

# SOFTWARE HOUSE

*From Tyco Security Products*

## C•CURE 9000 V2.7 and Life Safety Power Integration Version 8.8.7.27

C•CURE 9000 v2.7 and Integration with Life Safety Power Version 8.8.7.27 Release Notes

March 2020

This Release Note file provides important information for the C•CURE 9000 v2.7 Life Safety 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 v2.7.

Please read this file before installing the product.

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## 1. Overview

The C•CURE 9000 LSP Integration is a product that integrates LSP with the C•CURE 9000 Security Management System.

LSP is a network management system which can communicate with a NetLink NL2 or NL4 communication module either through SNMP or HTTP protocols. Netlink module allows to create a more secure system by adding the capability to remote monitor the system power, remote test battery sets, generate email SNMP alert messages on a fault, abnormal condition or scheduled service needed, remote control selected devices, and utilize remote diagnostics to reduce tech service time. This LSP data is transferred to the C•CURE 9000 automatically. In C•CURE 9000 an event is triggered on any event raised by the Netlink module.

### **Background**

Move web based LSP functionality into the C•CURE 9000 system allowing users to centrally manage Life Safety Power products in the field by providing realtime monitoring for LSP including Netlinks, power supplies and M8 Controllers and corresponding.

### **Benefits**

- Supportability - Improve supportability of Life Safety Products in the field by enabling remote recycling, system reboots and output managements as well as Battery level monitoring.
- Reduce engineering site visits - Reduce engineering site visits as a result of centralised application approach.
- Reduce downtime - Reducing downtime of devices and improve service to customers.

- Administration configuration – C•CURE 9000 LSP Integration offers more than just events and command control. This integration allows C•CURE to be utilized as an administration console for Life Safety Power products.

## 2. Contents of Installation

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The installation contains the following files:

- CCURE\_LSP\_IM.exe – *Installation program for the LSP Integration*
- LSP\_Integration\_UserGuide.pdf – *C•CURE 9000 Version 2.7 LSP Integration Guide*
- LSP\_Integration\_ReleaseNotes.pdf – *C•CURE 9000 v2.7 Integration with LSP Integration Version 8.8.7.27 Release Notes*

## 3. Requirements

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

- CCURE 9000 v2.7
- C•CURE 9000 LSP Integration v8.8.7.27
- MS Framework 4.6.1
- Supported NetLink firmware version: 9.19.9
- Supported NL4 version: 0.90, 1.40
- Supported power supply models: FPO75, FPO250, FPV104, FPV4
- Supported M8 controller version: 0.50

## 4. Qualified Operating Systems

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The LSP Integration supports Windows 8/8.1/10/Windows 2012 R2/Windows 2016/Windows 2019. The LSP Integration supports C•CURE MAS and SAS server installation.

## 5. Limitations

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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 connection within 2 minutes.

**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.**

## 6. Installation

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See the *C•CURE 9000 v2.7/LSP Integration Guide*.

## 7. Features

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This LSP integration now has the following features and enhancements:

- Enrolling devices capability: NetLink, Power Supplies, M8 Controllers, NAC devices, M8 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
- Supports IPV6 connection to NetLinks

## 8. Command List

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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 v2.7/ LSP Integration Guide.*

## 9. Event List

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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

**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 v2.7/LSP Integration Guide.*

## End of Release Notes

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