

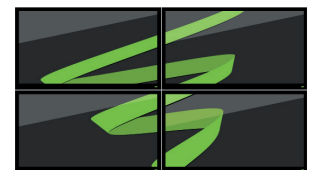
PRODUCT GUIDE

Network Solutions
for the Pro AV
Integrator



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AV OVER IP READY

Select Luxul switches provide simple and seamless integration with industry-leading AV over IP systems.



PoE+ & LAYER 2/LAYER 3

Full 802.3af/at compliance and healthy power budgets, and advanced Layer 2/3 features streamline network traffic while simplifying installation.



SELF-HEALING

Gives select Luxul switches PoE Auto-Recovery & PoE Power Scheduling Feature. Change the game, beat the truck rolls.



All Luxul products include Free Lifetime Support, Free firmware upgrades for life of product and a 3 Year Limited hardware Warranty.

ASK ABOUT OUR FREE NETWORK DESIGN SERVICE.



NEW EPIC WIRELESS MESH KIT MK-10

- Includes two interchangeable nodes (can be configured as a Gigabit mesh router or mesh satellite node)



NEW EPIC WIRELESS MESH NODE MN-10

- Can be used as Gigabit router, satellite, or additional node for expansion

Epic Mesh

The Epic Mesh solution combines the power of a Luxul wireless product with the ease of wireless mesh networking solutions, resulting in a reliable network comparable to those you've come to depend on from Luxul. Enjoy simple installation with the Easy Setup App on your iOS or Android smartphone.

ENJOY THESE ADDITIONAL FEATURES WITH THE LUXUL EPIC MESH SOLUTION

- High capacity bandwidth between nodes
- Specialized antenna design with beamforming for better device connectivity and speed
- Quick and simple setup using Easy Setup App
- Physical node placement assistance for the best coverage

SPECIFICATIONS

- Wave 2 MU-MIMO
- High capacity 5GHz (4x4) backhaul radio
- 2.4GHz and 5GHz (2x2) client connectivity radios
- Secure guest network

Remote Access

MANAGE YOUR LUXUL NETWORKS... FROM ANYWHERE

With our new cloud management solution, ProWatch, you'll have access to your client's networks from anywhere at any time. Available through a web application as well as on Android and iOS smartphones and tablets, easily take advantage of all the benefits below and more:

- Reboot PoE and smart PDU connected devices
- Remote access to a device's local UI
- Automatically discover and monitor all devices on the network
- Receive alerts when devices go offline
- Remote firmware updates
- Easily view all your sites in either list or map view

EPIC ROUTERS

Luxul Epic routers are designed for use in high-capacity residential and commercial networks. A router is the interface between the internet and the local network and is the foundation for a reliable network. Luxul's complete line of full-featured, high-performance routers offer firewall, QoS, VLAN, VPN, and other capabilities that ensure the best network performance, scalability, and security.



EPIC 5 - HIGH-PERFORMANCE GIGABIT ROUTER ABR-5000

- High-performance full-Gigabit WAN to LAN throughput
- Two WAN, five LAN ports
- Rear-facing ports with user-selectable green or blue front facing LEDs



EPIC 4 - GIGABIT ROUTER ABR-4500

- 600Mbps WAN to LAN throughput
- One WAN, one LAN, and three LAN/WAN configurable ports
- Rear-facing ports with user-selectable green or blue front facing LEDs

Wireless Routers

Luxul's line of wireless routers combine wired router functionality with high-powered, dual-band wireless technology. With support for firewall, QoS, VPN, and Roam Assist for active roaming and improved network performance, they're a great choice for highly reliable residential or light-commercial networks.

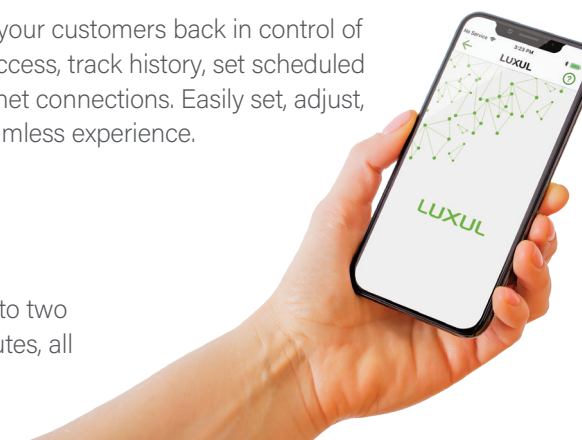
ROUTER LIMITS

Luxul routers with Router Limits content management* put your customers back in control of their internet experience. Manage the traffic, pause device access, track history, set scheduled access, and limit site access by groups or devices with internet connections. Easily set, adjust, or create new restrictions from the cloud app, creating a seamless experience.

