. ThyssenKrupp allows the access control system to register destination calls into the elevator system.

This feature is most useful from the lobby landing kiosk(s) or Door(s), allowing the security system to register calls to a users' Home Floor upon card swipe.

When a call registration from card swipe is initiated, the kiosk or Door containing the card reader will immediately update to display the users allocated elevator.

NOTE	You can configure only one Register Call per Elevator group.

For more information, see:

- "Register Call Dialog Box Definitions" on the facing page
- "Register Call Dialog Box Tasks" on page 105

Register Call Dialog Box Definitions

Following table lists the fields and buttons in the ThyssenKrupp Register Call dialog box:

Table 21: ThyssenKrupp Register Call Dialog Box

Field/Button	Description
Name	A unique name identifying the Register Call configuration. • The name is not case-sensitive • Minimum number of characters: 1 • Maximum number of characters: 100

Field/Button	Description
Description	(Optional) A description for the Register Call configuration. • The description is not case-sensitive • Minimum number of characters: None • Maximum number of characters: 500
Save and Close	Saves the configuration and closes the dialog box
General Tab	
Elevator System	Displays the name of the ThyssenKrupp Elevator System. This field is read-only.
Add	Click this button to create a new row in the Register Call table. You must configure all fields in the row to complete the Add operation.
Remove	Click this button to remove a selected row from the Register Call table.
Door Name	Click the selection button ⬚ ... ⬚ to select the pre-configured Door Name. See the C•CURE 9000 Software Configuration Guide for information on creating Door Names.
Landing	If the Door is associated with KIOSK, then the **Landing** field is retrieved automatically.
Index	If the Door is associated with KIOSK, then the **Index** field is retrieved automatically.
Source Side	If the Door is associated with KIOSK, then the **Source Side** field is retrieved automatically.

Register Call Dialog Box Tasks

This section describes the following tasks:

Configuring a Register Call

To Configure a Register Call

1. In the Hardware tree, expand the CompanyName folder.

2. Right click the ThyssenKrupp Elevator System folder, select **ThyssenKrupp Register Call** and click **New**.

   The ThyssenKrupp Register Call dialog box opens.

3. Enter a name in the **Name** field, name can contain a maximum of 100 characters.

4. Enter a description (optional) of up to 500 characters in the **Description** field.

5. In the **General** tab, click the **Add** button. A blank row is created.

6. Click the **Door Name** column, and then click the selection button [...] .

7. Select the desired Door Name from the list.

| **NOTE** | If the Door is associated with KIOSK, then the fields **Landing**, **Index** and **Source Side** are retrieved automatically, if not user can manually map these fields. |

8. Click the **Save and Close** to save the configuration.

Editing a Register Call Configuration

To Edit a Register Call Configuration

1. Double-click the Register Call configuration in the Hardware tree that you want to edit.

   Alternately, you can right-click the Register Call configuration in the Hardware tree and select **Edit**.

2. Make the changes and then click the **Save and Close** button.

Viewing All Register Call Configurations

To View All Register Call Configurations

1. Click the **Hardware** drop-down menu and select **ThyssenKrupp Register Call**.

2. Click the green right arrow [ ] located beside the **Hardware** drop-down menu.

The ThyssenKrupp Register Call tab opens in the Dynamic View displaying a list of ThyssenKrupp Register Call configurations.

Deleting a Register Call Configuration

To Delete a Register Call Configuration

1. Right-click the Register Call Type configuration that you want to delete and click **Delete**.

   Deleting ThyssenKrupp Register Call Object dialog box appears.

2. Click **Yes** to confirm the deletion. The object is deleted.

3. Click **OK** to confirm that the object was deleted.

Scenarios

Following scenarios are associated with Clearance Landing Matrix-Home Floor, Landing Matrix and Register Call.

