BluBØX
SECURITY RE-IMAGINED

BluSKY™ Power Management
Real-Time Power Monitoring and Management with Intelligence

Remote power monitoring and management with intelligence watches notifies and reacts to all power-related conditions. Get notified by email, text, or while online when one of the power solutions is running hot, the access control won't engage, or the security solution might somehow be compromised should a real emergency occur. Remotely access from anywhere, assess the system health, and even reboot or reset necessary components. If on-site service is necessary, it can be scheduled with the proper parts and accessories, so ideally the visit is accomplished during a single call. Here's what intelligent remote monitoring brings to the table for both integrator and end-user.

Power Diagnostics

Key Benefits

- Know your system is properly powered
- Know your doors locks are powered
- Reduced service calls, truck rolls, and maintenance costs
- Get alerted when you switch to battery backup
- Get alerted when enclosure temperatures are out of range
- Perform remote shutdowns, diagnostics and fire tests
- Get Instant notification of any power related trouble alerts
- Tie into comprehensive System Health monitoring

Key Features

- Remote control of system power from any device, anywhere, at any time
- Remote power cycle and shutdown
- Real-time power monitoring, statues, and events
- Over 40 power analytics and events
- Advanced power analytics and events
- Integration with AI situation conditions and response
- On screen, Email and SMS notifications
- Multiple notifications through distribution lists

Overview

Platform	Access	Alarms	Video	Visitors	Biometrics	Elevators	Intelligence	Power	Health
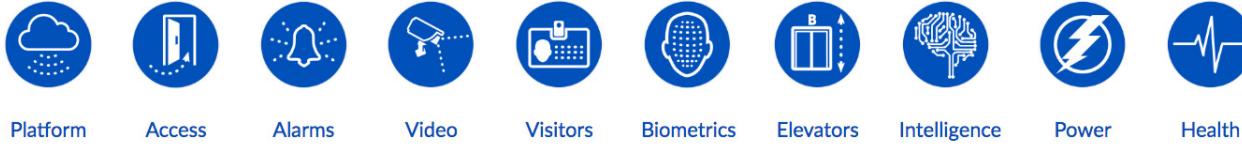
Power Module

Power Module List

Number	Name	Deleted	Power Controller	Power Module Type	Date Inserted	Inserted By	Date Updated	Updated By	Date Deleted	Deleted By
1	FP075		Demo 127 High St LSP Controller	FP075 Power Supply	7/16/2016 EDT 2:19 PM	User, System BluB0x_Company				
1	M8		Demo 127 High St LSP Controller	M8 Module	7/16/2016 EDT 2:19 PM	User, System BluB0x_Company				
1	FP075		Demo 125 High St LSP Controller	FP075 Power Supply	7/11/2016 EDT 8:18 AM	User, System BluB0x_Company				
1	M8		Demo 125 High St LSP Controller	M8 Module	7/11/2016 EDT 8:18 AM	User, System BluB0x_Company				

Create   Expand

Learn how to configure Power Modules

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Power Controller

Power Controller List

Name	IP Address	Hardware Version	Firmware Version	Capability	CPU Model	Version	Date	Time	Memory Description	Error Message	Confi...
Demo 125 High St LSP Controller	10.10.2.55	0.90	7.34	PowerSupply	ARM920T [41129200] revision 0 (ARMv4T)	0.90	Sat Feb 04 2017	11:48:55	Memory: 64MB total	No Errors	60
Demo 127 High St LSP Controller	10.10.2.127									Reading LSPConfigurationData (outputs) failed. Root element is missing.	60

[Create] [Expand]

[Learn how to configure Power Controllers](#)