LUXUL EASY SETUP APP

The Luxul Easy Setup App helps you be efficient on the job.

Set up a Luxul wireless router (XWR-1200 & Epic 3) and up to two additional access points at the same time in under two minutes, all from the convenience of your phone!



EPIC 3 - DUAL-BAND WIRELESS AC3100 ROUTER XWR-3150

- Wireless data transfer of up to 3100Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 4x4 concurrent dual-band 802.11ac
- 2.4 and 5GHz beamforming
- Easy Setup App compatible
- Built-in Router Limits*
- Built-in Domotz remote management system

*Subscription fees may apply



DUAL-BAND WIRELESS AC1200 ROUTER XWR-1200

- Wireless data transfer of up to 1200Mbps
- Built-in wireless controller (supports up to 2 additional Luxul APs)
- 2x2 concurrent dual-band 802.11ac
- 5GHz beamforming
- Easy Setup App compatible
- Built-in Router Limits*

Wireless Controllers

With Luxul's Roam Assist technology, the XWC-2000 and XWC-1000 enable active roaming while simplifying the access point setup and control. Compatible with all Luxul current XAP series models, which allows integrators to mix and match APs to maximize the performance and budget of each project.

WIRELESS ROUTERS WITH BUILT-IN WIRELESS CONTROLLER

Luxul Roam Assist technology is now available in Luxul's complete line of full-featured, high-performance wireless routers.



WIRELESS CONTROLLER XWC-2000

- Active client roaming
- Centralized setup and control
- Supports up to 32 Luxul APs



WIRELESS CONTROLLER XWC-1000

- Active client roaming
- Centralized setup and control
- Supports up to 16 Luxul APs

SIMPLE TO INSTALL
FREE LIFETIME SUPPORT
NOT SOLD ONLINE!



WIRELESS ROUTER KITS

- WS-260**
 - Epic 3 & XAP-1610
- WS-250**
 - Epic 3 & XAP-1510
- WS-80**
 - XWR-1200 & XAP-810



Wireless Controller Systems

Luxul wireless controller systems include everything needed to effortlessly deploy a reliable whole-home or commercial wireless network. Systems can easily be expanded with up to 16 APs and work with any combination of current XAP series models.



WIRELESS CONTROLLER SYSTEM WITH WAVE 2, MUMIMO 4X4 AC3100 ACCESS POINTS

- XWS-2610**
 - One XWC-1000 wireless controller
 - Two XAP-1610 AC3100 dual-band access points
 - Two PoE injectors



WIRELESS CONTROLLER SYSTEM WITH HIGH-POWERED AC1900 ACCESS POINTS

- XWS-2510**
 - One XWC-1000 wireless controller
 - Two XAP-1510 AC1900 dual-band access points
 - Two PoE injectors



WIRELESS CONTROLLER SYSTEM WITH HIGH-POWERED AC1200 ACCESS POINTS

- XWS-1810**
 - One XWC-1000 wireless controller
 - Two XAP-810 AC1200 dual-band access points
 - Two PoE injectors

Indoor APEX™ Access Points

Our dual-band APs are based on the latest 802.11ac standards. They offer high-powered, dual-band wireless functionality and beamforming technology for farther-reaching WiFi coverage and maximum data rates—resulting in a superior wireless networking experience.