- The associated Clearance Landing Matrix is dispatched:
  - When user swipes at kiosk with valid clearance.
  - If Door is associated with kiosk and Landing Matrix is configured in Clearance Landing Matrix
  - If Register Call has not been assigned to the door

| **NOTE** | In Clearance landing matrix, Home Floor Landing will be discarded when kiosk or Door is not added in the Register Call. |

- The associated Clearance Landing Matrix will not be dispatched:
  - When user swipes at kiosk with valid clearance and Landing is set as Secure
  - If Door is associated with kiosk and Landing Matrix is configured in Clearance Landing Matrix
  - Register Call has not been assigned to the door but Landing is set as Secure
- The associated Clearance Landing Matrix is dispatched:
  - When user swipes at kiosk with valid clearance Landing Matrix and user belongs to exemption group
  - If Door is associated with kiosk and Landing Matrix is configured in Clearance Landing Matrix
  - Register Call has not been assigned to the door but Landing is set as Secure and user belongs to exemption group
- The associated Clearance Landing Matrix is dispatched:
  - When user swipes at kiosk with valid clearance Landing Matrix
  - If Door is associated with kiosk and Landing Matrix is configured in Clearance Landing Matrix
  - Register Call has not been assigned to the door but Landing is set as Unsecure
- The associated Clearance Landing Matrix>Home Floor is dispatched:
  - When user swipes at kiosk with valid clearance Landing Matrix
  - If Door is associated with kiosk and Home Floor is configured in Clearance Landing Matrix
  - Register Call has been assigned to the door

  NOTE In Clearance landing matrix, selected Landing Matrix will be discarded when kiosk or Door is added in the Register Call.

- The associated Home Floor landing in Clearance Landing matrix is dispatched:
  - When personnel with valid clearance (same clearance mapped to Clearance Landing Matrix) swipes at the door associated with landing kiosk

  NOTE User can manually map the door, landing and index within register call object.

- The associated Clearance Landing Matrix>Home Floor will not be dispatched:
  - When user swipes at kiosk with valid clearance Landing Matrix and floor is secured
  - If Door is associated with kiosk and Home Floor is configured in Clearance Landing Matrix
  - Register Call has been assigned to the door but configured Home Floor is set as Secure
- The associated Clearance Landing Matrix>Home Floor is dispatched:
  - When user swipes at kiosk with valid clearance Landing Matrix
  - If Door is associated with kiosk and Home Floor is configured in Clearance Landing Matrix
  - Register Call has been assigned to the door but configured Home Floor is set as Secure and user belongs to exemption group
- The associated Clearance Landing Matrix>Home Floor is dispatched:
  - When user swipes at kiosk with valid clearance Landing Matrix
  - If Door is associated with kiosk and Home Floor is configured in Clearance Landing Matrix
  - Register Call has been assigned to the door but configured Home Floor is set as Unsecure

10

ThyssenKrupp Events and Actions

This chapter describes C•CURE 9000 events which triggers ThyssenKrupp Actions and the steps to configure them.

In this chapter:

ThyssenKrupp Events

An event is a software definition that you can create using C•CURE 9000dialog boxes and options. Anything that C•CURE 9000 can monitor can be used to generate an event, and the event can trigger any action. You can link an event directly to a single action or you can link it to multiple events and actions. In the C•CURE 9000 ThyssenKrupp Elevator Integration you can use an event to trigger Event Actions.

For more information see:

- "ThyssenKrupp Actions and Target Objects" on
- "Configuring ThyssenKrupp Events" on

ThyssenKrupp Actions and Target Objects

An action is a series of task, or a single task, to be executed when an event occurs. The target object is an object on which action is to be taken when an event occurs.

describes the ThyssenKrupp actions and the target.

Table 22: ThyssenKrupp Actions and Target Objects

Action	Target Object	Explanation
Secure Landing	ThyssenKruppLanding	This action secures the Landing. There is no access to the Landing during the date and time value set. Only the personnel in an Exemption Group could use the Landing.
Un-Secure Landing	ThyssenKruppLanding	This action unsecures the Landing. When a Landing is unsecured, access is governed by Clearances given to personnels. The personnel having the Clearances have access to the Landing during the date and time value set.

Configuring ThyssenKrupp Events

The two Event Actions, Secure Landing and Unsecure Landing are time-based events. You can create a Action and schedule the time when to Secure/Unsecure a Landing.