Server

Server List

System	Demo 125 High St. ⬍

| Search Text | Remote Server name | View | All Active ⬍ | [Submit] reset |

Server Count 2

Name	System	Facility	Mac Address	Deleted	Date Inserted	Inserted By	Date Updated	Updated By	Date Deleted	Deleted By
Demo 125 High St Server	Demo 125 High St.	Demo 125 High St.	001212121212		7/11/2016 EDT 8:11 AM	Goldshmid, Simon F BluBOX Security, Inc.	7/25/2016 EDT 8:50 AM	Goldshmid, Simon F BluBOX Security, Inc.		
Demo 127 High St Server	Demo 127 High St.	Demo 127 High St.	001212121212		7/25/2016 EDT 8:46 AM	Goldshmid, Simon F BluBOX Security, Inc.	7/25/2016 EDT 8:54 AM	Goldshmid, Simon F BluBOX Security, Inc.		

[Create] [Expand]

[Learn how to configure Power Management Server](#)

Situational Conditions and Response

Edit Simple Rule

* Name	Demo 125 - Login Password Reset Requested		Active	Yes

| Owner | Me / Other Person / **Shared** | | Schedule | Access 24/7 (Global) |

| Start D/T | optional | ET ✕ 📅 | End D/T | optional | ET ✕ 📅 |

| Event Category | Login | | Event Type | Login Password Reset Requested |

| Triggered By | All People In System: Demo 125 High St. |

| Then Action | Send Email | | Action Performed On | **Distribution List** / Person |
| | | | | Demo |

| Preferred Contact Type | Work |

| Override Notification Template | No |

| Action Problem Distribution List | Please Select |

Audit Info ▾

[Save]   Back To List

[Learn how to capture power related situations and respond](#)

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Diagnostics

Show AC Systems		Remote Servers	LSP Controllers				
Demo 125 High St.		Demo 125 High St Server (ca472590-1ba7-	Demo 125 High St LSP Controller	Output Description	1		
Demo 127 High St.		42bd-a8e4-b58850a30e59)		Turn M8 Output On	1	Turn M8 Output Off	
				Turn NL4 Output On	1	Turn NL4 Output Off	

LSP Controller Properties

IP Address	Model	Hardware Version	Firmware Version	Capability	CPU Model	NL4 Version	Memory Description	Config. Poll Interval	System Poll Interval	Power Mgmt Poll Interval
10.10.2.55	NL4	0.90	7.34	PowerSupply	ARM920T [41129200] revision 0 (ARMv4T)	0.90	Memory: 64MB	60	60	60

LSP Controller Latest Data

Tamper	Connection	Battery Power	AC Power	Temperature	CPU %	Hall Sensor 1 Amps	Hall Sensor 1 Amps	ADCReading Volts	Service Due	Control1	Control2	Error	Update Date
OK	OK	Fault	OK	42.38	4	0Amp	None	0VDC	YES	OFF	OFF	No Errors	Feb 4 2017 9:12AM

LSP M8 Module Latest Data

Module Number	Channel Number	Zone Description	Voltage	Current	Power	Power Ready	Control Input	FAI Status	Zone Status	Error Message	Update Date
1	1	IT PR Room	12.43V	0.00A	0.00W	Yes	Inactive	Disabled	Normal	No Errors	Feb 4 2017 9:12AM
1	2	IT Room	12.43V	0.00A	0.00W	Yes	Inactive	Disabled	Normal	No Errors	Feb 4 2017 9:12AM

[Learn how to use Power Diagnostics](#)