WAVE 2
4x4
MU-MIMO



AC3100 DUAL-BAND WIRELESS AP XAP-1610

- 4x4 Wave 2, MU-MIMO 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Extreme throughput for video streaming & online gaming
- Ceiling or wall mount



AC1900 DUAL-BAND WIRELESS AP XAP-1510

- 3x3 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Beamforming on both bands
- Ceiling or wall mount



AC1200 DUAL-BAND WIRELESS AP XAP-810

- 2x2 802.11ac
- High-Powered
- 2.4GHz & 5GHz
- Ceiling or wall mount

Controller Compatible Outdoor APs

The Luxul controller compatible and weather resistant outdoor access points extend your WiFi coverage to the outdoors. Create connected outdoor spaces for mobile devices, streaming audio, and control systems.

INDOOR APEX™ ACCESS POINTS

Our dual-band APs are based on the latest 802.11ac standards. They offer high-powered, dual-band wireless functionality and beamforming technology for farther-reaching WiFi coverage and maximum data rates—resulting in a superior wireless networking experience.



AC1200 DUAL-BAND OUTDOOR AP

XAP-1440

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Controller compatible
- Weather-resistant enclosure (IP-65 rated)

Wireless Bridges



AC1200 DUAL-BAND OUTDOOR BRIDGING AP

XWO-BAP1

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosure (IP-65 rated)
- Supports point-to-point and point-to-multipoint applications



AC1200 DUAL-BAND OUTDOOR BRIDGING KIT

XWO-BKT1

- 2x2 802.11ac
- High-powered
- 2.4GHz & 5GHz
- Weather-resistant enclosures (IP-65 rated)
- Pre-configured bridge
- Includes two access points and two PoE injectors

WIRELESS KITS

Part Number	WS-80	WS-250	WS-260	XWS-1810	XWS-2510	XWS-2610
Type	AP/Wireless Router	AP/Wireless Router	AP/Wireless Router	AP/Wireless Controller	AP/Wireless Controller	AP/Wireless Controller
Access Point	XAP-810 x1	XAP-1510 x1	XAP-1610 x1	XAP-810 x2	XAP-1510 x12	XAP-1610 x2
Wireless Router	XWR-1200	Epic 3	Epic 3	NA	NA	NA
Wireless Controller	Built-in	Built-in	Built-in	XWC-1000	XWC-1000	XWC-1000
Scalability	Up to 2 APs	Up to 2 APs	Up to 2 APs	Up to 16 APs	Up to 16 APs	Up to 16 APs
Band Support	802.11ac Dual-Band 2.4GHz & 5GHz	802.11ac Dual-Band 2.4GHz & 5GHz	Wave2, MU-MIMO 4X4 802.11ac Dual-Band 2.4GHz & 5GHz	802.11ac Dual-Band 2.4GHz & 5GHz	802.11ac Dual-Band 2.4GHz & 5GHz	Wave2, MU-MIMO 4X4 802.11ac Dual-Band 2.4GHz & 5GHz
Clients Supported	70	100-120	100-120	40 per AP	100-120 per AP	100-120 per AP

ACCESS POINTS

Part Number	XAP-810	XAP-1510	XAP-1610	XWO-BAP1	XAP-1440
Type	Indoor	Indoor	Indoor	Outdoor Bridge	Outdoor
Wireless Speed	1900Mbps	1900Mbps	3167Mbps	1200Mbps	1200Mbps
Mounting	Ceiling/Wall	Ceiling/Wall	Ceiling/Wall	Wall/Pole	Wall/Pole
Beamforming	5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	No	No
Wireless Controller Compatible	Yes	Yes	Yes	No	Yes
Clients Supported	Up to 50	Up to 128	Up to 128	Up to 50	Up to 50
Frequency	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz	2.4GHz & 5GHz
Wireless Mode	2x2: 802.11ac	3x3: 802.11ac	Wave2, MU-MIMO 4x4 802.11ac	2x2: 802.11ac	2x2: 802.11ac
Ports	Gigabit x1	Gigabit x2	Gigabit x2	Gigabit x1	Gigabit x1
Extended Temperature Rated	0 to +50C°	0 to +50C°	0 to +50C°	-20C° to +50C°	-20C° to +50C°
Coverage/Range*	Up to 4000 sq ft	Up to 5000 sq ft	Up to 5000 sq ft	Up to 1/2 mile Bridge	Up to 400 sq ft

