Optigo saves space, cost, and energy in your smart building network
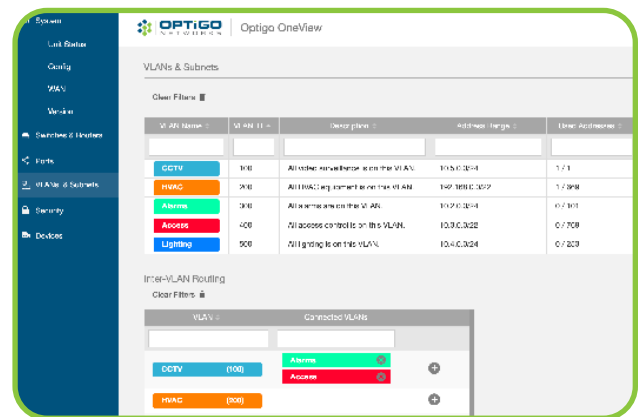
The Internet of Things is happening — now. All systems for a modern smart building are based on IP connectivity, and this means new networking requirements. Optigo Networks recognizes that traditional networking solutions are simply not appropriate for building networks.

Optigo Connect Spectra is an efficient and flexible network that fits any smart building and reduces cabling cost while increasing reach. With the supported router (available for order through Optigo) users can enjoy the power and ease of multi-layer network management in a centralized dashboard. Now, facility and building managers can minimize their dependence on IT, with a solution designed for OT.
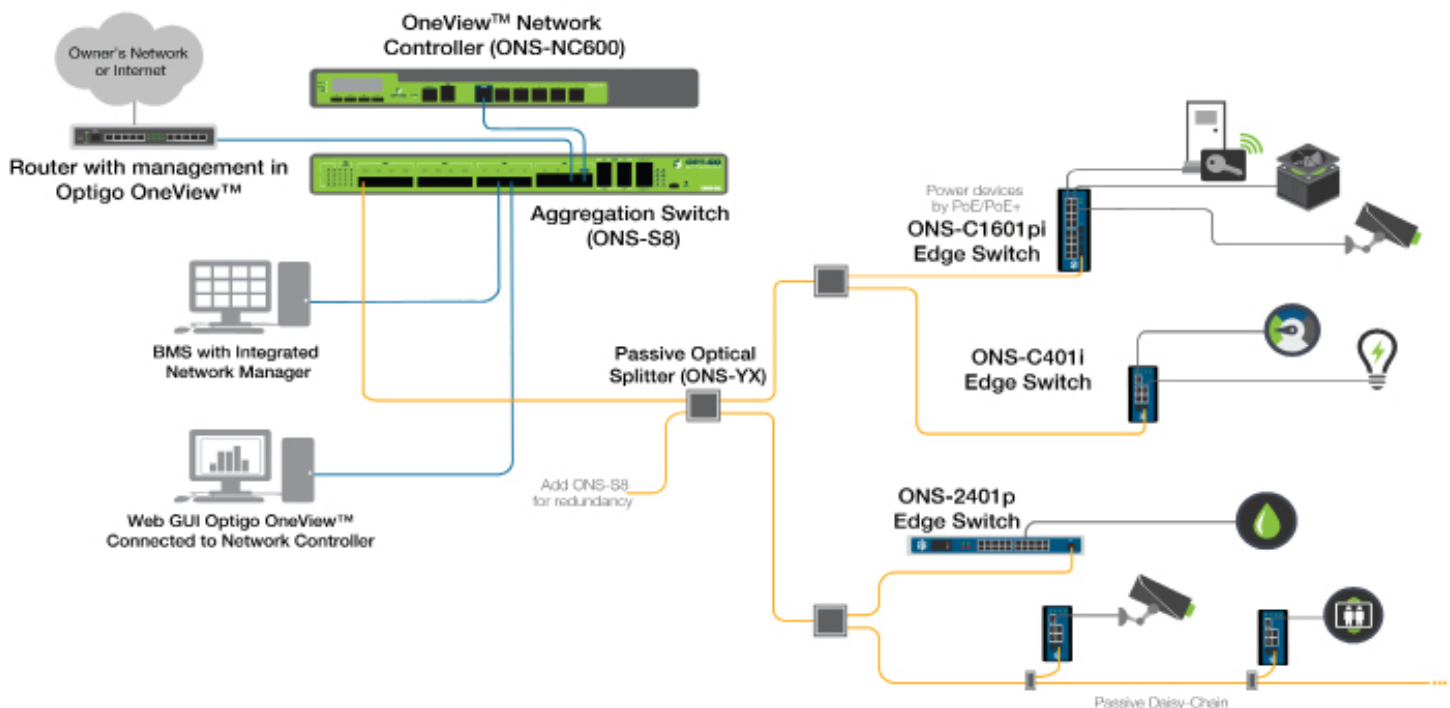
Product highlights