Architecture Diagram
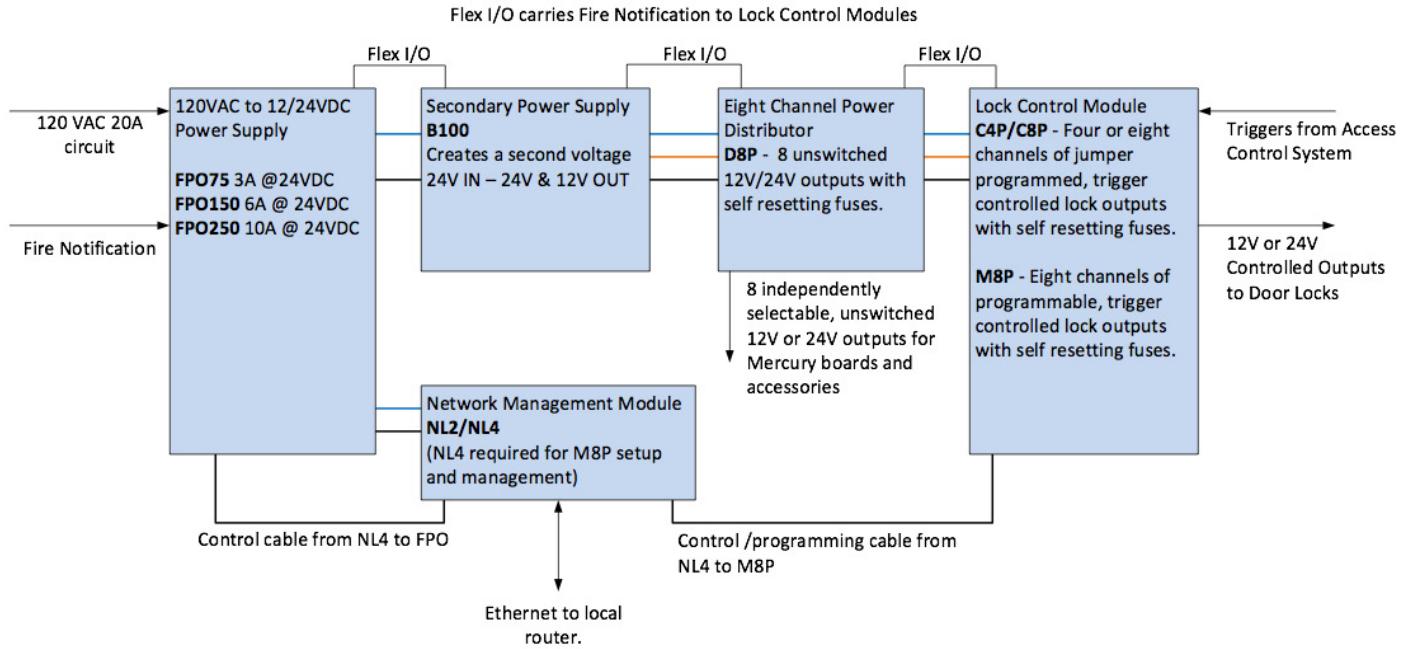
Diagram 1: Power Management Schematic (https://knowledge.blub0x.com/Support/Hardware_Setup/Life_Safety_Power_Component_Interconnect)

Control and monitor power to:

- Access Control and Alarm
- Enclosures
- Fire System
- Door Locks
- Elevator Destination Dispatch Servers
- Video and Analytic Servers
- Cameras
- Turnstiles

BluSKY™ Power Management

Analytics and Events

All local power management components communicate their status and take their commands from the NL4/NL2. Power information is sent to BluSKY and analyzed in real time. More than 40 power conditions are analyzed and produce system events when conditions persist. Events are analyzed by an Intelligence engine and actions are taken automatically based upon the conditions.

- Power State Change to AC /Battery
- Battery Running Low
- Battery Needs Check/Replacement
- Power Supply Voltages Exceeded or Limited
- Power Supply Currents Exceeded or Limited
- Temperature Above or Below Limits
- Power Limited
- Power Not Ready
- Control Input Status Change to Active/Inactive
- Fire Relay Status Change to Active/Inactive
- Zone Status Change
- Communication Errors
- Data Not Being Read

Hardware

BluBØX Part #	Item	Description	MSRP Unit Price
460-0500	Power Management Gateway	Compute stick and support hardware that supports communication between LSP NL2 or NL4 and BluSKY Power Diagnostics	$315

Reference: The VPN / Remote Management Gateway and Power Management are required for solutions that include BluBØX Video Management Integration, Destination Dispatch Elevators or Person Readers.