Customer Assurance Program

FREE NETWORK DESIGN • GUARANTEED WiFi COVERAGE • LIFETIME SUPPORT



ABOUT THE PROGRAM

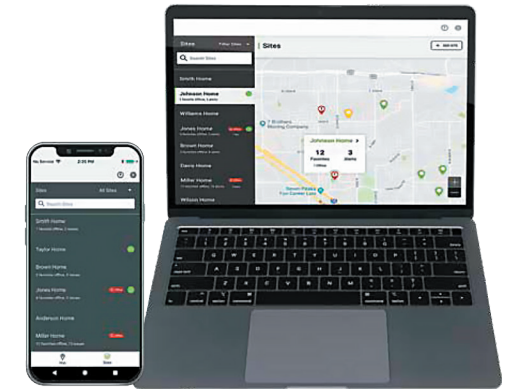
Reliable Network Guaranteed

The Luxul Customer Assurance Program takes the stress out of designing a network. Simply register your project online at luxul.com/assurance-program; Luxul engineers will provide a complete network design; and if you need assistance configuring the network, an advanced support team is available to you. If you have a product failure, we will provide an advanced replacement of any Luxul product, and if the design doesn't perform we'll make it right by providing additional network equipment, at no cost to you.

LUXUL PROWATCH

Free Cloud Management Solution

Luxul's new ProWatch cloud management solution allows integrators to remotely monitor and manage every device on their clients' networks, getting real-time notifications of status and quickly resolving issues. With cloud management, integrators can access their customers' Luxul networks and connected devices at any time—from anywhere—in map or list views via an intuitive web interface. Site-level indicators provide the online/offline status of connected devices and the availability of firmware updates, while customizable alerts notify integrators of issues via text or email.



THE BEST CHOICE FOR YOUR SMART COMMERCIAL NETWORK

With the dramatic increase in everyday connected devices, having a powerful network that manages the flow of audio, video, and data has become critical. With that in mind, Luxul:

- Is built for professional installers who know how to configure and optimize networks.
- Provides a network that can handle the everyday demand on bandwidth and is built with the horsepower to run today's technology and beyond.
- Wireless coverage everywhere you need it, with the ability to seamlessly move your device between Access Points without dropping off the network.



WARRANTY

Luxul offers free software updates plus a three-year hardware warranty on all Luxul network products when the network components are purchased from and installed by an Authorized Luxul Dealer.

AV Series PoE Switches

PoE managed switches include port Auto-Recovery and Power Scheduling, ensuring system reliability and uptime. For AV over IP video systems, PoE+ switches offer full 802.3af/at compliance and power budgets, and advanced Layer 2/Layer 3 features streamline network traffic while simplifying installation.



NEW AV SERIES 26-PORT GIGABIT MANAGED POE+ SWITCH

SW-610-24P-R

- 24 Gigabit RJ-45 ports + four 10 Gigabit SFP+ ports
- Group up to 16 switches
- 24 PoE+ ports (370 Watts power budget)
- Variable speed fan



AV SERIES 26-PORT GIGABIT MANAGED POE+ SWITCH

AMS-2624P

- 24 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 24 PoE+ ports (250 Watts power budget)
- Variable speed fan



AV SERIES 18-PORT GIGABIT MANAGED POE+ SWITCH

AMS-1816P

- 16 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 16 PoE+ ports (185 Watts power budget)
- Variable speed fan



AV SERIES 12-PORT GIGABIT MANAGED POE+ SWITCH

AMS-1208P

- 10 Gigabit RJ-45 ports + two Gigabit SFP combo ports
- 8 PoE+ ports (130 Watts power budget)
- Fanless for silent operation

AV Series Switches

Luxul AV Series switches feature rear-panel ports and front-facing LEDs (user-selectable blue/green colors) for clean integration with AV rack systems. Managed switches feature advanced Layer 2/Layer 3 functionality and are designed for use in HD over IP video systems; non-managed switches are plug-and-play.



AV SERIES 24-PORT GIGABIT SWITCH

AGS-1024

- 24 Gigabit RJ-45 ports
- 48Gbps switching capacity
- Fanless for silent operation



AV SERIES 16-PORT GIGABIT SWITCH

AGS-1016

- 16 Gigabit RJ-45 ports
- 32Gbps switching capacity
- Fanless for silent operation

L2/L3 PoE Switches

Luxul L2/L3 managed switches offer advanced Layer 2/Layer 3 functionality and a simple-to-use interface for switch setup and management. Switches with PoE+ functionality offer full 802.3af/at compliance and healthy power budgets.