For more information on how to configure Secure Landing Event and Unsecure Landing Event see:

- "Configuring the Secure Landing Event" on
- "Configuring the Un-Secure Landing Event" on

Configuring the Secure Landing Event

To Configure the Secure Landing Event

1. In the Navigation Pane of the Administration Workstation, click **Configuration** to open the Configuration Pane.
2. Select **Event** from the Configuration drop-down list.
3. Click **New** to create a new Event. The Event Editor opens and you can configure the Events.
4. Type in a name for this Event in the **Name** field.
5. Type in a description for this Event in the **Description** field.
6. Click **Enabled** to make the Event available to C•CURE 9000 operators.
7. Click on the **Actions** tab. In this tab you can define the action settings that you want to set for the Event.
8. Click on the **Add** Button.
9. Click in the **Action** column to display a drop-down list of valid actions.
10. Select **Secure Landing**.
11. When you select Secure Landing option, **ThyssenKrupp Landing** entry field appears at the bottom of the dialog box.
12. Click on the select button [**...**] to select the pre-configured ThyssenKrupp Landing.
13. Click on the **General** tab.
14. In the **Default State** section, click **Armed** to arm the Event as its default state.
15. In the **Priority** section, select a value from the drop-down to set the priority level the system uses for sorting when displaying on the Monitoring Station and prioritizing actions associated with the event.
16. In the **Scheduling** section, click on the **Activate on Schedule** selection button [**...**] to open a selection box listing schedules.
17. Click on a schedule to select it.
18. Click **Save and Close.**

Configuring the Un-Secure Landing Event

To Configure the Un-Secure Landing Event

1. In the Navigation Pane of the Administration Workstation, click **Configuration** to open the Configuration Pane.
2. Select **Event** from the from the Configuration drop-down list.
3. Click **New** to create a new Event. The Event Editor opens and you can configure the Events.

4. Type in a name for this Event in the **Name** field.

5. Type in a description for this Event in the **Description** field.

6. Click **Enabled** to make the Event available to C•CURE 9000 operators.

7. Click on the **Actions** tab. In this tab you can define the action settings that you want to set for the Event.

8. Click on the **Add** Button.

9. Click in the **Action** column to display a drop-down list of valid actions.

10. Select **Unsecure Landing**.

11. When you select the Unsecure Landing option **ThyssenKruppLanding** entry field appears at the bottom of the dialog box.

12. Click on the selection button [**...**] to select the pre-configured ThyssenKrupp Landing.

13. Click on the **General** tab.

14. In the **Default State** section, click **Armed** to arm the Event as its default state.

15. In the **Priority** section, select a value from the drop-down to set the priority level the system uses for sorting when displaying on the Monitoring Station and prioritizing actions associated with the event.

16. In the **Scheduling** section, click on the **Activate on Schedule** selection button [**...**] to open a selection box listing schedules.

17. Click on a schedule to select it.

18. Click **Save and Close**.

11

Monitoring ThyssenKrupp Elevator Integration Activities

This chapter describes the C•CURE 9000 Monitoring Station Activity Viewer and also provides the procedure to cancel ThyssenKrupp manual actions.

In this chapter:

C•CURE 9000 Monitoring Station Activity Viewer

The C•CURE 9000 Monitoring Station Activity Viewer, shown in Figure 43 on Page 114, displays ThyssenKrupp access control activities.

Activities in the list are displayed in rows that contain an icon, the date and time of the activity, the type of activity or object, its name, the object's partition name [in brackets], and an activity message. You can click the activity icon to view additional information about the object, or right-click the icon to display the context menu for more options or to initiate a manual action.

See the *C•CURE 9000 Monitoring Station Guide* for more information about the Activity Viewer.

