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ThyssenKrupp Elevator Integration for C•CURE 9000 v2.90 Release Notes

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This document provides important information about the installation of the C•CURE 9000 ThyssenKrupp Elevator Integration v2.90 on both server and client machines. In case of discrepancy, the information in this document supersedes the information in any document referenced herein. Read this document before you install the product.

Product: C•CURE 9000 ThyssenKrupp Elevator Integration
- Integration Software Version: 2.91.38.0

This driver release is qualified with C•CURE 9000 when installed on:
- victor Unified Systems v3.91 (C•CURE v2.90 and victor v5.6)

Overview

The ThyssenKrupp Elevator System integration along with the C•CURE 9000 system provides security to floors in a multi-level building. It ensures that only those authorized may go to a particular landing or exit from that landing.
Access to a particular landing is determined through a swipe of a card to a card reader located outside the elevator. The card reader accesses the personnel privilege assigned to a specific ThyssenKrupp Elevator access configuration.

Features

The ThyssenKrupp Elevator System integration offers the following features:
- 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.
- Maintenance mode, which is used to limit information about an object displayed on the Monitoring Station.
- Supports 6 Elevator System per Server.
- Schedule-based floor access for all personnel.
- Communication status of elevator systems.
- Journaling and reporting of floor selection by personnel.
- Remote Monitoring is supported using Activity Viewer.
- Exemption Group can access Secured Floors.
- Clearance Landing Matrix with Home Floor support.
- Support for Register Call access.
- TLS1.2 support for security.

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Johnson Controls

Hardware Requirements

ThyssenKrupp Elevator Integration has the same hardware and disk space requirements as the Unified Application Server. If the target computer meets the Unified Server requirements, then it meets the ThyssenKrupp Elevator Integration requirements.

Software Requirements

The C•CURE 9000 ThyssenKrupp Elevator Integration requires the following software versions:
- C•CURE 9000 Clients: v2.90
- ThyssenKrupp Elevator security interface protocol v1.0.4.1

Contents of the Installation Package

The following table lists the contents of the ThyssenKrupp Elevator Integration installation package:

Table 1: Installation Package

File	Description
ThyssenKrupp_Integration.exe	Installation program for the ThyssenKrupp Elevator Integration software
CC9K-TK-v2-90-UM-8200-1191-1164-A0-en.pdf	C•CURE 9000 ThyssenKrupp Elevator Integration User Guide
CC9K-TK-v2-90-RN-8200-1191-1165-C0-en.pdf	Release Notes for C•CURE 9000 ThyssenKrupp Elevator Integration

Supported Installation Types

The C•CURE 9000 ThyssenKrupp Elevator Integration supports the following installation types:
- Unified Standalone
- C•CURE 9000 Standalone
- Unified Enterprise
- C•CURE 9000 Enterprise

Installation

See the C•CURE 9000 ThyssenKrupp Elevator Integration Guide for information.

Upgrading the ThyssenKrupp Elevator Integration

Caution:
If you have made any changes in the configuration file - `ThyssenKruppElevatorDriverService.exe`, ensure that you back up the file before upgrading. The configuration file is located at `Tyco\CrossFire\ServerComponents`.

Follow the steps to upgrade the ThyssenKrupp Elevator Integration:
- Upgrade C•CURE 9000 v2.70 to C•CURE 9000 v2.90, and then install the ThyssenKrupp Elevator System Integration.
- Upgrade C•CURE 9000 v2.80 to C•CURE 9000 v2.90, and then install the ThyssenKrupp Elevator System Integration.

To upgrade the ThyssenKrupp driver from a version earlier than v2.70 to v2.90, then follow an incremental upgrade path to get to version 2.70. You must upgrade the C•CURE installation before you upgrade the ThyssenKrupp Elevator system Integration. For example:

- If the current driver is a C•CURE v2.50 compatible driver, upgrade incrementally to a C•CURE v2.70 compatible driver, and then upgrade to a C•CURE v2.90 compatible driver to maintain data integrity.
- If the current driver is a C•CURE v2.60 compatible driver, upgrade incrementally to C•CURE v2.70 or v2.80 compatible driver, and then upgrade to a C•CURE v2.90 compatible driver to maintain data integrity

To upgrade the ThyssenKrupp integration to v2.90, complete the following procedure:
1. Use the Unified installer to upgrade to C•CURE 9000 v2.90.
2. Click **Later** on the prompt that appears after you upgrade C•CURE. Do not click **Reboot**.
3. Upgrade the ThyssenKrupp integration.
4. Reboot the machine.

