



## Niagara Falls Lighting Control System

SEE HOW A CONSORTIUM OF OUR BRANDS COME TOGETHER TO LIGHT NIAGARA FALLS

In the video linked below, Robert Bell describes the collaboration between Pathway Connectivity, Pharos Controls, and SixEye to provide control to the lighting on The Niagara Falls. This app based control for a system that spawns between the United States and Canada, is an impressive and seamless integration of Dynamic Control.

With a proven record of innovation and quality, Pathway is the industry leader for DMX network solutions, designing, manufacturing, and supporting an innovative family of products that enable theatrical, commercial, and architectural lighting systems. Pathway products are easy to use and have a robust and comprehensive feature set.

Pharos, another innovator in the Dynamic Controls Space, used the Pathway backbone while providing the compact and cutting edge LPC4 that controls both the American and Canadian sides of The Falls. The Pharos integrates with Pathway Vignette wall stations as well as remote management with cloud based control through SixEye.

All of these controls are available through sixteen5hundred, ask your rep for more details for DMX, DALI, RGB, Tunable White and More.



CLICK VIDEO FOR NIAGARA FALLS CONTROLS



# CYBER SECURITY ~ PATHWAY

## EDU DIGEST



### SECURITY BACKGROUND INFORMATION

On January 1, 2020, California was the first state to enforce cybersecurity and IoT related legislation. Oregon, New York and Massachusetts are following suit. California's law is Title 1.81.26 "Security of Connected Devices" and mandates that we equip our products with security features that are appropriate to the nature and function of the device. By law, this encompasses all products that are assigned Internet Protocol addresses which can connect to the Internet directly or indirectly. Pathway Connectivity, a division of Acuity Brands, will only ship compliant devices regardless of the jurisdiction into which they are sold.

Pathway Connectivity Solutions® is part of Acuity Brands, a publicly-traded company and the largest lighting manufacturer in North America. Acuity takes these new laws and the potential threats very seriously and is committed to mitigating any harm to its customers. As a result, Pathway Connectivity products, are implemented with additional security features.



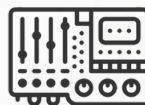
AUTHENTICATED FIRMWARE UPGRADES



PASSWORD PROTECTED NETWORK



DEVICE-TO-DEVICE AUTHENTICATION



GUEST CONTROLLER ON-RAMP

[>> Watch Pathway Security Videos](#)



## CYBER SECURITY ~ nLIGHT

DATA ENCRYPTION

PROTECTION FIRMWARE

TAMPER-PROOF HARDWARE

AUTHENTICATED USER ACCESS

MUTUAL DEVICE AUTHENTICATION



**California's Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018) is effective on January 1, 2020. This law is the first of its kind and is designed to provide discipline and minimum-security requirements to protect all connected devices and data from unauthorized access and other malicious actions.**

Acuity Brands is taking this new law very seriously and has engaged in a year-long review of all its connected devices, including nLight®, Atrius®, Fresco™, ROAM®, and Pathway Connectivity Solutions® products. This review consisted of validating existing security measures and implementing additional security features so that all Acuity Brands products/solutions offered for sale in California after January 1, 2020, at a minimum, will comply with Title 1.81.26.

- Wired and Wireless System shall be compliant with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018).
- Vendor must provide a clear and documented method to contact them regarding a vulnerability and should have a dedicated Product Security Incident Response function.
- Company shall build its security risk, governance and compliance infrastructure leveraging standards-derived policies, industry best practices and guidelines.
- Lighting control system shall disallow the use of default passwords and require passwords to be updated prior to use.
- System controller or gateway shall support user role-based access, such as administrator, user, and viewer.
- System controller or gateway shall use signed firmware to ensure that unmodified, authentic software is always installed.
- System controller or gateways communicating across an IP network shall protect in-transit data using strong encryption algorithms such as AES or TLS1.2+.
- All cloud-based communications shall use Transport Layer Security version 1.2 or later (TLS 1.2+).
- Wireless devices shall use AES encryption to secure communication, with unique encryption keys for each job site.
- Wireless devices shall use signed firmware to ensure that unmodified, authentic software is always installed.



**Cybersecurity Law and Networked Lighting Controls**



**nLight® AIR Security Architecture**





## HALEON BTP SERIES NEW FLASHLIGHT WAKEUP FEATURE



The SensorSwitch™ Haleon BTP sensor is easier to program than ever before with the new flashlight wakeup feature. The SensorSwitch Haleon BTP sensor is the fixture integrated occupancy sensor with a dimming photocell, making the high bays with this technology ideal for standalone industrial lighting control applications.

The Haleon sensor is programmed using the VLP Mobile App, where you can set occupancy time delay, dimming, trim values, daylight harvesting, photocontrol options and more from your warehouse floor - *eliminating the need to use a lift or ladder.*

Programming individual fixtures with the SensorSwitch VLP Mobile App is easier than ever with the new flashlight wakeup feature. This new feature allows you to update individual fixture settings quickly and easily after completing batch programming.

### Notable Features

- Program lighting controls from the ground with the SensorSwitch VLP
- Mobile App
- New wakeup feature takes the guesswork out of customizing programming for specific fixtures
- Advanced security settings
- Excellent Passive Infrared (PIR) detection range: Haleon sensors detect walking motion from mounting heights of up to 40 feet

**HALEON BTP PRODUCT PAGE**





## HomeGuard HGX with Motion Sensor



Introducing the new Lithonia Lighting® HomeGuard Motion Sensor LED security floodlight (HGX MO). HGX MO expands the popular HGX security floodlight family, featuring a wider and denser coverage pattern that extends the motion sensor's field of view and eliminates blind spots commonly found underneath motion sensors.

Available in the Contractor Select™ program, HGX MO is always in stock and its sleek design matches the popular aesthetic customers love about the HomeGuard family. It easily mounts on walls, soffits, or eaves and offers powerful illumination with 2,750 lumens. It's more than a number – it's peace of mind.

### Notable Features

- Full-range dual motion sensors – 200° sensors eliminate common blind spots
- User-friendly controls – easily access and adjust controls uniquely located on the sides of the motion head
- Easy, tool-less aiming – directing the light where you need it
- Integrated visors – visually pleasing illumination with minimal glare
- Durability – IP65 rated with long-lasting LED illumination
- Two colors – dark bronze and white
- Priced competitively – aggressive low initial cost
- Always in stock – select configurations are available in our Contractor Select™ program, with quick shipping

**A New Layer of Security in the HomeGuard LED Family**

