SOFTWARE HOUSE

From Tyco Security Products

C•CURE 9000 V2.8 and Life Safety Power Integration Version 8.8.7.28

C•CURE 9000 v2.8 and Integration with Life Safety Power Version 8.8.7.28 Release Notes

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This Release Note file provides important information for the C•CURE 9000 v2.8 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 v2.8.

Please read this file before installing the product.

Contents

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
- Supportablity - 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

The installation contains the following files:
- CCURE_LSP_IM.exe – *Installation program for the LSP Integration*
- LSP_Integration_UserGuide.pdf – *C•CURE 9000 Version 2.8 LSP Integration Guide*
- LSP_Integration_ReleaseNotes.pdf – *C•CURE 9000 v2.8 Integration with LSP Integration Version 8.8.7.28 Release Notes*

3. Requirements

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

- CCURE 9000 v2.8
- C•CURE 9000 LSP Integration v8.8.7.28
- 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

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

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

See the *C•CURE 9000 v2.8 / LSP Integration Guide*.

7. Features

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 – install client IM only on a MAS server – see *LSP Integration Guide* for details
- Supports IPV6 connection to NetLinks

8. Command List

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

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

Please note, list is subject to change. For a complete list please refer to C•CURE 9000 v2.8/ LSP Integration Guide.

9. 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

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 v2.8/LSP Integration Guide.

End of Release Notes