Figure 43: Activity Message Viewer
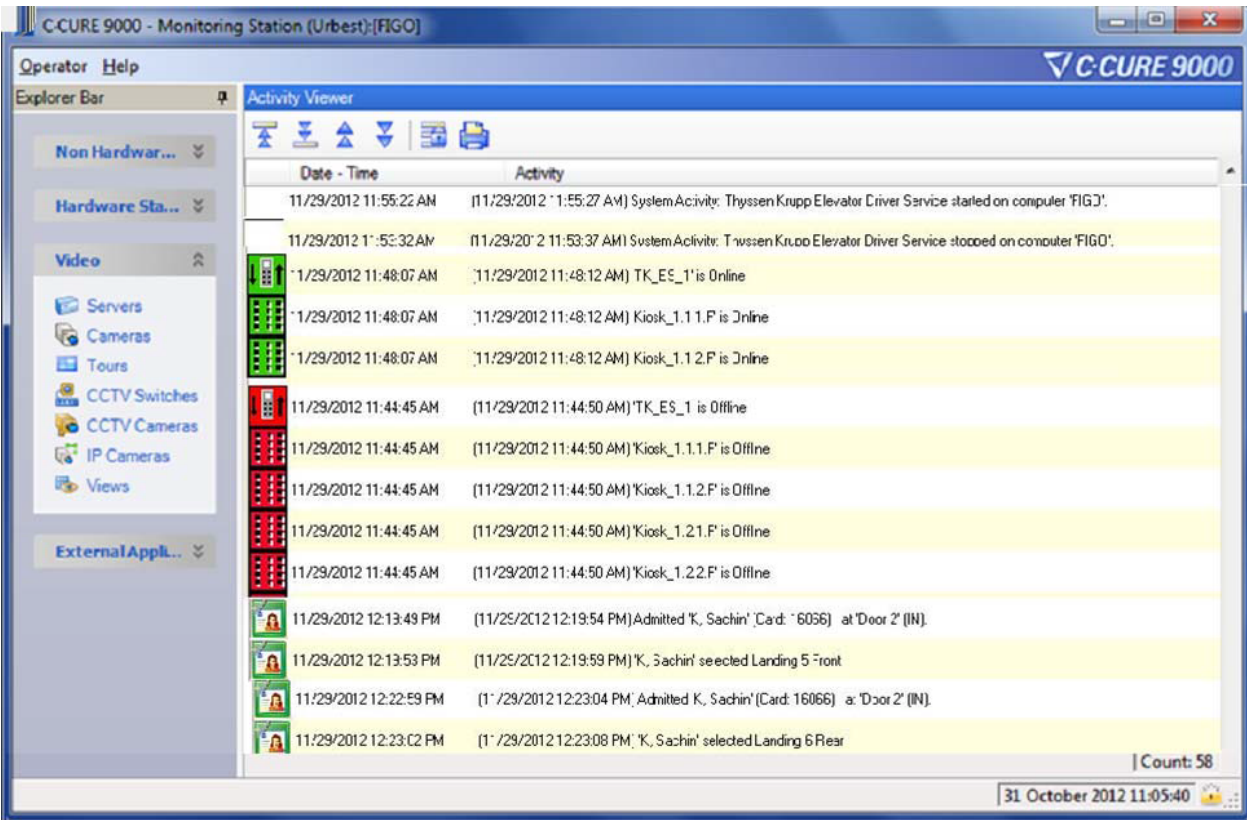
Cancelling Manual Actions

This section describes how to cancel the Secure Landing and Un-Secure Landing manual actions in the Monitoring Station.

To Cancel a Manual Action

1. Go to the Monitoring Station.

2. Right-click on the manual action that you want to cancel and select **Cancel** from the drop-down menu as shown in Figure 44 on Page 115. A new entry appears in the **Activity Viewer** to record that the Manual Action was canceled.

