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Simplex 4100 integration for C•CURE 9000 Release Notes

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This document provides important information for installing the Simplex 4100 Fire Alarm Integration for C•CURE 9000 v2.90, for 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 integration software for Simplex 4100
- Release version: 2.90
- Integration software version: 3.91.4.4

Company: Simplex Grinnell (Tyco)

- Simplex 4100: 11.0 or above
- Simplex 4100ES: 2.03.02 or above

Company: Software House (Tyco)

Overview

The C•CURE 9000 Simplex 4100 Fire Alarm Integration provides seamless integration with the industry - leading 4100 fire panel from SimplexGrinnell. You can now view all critical security and fire events in one station and on one screen.

Features

The C•CURE 9000 integration with Simplex 4100 Fire Alarm Panel offers the following features :

- Support for multiple Simplex 4100 Fire panels
- Support for Simplex 4100 Fire Alarm panel remote management through Lantronix device
- Device or point status changes: For example, Fire, Trouble, Disabled
- Panel event status: For example, number of Fires, Troubles
- Panel health status: For example, AC Power status, battery status
- Reporting logs and service reports
- All fire alarm activities are logged in the security journal, allowing both life safety and security events to be reviewed together in future investigative reporting
- Support the read-only virtual keypad
- Provides pre-defined point icons for user

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Johnson Controls

Installation package contents

The table below lists the contents of the installation package:

Table 1: Contents of Installation

File	Description
FireFramework.msi	Simplex4100 Integration installation file
Setup.exe	Simplex4100 integration software setup file
Simplex4100.msi	Simplex4100 integration installation file

Hardware and software requirements

Software

The C•CURE 9000 integration with Simplex4100 Fire Alarm Panel requires the following software:

- Simplex 4100 firmware version 11.0 or above
- Simplex 4100ES firmware version 2.03.02 or above

Hardware

The C•CURE 9000 integration with Simplex Fire Panel has the same hardware, software, and disk space requirements as C•CURE 9000. If the target computer meets C•CURE 9000 requirements, then it meets Simplex Fire Panel Integration requirements.

Qualified Operating Systems

The Simplex 4100 integration is compatible with the following operating systems:

64-bit operating systems:
- Windows Server 2019
- Windows Server 2016
- Windows 10

Pre-Installation

Before you install the Integration software, ensure that your system meets the following requirements:

- You must have the appropriate Windows permissions.
- You must be a member in the local Administrators group or have equivalent privileges.
- Close all applications to avoid problems during installation.

Copy the Simplex4100 Fire Alarm Integration installation software from the C•CURE 9000 2.90 installation media. You can also download from Integration installation software from the Member Center on the Software House web site.

Installation

Following steps to install the Simplex 4100 Fire Alarm Integration:

1. Right-click `Setup.exe`, and select **Run as administrator**.
2. The Fire Framework confirmation dialog box appears. Click **Install** to start the installation process.
3. On the Simplex 4100 Fire Alarm Integration Welcome screen, click **Next**.

4. Select the **I accept the terms of the license agreement** check box, and then click **Next**.
5. If you install the integration on a server, the **Database Server Credentials** dialog box appears. Select one of the following authentication methods:
   - **Windows authentication credentials of current user** – this is the default option.
   - **Server authentication using the Login ID and password below** – if you had previously configured an SQL server, you can create a Login ID and Password to act as authentication credentials for the SQL database.
6. Click **Next**.
7. In the **Redundant Server Setup** dialog box, click **Next** to continue with the installation.
8. In the **Ready to Install the Program** dialog box, click **Finish** to complete the installation.

Post-Installation

After you install the integration software, the CrossFire Framework Service, CrossFire Server Component Framework Service, and the Simplex Driver Service must be running.

If the server services are not running, follow the steps to start them:

1. From the **Start** menu, select **Start>All Programs>Software House>C•CURE 9000>Server Configuration**.
2. On the **Services** tab, in the **Framework Services** pane, click the **Start** button beside the CrossFire Framework Service and the **CrossFire Server Component Framework Service**.
3. Wait for the status of Cross Framework Service and the CrossFire Server Component Service to change to **Running**.
4. In the **Extension Services** pane, select the **Enabled** check box for the **SoftwareHouse CrossFire Simplex4100 Driver Service** and then click the **Start** button.

After the status of the Crossfire Framework Service, CrossFire Server Component Service, and the SoftwareHouse CrossFire Simplex4100 Driver Service changes to Running, you can configure Simplex 4100 Fire Alarm Integration objects in the C•CURE 9000.

Scalability

This version of the driver supports 3000 points.

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Compatibility Matrix

The below table lists the software compatibility matrix information:

Table 2: Compatibility Matrix

C•CURE version 2.90	
Partner	Simplex
Partner Product	4100U, 4100ES
Partner Product version	• Simplex 4100: 11.0 or above • Simplex 4100ES: 2.03.02 or above
Integration driver version	3.91.4.4
C•CURE License option	Simplex 4100U Fire Alarm interface
C•CURE Enterprise certified	No
C•CURE Redundancy certified	No
Supported Server OS	All OS supported by C•CURE Server
Supported Client OS	All OS supported by C•CURE Client
Supported SQL Server	All SQL Server supported by C•CURE

Known issues and limitations

This section lists all the known issues and limitations in this release:

- Performing data acquisition from a Simplex panel does not generate a journal entry.
- Changing the name of the job in the ES programmer software renders the panel inoperable in C·CURE
- Simplex fire points do not show *normal* status on a map.
- When the Simplex service goes offline or online, it is not reported in the activity list.
- Does not support Oracle.
- None of the Simplex 4100 objects support import/export.
- Since the maximum baud rate of RS-232 ports on Fire Protection Products is 19200 bps, the maximum baud rate supported by Fire Alarm Integration is 19200 bps.
- 14 systems (new NXP CPU card) sometimes report unsolicited messages with the wrong time format, so the Fire Alarm Integration will receive a journal: unrecognized xPoint unsolicited message on Panel "": 083014-5221597@2-2-0 F1*. Firmware version 14.01.07 resolves this issue.
- Canceling data acquisition several times in the Fire Alarm Integration will cause the fire protection product to fail to respond. Restart the 4100 device to resolve the issue.
- Simplex LCD message displayed on virtual keypad contains ***.
- Simplex LCD messages are displayed on the virtual keypad with a delay of 1 to 2 minutes.

Defects Fixed

No defects in this release.

End of Release Notes