NEW 48-PORT GIGABIT MANAGED POE+ SWITCH

SW-610-48P-F

- 48 Gigabit RJ-45 ports + four 10 Gigabit SFP+ ports
- Group up to 16 switches
- 48 PoE+ ports (740 Watts power budget)
- Variable speed fan



NEW 48-PORT GIGABIT MANAGED POE+ SWITCH

SW-510-48P-F

- 48 Gigabit RJ-45 ports + four Gigabit SFP ports
- 48 PoE+ ports (740 Watts power budget)
- Variable speed fan



26-PORT GIGABIT MANAGED POE+ SWITCH

XWS-2624P

- 26 Gigabit RJ-45 ports + two Gigabit combo ports
- 24 PoE+ ports (370 Watts power budget)
- Variable speed fan



12-PORT GIGABIT MANAGED POE+ SWITCH

XMS-1208P

- Eight Gigabit Ethernet PoE+ ports (130 Watts power)
- Two Gigabit Ethernet ports & two SFP ports (can be used independently)
- Fanless for silent operation

Affordable Switches

Based on the newest standards and highest-quality design, Luxul switches offer a scalable and affordable choice for expanding your network.



8-PORT GIGABIT DESKTOP SWITCH

XGS-1008

- Eight Gigabit RJ-45 ports
- 16Gbps switching capacity
- Designed for desktop or wall mount



5-PORT MINI GIGABIT SWITCH

XGS-1005-5

- Five Gigabit RJ-45 ports
- 10Gbps switching capacity
- Designed for desktop or wall mount
- Five XGS-1005s sold in a package

AV POE SWITCHES

Part Number	SW-610-24P-R	AMS-2624P	AMS-1816P	AMS-1208P
Type	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3
Port Speed	Gigabit	Gigabit	Gigabit	Gigabit
Mounting	Rack	Rack	Rack	Rack
Fan	Low Noise Variable Speed	Low Noise Variable Speed	Low Noise Variable Speed	Fanless
PoE Power Budget	370 Watts	250 Watts	185 Watts	130 Watts
Blue/Green Switchable LEDs	Yes	Yes	Yes	Yes
Uplink Aggregation	Yes up to 40Gbps	No	No	No
PoE	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts
Ports	24 Gigabit PoE and 4 10-Gigabit SFP+	24 Gigabit 24 PoE with 2 Gigabit uplink with 2 shared SFP	16 PoE 2 Gigabit and 2 Gigabit SFP	8 PoE 2 Gigabit and 2 Gigabit SFP

POE SWITCHES

Part Number	SW-610-48P-F	SW-510-48P-F	XMS-2624P	XMS-1208P
Type	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3	Managed: L2/L3
Port Speed	Gigabit	Gigabit	Gigabit	Gigabit
Mounting	Rack	Rack	Rack	Rack
Fan	Low Noise Blowers	Low Noise Blowers	Low Noise	Fanless
Uplink Aggregation	Yes up to 40Gbps	Yes up to 4Gbps	No	No
PoE	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts	PoE+ up to 30 Watts
PoE Power Budget	740 Watts	740 Watts	370 Watts	130 Watts
Ports	48 PoE+ 4 10- Gigabit SFP +	48 PoE+ 4 Gigabit SFP	24 PoE+ 2 Gigabit/SFP combo	8 PoE 2 Gigabit and 2 Gigabit SFP

AV SWITCHES

Part Number	AGS-1024	AGS-1016
Type	Unmanaged	Unmanaged
Port Speed	1Gbps	1Gbps
Mounting	Rack	Rack
Fan	Fanless	Fanless
Blue/Green Switchable LEDs	Yes	Yes
Ports	24 Gigabit	16 Gigabit

SWITCHES

Part Number	XGS-1005	XGS-1008
Type	Unmanaged	Unmanaged
Port Speed	Gigabit	Gigabit
Mounting	Desktop	Desktop
Fan	Fanless	Fanless
Ports	5 Gigabit	8 Gigabit

Unmanaged PoE Switches



4 PORT GB POE+ SWITCH

SW-100-04P

The SW-100-04P is a compact Gigabit PoE+ switch that provides four PoE+ capable ports of Gb Ethernet connectivity with a total power budget of 58 watts. It is an excellent choice for expanding your network when using PoE-enabled devices such as VoIP, IP cameras, and wireless access points and fits easily into the widest range of environments. The durable metal case includes rubber feet and keyhole features for surface mounting options.