Figure 44: ThyssenKrupp Landing- Cancelling the Manual Action
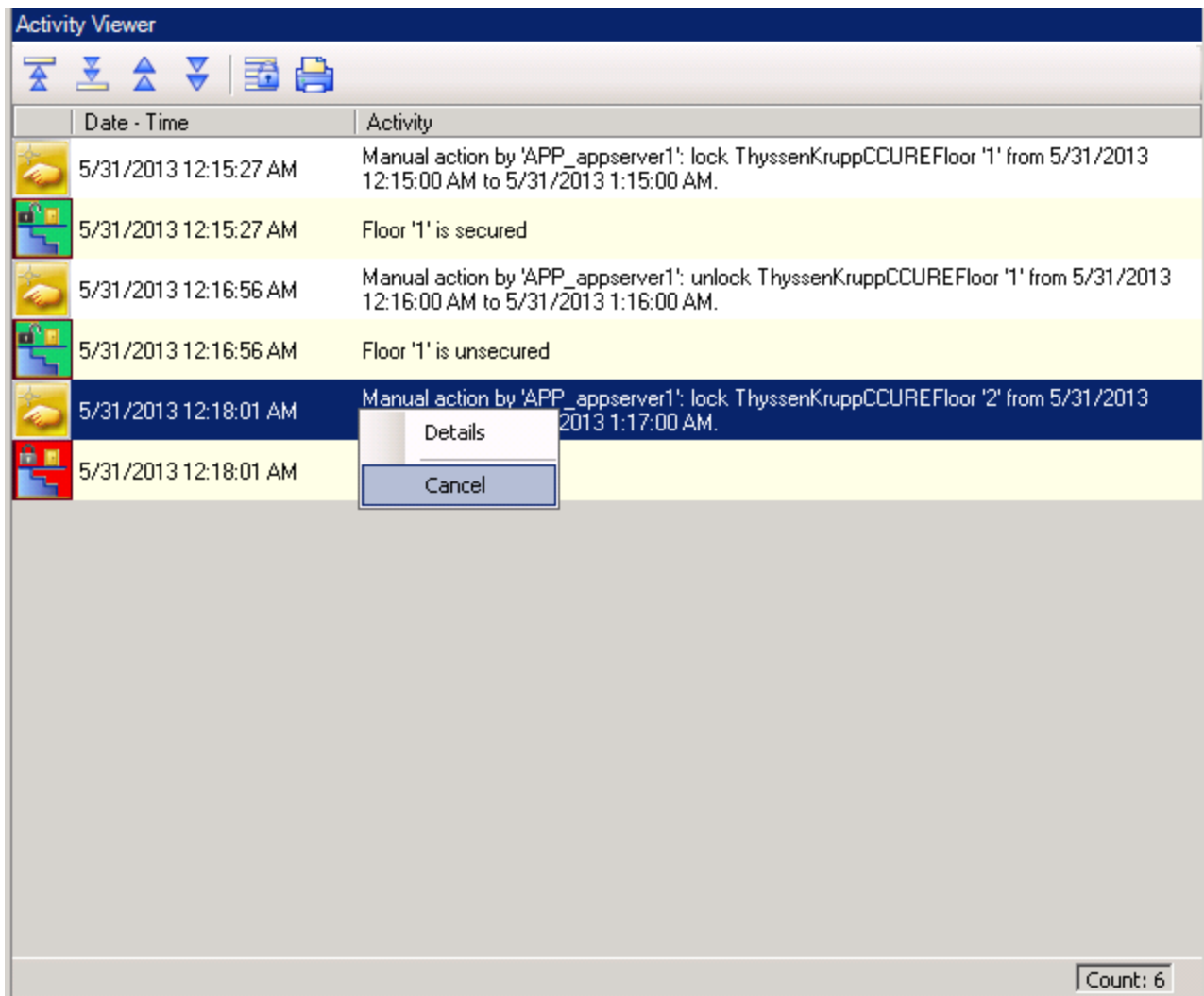
To Cancel a Manual Action from the Status List

1. Go to the Monitoring Station.

2. Under the **Explorer Bar**, click on **Non-Hardware Status**.

3. Click on the **Manual Actions** under **Non-Hardware Status.** The Status List - Manual Action dialog box opens displaying a list of manual actions and their current status.

4. Right-click on the manual action in the dialog box that you want to cancel and select **Cancel** from the drop-down menu, as shown in Figure 45 on Page 116.