Important Note:
When you upgrade C•CURE, if you reboot the machine before you upgrade the ThyssenKrupp integration, then the previous ThyssenKrupp integration remains active. Before you can upgrade the ThyssenKrupp driver, you must complete the following steps:
1. Open **Task Manager**.
2. Right-click **ThyssenKrupp.exe** and select **End Task**.

Scalability

ThyssenKrupp Elevator Integration that uses iSTAR Reader with Kiosk supports 6 Elevator Systems per server.

Language Support

This driver supports the English (US) language.

Compatibility Matrix

The following table lists the Compatibility Matrix of the ThyssenKrupp Elevator Integration:

Table 2: Compatibility Matrix

C•CURE 9000 Version 2.90	
Partner	ThyssenKrupp
Partner Product	Elevator Integration/Destination Dispatch
Partner Product Version	TAC50-04 32b
Integration Driver Version	2.91.38.0
C•CURE 9000 License Option	CC9000-THYSKRUPP
Enterprise Certified	Yes
Redundancy Certified	Yes (everRun Enterprise)
Supported Server OS	All OS supported by C•CURE Server
Supported Client OS	All OS supported by C•CURE Client

Supported SQL on Server	All SQL supported by C•CURE Server

Known Issues and Limitations

This section describes the C•CURE 9000 ThyssenKrupp Elevator known limitations.

- The ThyssenKrupp Elevator Integration server components cannot be installed on a victor Application Server MAS.
- To upgrade this driver to the current version, the User Account that was used to install the earlier version of ThyssenKrupp Elevator Integration must be used.
- If there are multiple clearances assigned to a personnel record, the landing matrix displays all clearances, including expired clearances that are associated with that personnel record.
- ThyssenKrupp Elevator Integration does not consider the following access control functions:
  - Anti-passback
  - Area Lockout
  - Area Configuration
  - Occupancy Counting
  - Intrusion Zones
- Occasionally, Kiosk status message is displayed multiple times on Monitoring Station.
- When Elevator System is enabled, it takes a few minutes for the associated Kiosks to show online status.
- If you change the time zone from non-DST to DST or the other way around, exception messages are logged on the Microsoft Windows 2008 R2 Server.
- The ThyssenKrupp Elevator Integration with C•CURE 2.40 onwards does not support EMC AutoStart or RepliStor products due to their End-Of-Life status. Also, ThyssenKrupp Elevator integration does not support everRun MX.
- If a user recreates the Elevator System objects that were deleted, the Offline and Online Elevator Status messages are journaled.
- When the ThyssenKrupp Elevator driver starts, the following exception message is logged in:
  - Diagnostics.
  - Reflection Load Failures.
  - Assemble.
  - AD HardwareInterface.
  - VideoEdgeHardwareInterface: This does not affect the functionality of the driver.
- If a clearance is assigned to the DOP Clearance Landing Matrix and the same clearance is deleted, then in victor client same clearance name is still retained in the Clearance field of DOP Clearance Landing matrix object. However it does not have any functional impact. The User can add new clearance by selecting from the object selector window.
- Migration of a standalone machine with a ThyssenKrupp Driver to SAS is not supported.
- 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.
- If user does not enter a Home Floor value in Clearance Landing Matrix, then the Home floor field reflects blank in Dynamic View instead of reflecting the default value as 0.
- Deployment of combination of Elevator System integrations (OTIS, ThyssenKrupp, KONE and Schindler) on the same C•CURE 9000 system is not supported.
- In a system that is configured for failover, if the failover of a physical machine takes too long, it may cause communication loss for a ThyssenKrupp elevator system.
- Users cannot create a Map object for the first kiosk of each ThyssenKrupp elevator system.
- If you upgrade the ThyssenKrupp environment from 2.70/2.80, Map objects that contain ThyssenKrupp landings and ThyssenKrupp kiosk images are overridden with ThyssenKrupp elevator system image.

Defects Fixed

The following table lists the defects fixed in this version of the software:

Table 3: General Fixes

Category	SPAR Number	SPAR Description
Driver	734300	Object reference not set to an instance exception raises whenever schedule is Active.

End of Release Notes