- **Single pane of glass network management** lets users configure all network ports and IP subnets from a single interface.
- **OneClick Secure**[TM] means users can secure the entire network with the click of a button.
- **Advanced Device-Loop Management** to manage and secure loops of IP devices.
- **Notifications** to monitor the status of the network for important events, such as switches going offline and user logins.
- **Centralized multi-layer networking** to assign IP addresses, manage DHCP and set routing rules, with minimal or no support from IT, with Optigo's router management solution.

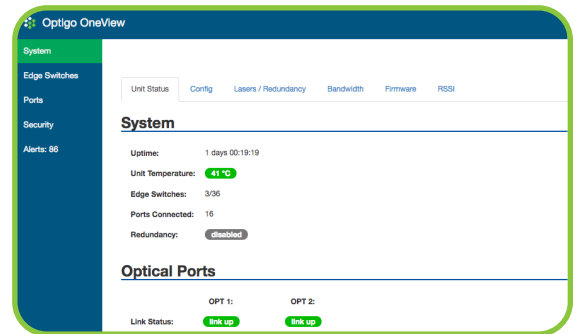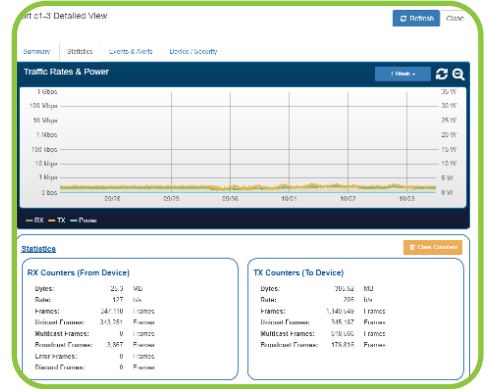## Smart building network platform solutions map

Advanced management with Optigo OneView™

OneView™ lets users manage the entire network through a single interface. View tens to thousands of ports and IP addresses in a simple dashboard, with responsive search filters and sorting functions. Enjoy simple and fast configuration, diagnostic reports, firmware upgrades, or even switch resets. Configure multiple IP subnets, DHCP and routing rules all through Optigo OneView.

OneClick Secure™ ensures complete port security with instant MAC lockdown and disabling of all unused ports to prevent cyberattacks.

Centrally manage Power over Ethernet (PoE+) use and distribution with real-time PoE+ budget (used/available) displayed on a per-switch basis. Additionally, monitor PoE+ power consumption on a per-port basis. Optigo OneView™ also provides full control of the PoE+ ports with options to enable, disable, or reset any port.

Keep track of the system's bandwidth with detailed port counters and real-time bandwidth/utilization calculations.

Components of a Connected Spectra solution

COMPONENTS OF A SMART BUILDING NETWORK PLATFORM: OPTIGO CONNECT HYBRID		
OPTIGO ONEVIEW™ NETWORK CONTROLLER	Centralized network management and monitoring for all Edge Switches.	
AGGREGATION SWITCH	Aggregates traffic and delivers optical backbone connecting up to 256 Edge Switches. Saves labour, cabling and power.	
OPTICAL SPLITTERS	Enables a flexible fiber-optic backbone that can be easily expanded. Immune to electrical interference, lightning and power surges.	
EDGE SWITCHES	Robust line-up of commercial and industrial Edge Switches, optimized for OT applications.	
ROUTER	Powerful features and functionality in an OT-friendly system to assign IP addresses, troubleshoot, and roll out software updates.	

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