Figure 45: ThyssenKrupp Landing- Cancelling the Manual Action from the Status List
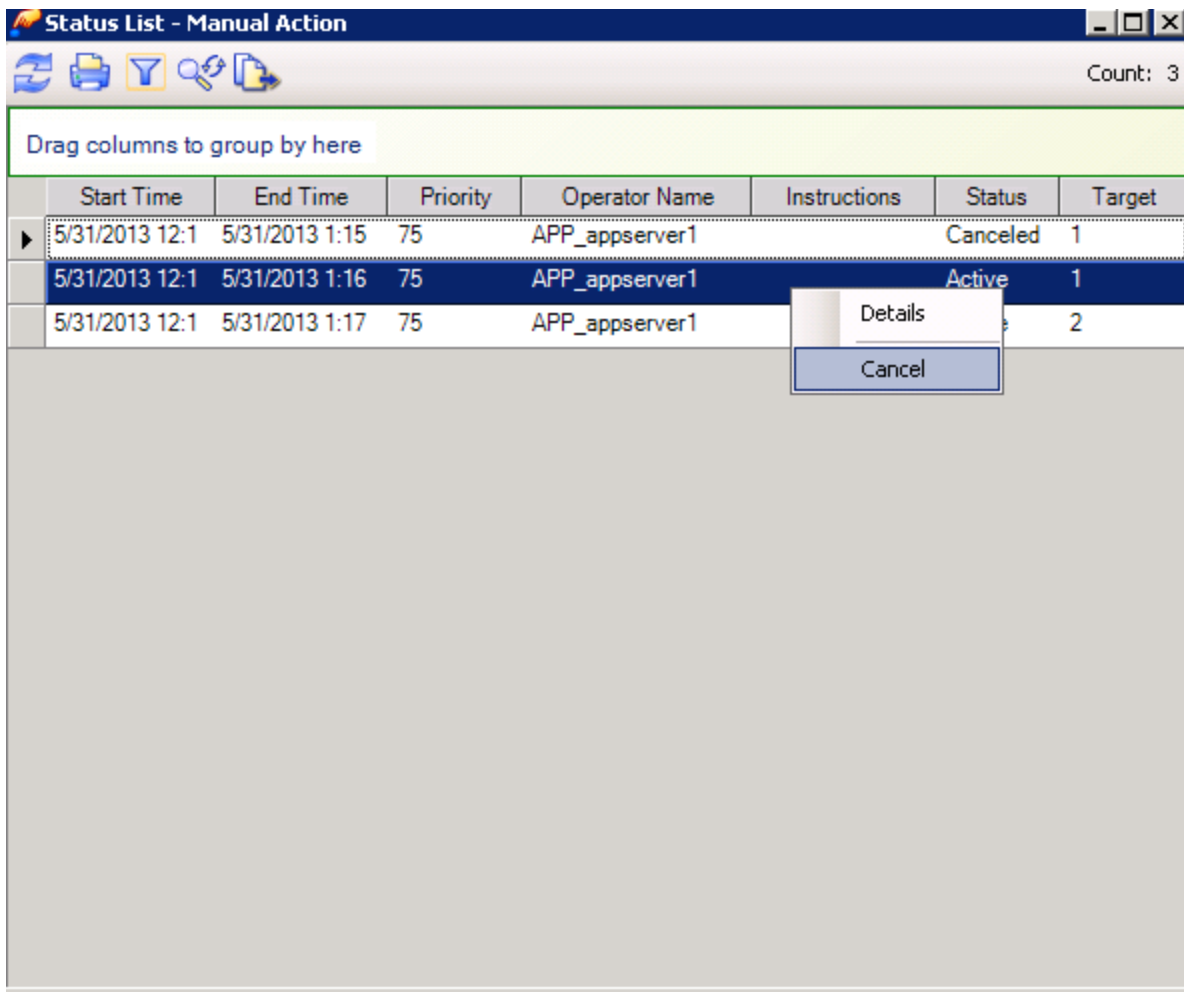
A new entry appears in the Activity Viewer to record that the Manual Action was canceled.

12

Journal and Audit Messages

This chapter discuses the ThyssenKrupp Elevator Integration Journal and Audit Messages and how to locate them.

In this chapter

Journal and Audit Log Messages

Table 10-1 lists the Journal Messages that can be reported by the ThyssenKrupp System to the C•CURE 9000 database.

