

SOFTWARE HOUSE

From Tyco Security Products

C•CURE 9000 V3.0 and LifeSafety Power Integration Version 8.9.32.30

C•CURE 9000 v3.0 and Integration with LifeSafety Power Version 8.9.32.30 Release Notes

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This Release Note file provides important information for the C•CURE 9000 v3.0 LifeSafety Power Integration on both server and client machines. (In case of discrepancy, the information in this document supersedes the information in any document referenced herein.)

NOTE: This release supports C•CURE 9000 v3.0

Please read this file before installing the product.

Contents

1. [Feature](#)
2. [Contents of Installation](#)
3. [Requirements](#)
4. [Qualified Operating Systems](#)
5. [Limitations](#)
6. [Installation](#)
7. [Features](#)

1. Overview

The C•CURE 9000 LifeSafety Power Integration is a product that integrates LifeSafety Power NetLink communication modules with the C•CURE 9000 Security Management System.

The LifeSafety Power NetLink module allows power systems manufactured by LifeSafety Power to be accessed over a network through SNMP or HTTP protocols. NetLink allows the advanced capabilities to a power system such as remote monitoring of power system status, remote battery testing, scheduled service due, enclosure or room temperature out of range, impending lock failure, and other remote servicing features. Through the LifeSafety Power C•CURE 9000 integration, this information is transferred automatically to C•CURE 9000, allowing events to be triggered on any NetLink event.

Background

Integration with C•CURE 9000 allows users to centrally manage LifeSafety Power products in the field through the C•CURE interface, providing monitoring of the NetLink modules, power supplies, and M8 managed lock control modules.

Benefits

- Remote Servicing - Reduce servicing costs through remote servicing features such as remote power cycle and remote troubleshooting.
- Remote battery testing - Manual or scheduled remote battery testing eliminates the need for an on-site technician.
- Reduced downtime - Alerts for insufficient battery backup time, impending lock failure, lock end of life, and out of range environmental conditions.

- Complete integration allows full control of the power system through the C•CURE 9000 interface, eliminating the need for accessing multiple interfaces.

2. Contents of Installation

The installation contains the following files:

- CCURE_LSP_IM.exe – *Installation program for the LifeSafety Power Integration*
- LSP_Integration_UserGuide.pdf – *C•CURE 9000 Version 3.0 LifeSafety Power Integration Guide Rev2*
- LSP_Integration_ReleaseNotes.pdf – *C•CURE 9000 v3.0 Integration with LifeSafety Power Integration Version Release Notes Rev2*

3. Requirements

The C•CURE 9000 LSP Integration product requires the following hardware and software versions:

- C•CURE 9000 v3.0 SP2 CU01 (or above)
- C•CURE 9000 LSP Integration 8.9.32.30
- MS Framework 4.8
- Supported NL4 version: 9.82
- Supported NLX version: 0.82
- Supported power supply models: FPO75, FPO150, FPO250, FPV4, FPV6, FPV102, FPV104
- Supported M8 controller version: 0.80
- Supported SD controller version: 1.1

4. Qualified Operating Systems

The LSP Integration supports Windows 8/8.1/10/Windows 2016/Windows 2019. The LSP Integration supports C•CURE MAS and SAS server installation.

5. Limitations

The LSP Integration product has the following limitations:

- English only

The LSP Integration product has the following capacity limitations:

- 750-LSP NetLinks
- 5000-LSP Connected Hardware

The LSP Integration product has the following functional limitations:

- When enabling DHCP or changing IP address on NetLink website system must be rebooted immediately, otherwise the C•CURE LSP integration won't establish connection automatically. C•CURE LSP will attempt to re-establish the connection within 2 minutes.
- Any additional hardware connected to the LSP panel not listed as supported in the release notes may affect some functionality of the integration:
 - When testing with an NL4 panel with an **SD16** device connected, it was discovered that changes to the **Alert Enable On** checkboxes from C•CURE had no effect on the LSP panel.

The supported performance of this integration is for a total system transaction volume of less than 20 transactions per second including LSP events and all other events on the C•CURE Server.

Installation

See the *C•CURE 9000 v3.0 / LifeSafety Power Integration Guide*.

6. Features

This LifeSafety Power integration now has the following features and enhancements:

- Enrolling devices capability: NetLink, Power Supplies, M8 Controllers, SD Controllers, NAC devices, M8 outputs, SD outputs
- Real-life NetLink devices monitoring
- NetLink objects management capability.
- NetLink to C•CURE alerts mapping capability.
- NetLink configuration maintenance
- Property based C•CURE events triggering capability
- Sending LSP commands over C•CURE executors
- Netlink Objects C•CURE map integration
- Diagnostic Feature
- Journal messaging
- C•CURE MAS/SAS support – see *LSP Integration Guide* for details
- Supports IPV6 connection to NetLinks

7. Command List

This integration supports a number of commands for each device including:

Netlink	M8 controller	M8 Output	Power Supply
Reboot System	Enable All M8 Outputs	Enable Output	Start Battery Test
Enable All Outputs	Disable All M8 Outputs	Disable Output	Stop Battery Test
Disable All Outputs	Reset All M8 Outputs	Reset Output	Reset AC and System
Reset All Outputs			Fault Counters

Please note, list is subject to change. For a complete list please refer to C•CURE 9000 v3.0/ LifeSafety Power Integration Guide.

8. Event List

This integration supports a number of event types for each device including:

NetLink supported event types:

ADC1 Under Low Limit
ADC2 Under Low Limit

Connection Status
Event1
External Temperature Beyond Limit
Hall Sensor1 Current Exceeds Upper Limit
Hall Sensor1 Current Under Low Limit
Hall Sensor2 Current Exceeds Upper Limit
Hall Sensor2 Current Under Low Limit
Service Due
System Fault Status

M8 Output event types:

Current Exceeds Upper Limit
Current Under Lower Limit
FAI Status
Power Ready
Voltage Exceeds Upper Limit
Voltage Under Lower Limit

SD Output event types:

Current Exceeds Upper Limit
Current Under Lower Limit
FAI Status
Cycle Count
Voltage Exceeds Upper Limit
Voltage Under Lower Limit

Power Supply event types:

AC Fault Status
Battery End of Life Reached
Battery Charging Current
Battery Condition Low
Battery Test Completed
FAI Status
Output Voltage
System Fault Status
Battery Backup Time Failed

Please note, list is subject to change, for a complete list please refer to C•CURE 9000 v3.0/LifeSafety Power Integration Guide.

End of Release Notes

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