- Connect up to 4 IP cameras or other PoE-enabled devices (max output 58 watts)
- Simplify PoE device installation, (IP cameras, VoIP devices, wireless APs)

5 PORT GB MULTI-MOUNT SWITCH

SW-100-05PD

The SW-100-05PD is a 5 port PoE+ powered switch that is powered from a PoE+ switch or injector powered uplink and provides an additional four ports of Gb Ethernet connectivity. One of the Gb Ethernet ports allows the powering of a PoE 802.11af device (pass through port) such as a camera, control system interface, or AV over IP receiver. The durable metal enclosure includes detachable wing brackets for mounting and attachable magnet feet for easy mounting to metal surfaces.

- Connect up to four devices to the network without having to be plugged into a wall outlet
- Install into a wide range of environments

8 PORT GB POE+ SWITCH

SW-100-08P

The SW-100-08P is a compact Gigabit PoE Plus switch that provides eight PoE Plus capable ports of Gb Ethernet connectivity with a total power budget of 92 watts. It is an excellent choice for expanding your network when using PoE-enabled devices such as IP cameras, wireless access points, AV over IP devices, control panels and easily fits into the widest range of environments. The durable metal case includes rubber feet and keyhole features for surface mounting options.

- Connect up to 8 IP cameras or other PoE-enabled devices (max output 92 watts)
- Simplify PoE device installation, (IP cameras, VoIP devices, wireless APs)

FEATURES

- 4 port Gb PoE+ switch w/ uplink – 58W total power budget
- Durable metal case
- Fanless for silent operation
- Includes keyhole features for surface mounting options
- Three-year limited warranty

FEATURES

- 5 port PoE+ powered unmanaged Gb switch with PoE pass through
- 1 port PoE+ powered (PoE PD) Gb ethernet port (30 watts required)
- 1 port capable of powering a PoE/802.11af device (15 watts maximum)
- Durable metal case
- Multiple mounting options
- Three-year limited warranty

FEATURES

- 8 port Gb PoE+ switch w/ uplink – 92W total power budget
- Durable compact metal case
- Fanless for silent operation
- Includes keyhole features for surface mounting options
- Three-year limited warranty

Luxul ProWatch is Here!

Your clients' networks host more connected devices than ever before, and their expectations for them all to work seamlessly are higher than ever. With Luxul ProWatch, monitor and manage every device on the network to proactively respond to issues while avoiding truck rolls for simple system management tasks.

Remotely...

Monitor | Manage | Troubleshoot

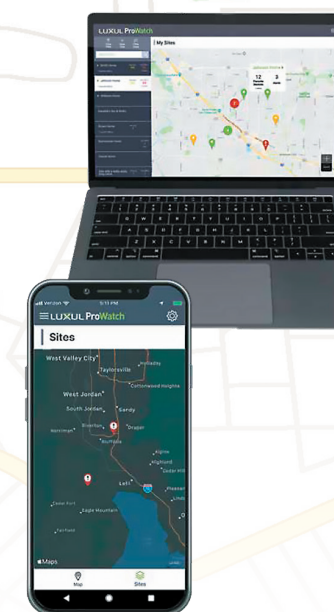


LUXUL ProWatch™

CLOUD MANAGEMENT SOLUTION

With the following features, enjoy peace of mind knowing your clients' systems will be accessible at any time from anywhere:

- Receive notifications when devices fall offline
- Perform firmware updates on select Luxul routers and access points
- Customizable alerts
- Site-level status indicators for offline devices and firmware updates
- Access sites in map or list views
- Configure devices remotely via web user interfaces
- Remotely power cycle PDUs and PoE switches.





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LEGRAND | AV COMMERCIAL BRANDS

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

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