Table 23: ThyssenKrupp Elevator Integration Journal Message Definitions

Category	Object	State Changes	Message Description
TKObjectChangeState	Elevator System	Online	<Name of the Elevator System> is Online
		Offline	<Name of the Elevator System> is Offline
	KIOSK	Online	<Name of the KIOSK> is Online
		Offline	<Name of the KIOSK> is Offline
System Activity	Driver	Start	System Activity: ThyssenKrupp Elevator Driver Service started on computer <Machine Name>
		Stop	System Activity: ThyssenKrupp Elevator Driver Service stopped on computer <Machine Name>
TK Elevator Message	Elevator System	Floor Selection	Personnel Name selected Landing # Front/ Rear
Manual Actions	Landing	Secure	Manual action by <Operator Name> lock <ThyssenKruppCCUREFloor <Name>from <Date Start time> to <Date End Time>
		Unsecure	Manual action by <Operator Name> unlock <ThyssenKruppCCUREFloor <Name>from <Date Start time> to <Date End Time>

Locating ThyssenKrupp Elevator Objects in the Journal

You can search for journal entries related to ThyssenKrupp Elevator.

To Find Journal Entries for a ThyssenKrupp Elevator Object

1. Right click a ThyssenKrupp Elevator object in the Hardware Tree in a Dynamic View.

2. Click **Find in Journal** on the context menu. Query Parameters dialog box appears.

   By default this query searches in the Journal for occurrences of the selected ThyssenKrupp Elevator System object within the last 7 days. You can accept the default values and click **Run** to run the query.

3. Click **Run.**

   A Dynamic View opens displaying the Journal Entries for the ThyssenKrupp Elevator object you selected.

Alternatively, you can click **Modify** to modify the query definition, adding or removing Query parameters.

Locating ThyssenKrupp Elevator Log Entries

You can search for Audit Log Entries related to ThyssenKrupp Elevator by clicking **Find an Audit Log** from the context menu of a ThyssenKrupp Elevator object in either the Hardware tree or Dynamic view.

To Locate Audit Log Entries for a ThyssenKrupp Elevator Object

1. Right click a ThyssenKrupp Elevator object in the Hardware Tree in a Dynamic View.

2. Click **Find in Audit Log** on the context menu. The Query Parameters dialog box appears.

   By default this query searches in the Audit Log for occurrences of the selected ThyssenKrupp Elevator System object within the last 7 days. You can accept the default values and click **Run** to run the query.

3. Click **Run**. A Dynamic View opens displaying the Audit Log Entries for the **ThyssenKrupp** Elevator object.

Alternatively, you can click **Modify** to modify the query definition, adding or removing Query parameters.

13

Troubleshooting

This chapter helps to resolve problems you may encounter with C•CURE 9000 ThyssenKrupp Elevator Integration.

In this chapter:

Troubleshooting

This section provides troubleshooting information for issues that may occur in the ThyssenKrupp Integration.
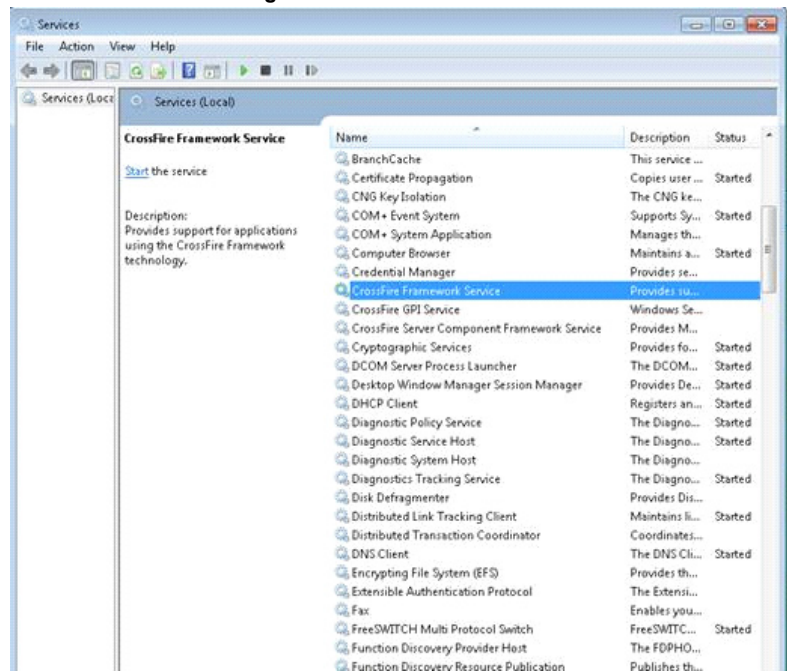
Problem

Sometimes the installation may fail if the CrossFire service does not stop on time and throws a time out error.

Solution

Ensure that you have completed the following steps:

- Check if the CrossFire service is stopped from services panel in case of installation failure. Refer to Figure 46 on Page 122.
- Wait till the CrossFire service is stopped and then trigger the installation again. This will work fine as the service is stopped already.

Figure 46: CrossFire Services

Problem

While un-installing the ThyssenKrupp driver in Microsoft Windows Server 2008 R2 operating system, the C•CURE 9000 service alert window is hidden behind the setup screen.

Solution

Navigate to C•CURE 9000 service alert window which is partially displayed behind the ThyssenKrupp InstallShield Wizard screen and select **OK** or **Cancel.**

Problem

Occasionally, Clearance Landing Matrix is not displayed in Kiosk.

Solution

Reassign the Clearance to Clearance Landing Matrix. Reassign the Clearance to Personnel.

A

Third-Party Copyright, Trademarks and License Information

This appendix contains the third-part copyright, trademarks and license information.

Microsoft Limited Public License Information

This software uses QueuedTaskedScheduler part of Microsoft Parallel Extensions Extra Library in assembly.

TSP.Enterprise.Server.ConcurrentTaskLibrary.dll under LPL 1.1 license.

MICROSOFT LIMITED PUBLIC LICENSE version 1.1

This license governs use of code marked as "sample" or "example" available on this web site without a license agreement, as provided under the section above titled " NOTICE SPECIFIC TO SOFTWARE AVAILABLE ON THIS WEB SITE."

If you use such code (the "software"), you accept this license. If you do not accept the license, do not use the software.

1. Definitions

   The terms "reproduce," "reproduction," "derivative works," and "distribution" have the same meaning here as under U.S. copyright law.

   A "contribution" is the original software, or any additions or changes to the software.

   A "contributor" is any person that distributes its contribution under this license.

   "Licensed patents" are a contributor's patent claims that read directly on its contribution.

2. Grant of Rights

   a. Copyright Grant - Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create.

   b. Patent Grant - Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free license under its licensed patents to make, have made, use, sell, offer for sale, import, and/or otherwise dispose of its contribution in the software or derivative works of the contribution in the software.

3. Conditions and Limitations

   a. No Trademark License- This license does not grant you rights to use any contributors' name, logo, or trademarks.

   b. If you bring a patent claim against any contributor over patents that you claim are infringed by the software, your patent license from such contributor to the software ends automatically.

   c. If you distribute any portion of the software, you must retain all copyright, patent, trademark, and attribution notices that are present in the software.

   d. If you distribute any portion of the software in source code form, you may do so only under this license by including a complete copy of this license with your distribution. If you distribute any portion of the software in compiled or object code form, you may only do so under a license that complies with this license.

   e. The software is licensed "as-is." You bear the risk of using it. The contributors give no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws

which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

f. Platform Limitation - The licenses granted in sections 2(A) and 2(B) extend only to the software or derivative works that you create that run directly on a Microsoft Windows operating system product, Microsoft run-time technology (such as the .NET Framework or Silverlight), or Microsoft application platform (such as Microsoft Office or Microsoft Dynamics).

Index

A

Accessing
   DEC Dialog Box 94
Architecture 15

C

Conventions used in this manual 10
Credential 16
CrossFire 22
Customer Support Center 11

D

Data Entry Device 16
Descriptions
   COP dialog box 96, 104

E

Emergency Support Hours 11

F

Features 14

I

Installation 18
Integration Software 21

M

MAS 18

N

Normal Support Hours 11

P

pre-installation 20

S

SAS 18
Security System 16
Software Downloads 21

T

Telephone Technical Support 11
Terminology 16

U

User Types Box
   accessing 94
User Types Dialog Box
   definitions 96, 104