



SensorView 13 and XPoint™ Wireless



What functionality does SensorView provide for XPoint Wireless?

SensorView 13 provides configuration and monitoring capabilities for XPoint Wireless. Core functionality includes:

- **Device configuration via Tree or nFloorplan view.** Available settings and capabilities may be unique to XPoint Wireless or nLight devices, but the interface and workflow are the same for both systems.
- **Device monitoring.** SensorView provides live monitoring of XPoint Wireless device status, including relay and dimming state, measured power level, sensor status and occupancy timer.
- **Scheduling of Profiles and support for nGWY2 as the system timeclock.** XPoint Wireless now supports schedule-based behavior changes, such as modification of unoccupied light levels and time delays after hours. In addition, the nGWY2 is now used as the system timeclock to run both nLight and XPoint Wireless Profiles and Schedules.
- **Historical reporting and energy monitoring through GreenScreen.** SensorView can track device history, including energy use, and provide graphical and tabular reports using the GreenScreen plug-in.
- **Mobile app support through Virtual Wallpods.** SensorView can configure Virtual Wallpods for control of XPoint Wireless lighting groups, whether through the Windows PC or iPhone / iPad Virtual Wallpod applications.

Do nLight and XPoint Wireless work together?

The release of SensorView 13 coincides with system integration updates that allows XPoint Wireless to work on an nLight backbone. As a result, nLight and XPoint Wireless devices can be managed from the same nLight Gateway and configured from the same SensorView installation. The nLight system backbone (through one or more nGWY2 devices) provides both nLight and XPoint Wireless devices with schedule management and a software programming interface. The backbone also provides support for system-wide controls such as master override switches, automated demand response, and BACnet integration. For example, XPoint Wireless devices can track nLight global scene inputs, such as multi-button scene switches (e.g., nPODM 4S) or contact closure inputs (e.g., nIO 1S).

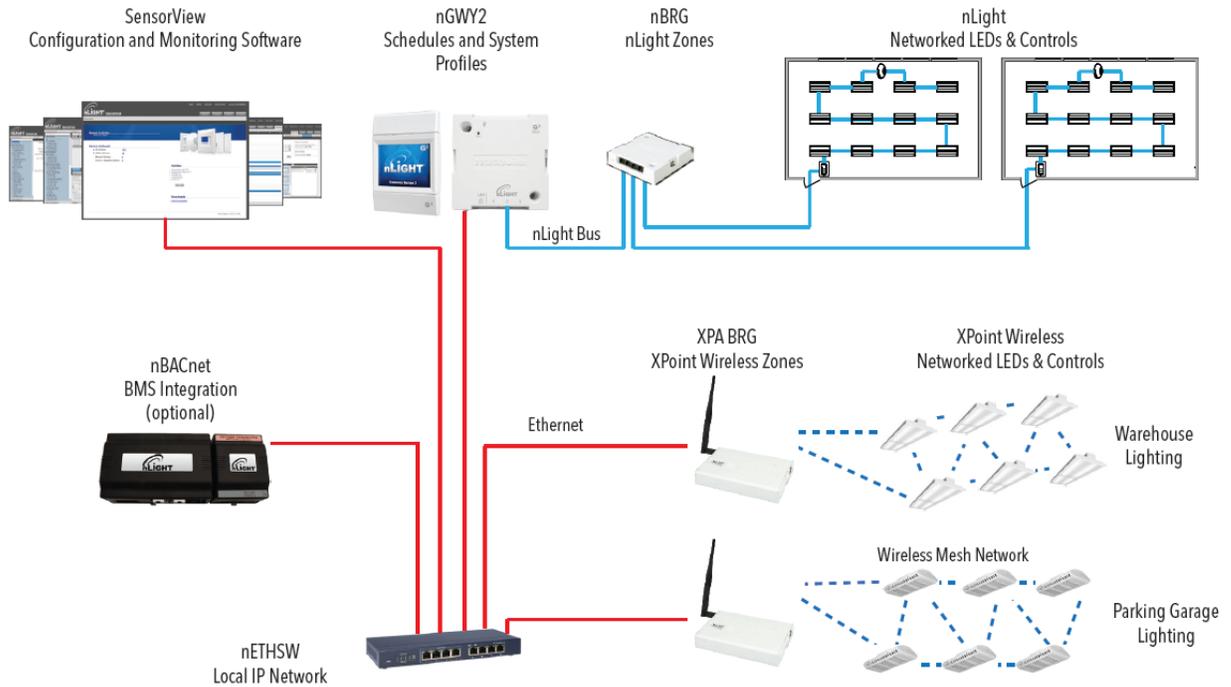


Figure 1 - XPoint Wireless and nLight sharing a system backbone and SensorView interface

For additional system integration details, consult updated product specification sheets (nLight Gateway, XPoint Wireless Bridge) and System Integration Release Notes.

When do I need an nLight Gateway? Can I operate XPoint Wireless without an nLight Gateway?

nLight Gateways are not always required, but XPoint Wireless Bridges are always required. nLight Gateways should be specified with XPoint Wireless when implementing system-wide control functions, such as Schedules and Profiles, global channels, and system integration through devices such as nADR and nBACnet Appliance. nLight Gateways should also be specified if using GreenScreen, Virtual WallPods, and other software options requiring continuous communication or status polling via SensorView. Configuration and basic operation of XPoint Wireless is possible without using nLight Gateways by using the SensorView Commissioning Tool to communicate directly with XPoint Wireless Bridges via LAN network. XPoint Wireless Bridge devices are always required on a project because the devices perform critical RF network management, maintenance and support functions.

What is an XPoint Wireless Bridge? How is it different from the XPoint Wireless Gateway?

The XPoint Wireless Bridge (XPA BRG) provides communication between XPoint Wireless devices and an nLight Gateway and/or SensorView. The device can communicate with an nLight Gateway via LAN Ethernet connection or directly with SensorView using the SensorView Commissioning Tool. This device has changed names (formerly XPoint Wireless Gateway) to reflect its new functionality of connecting XPoint Wireless devices and zones into an nLight backbone and displaying them in a SensorView tree, similarly to the function of an nLight (wired) Bridge. The XPA BRG has new software and an updated RF card from the previous XPA GW. Additional product details are available on the XPoint Wireless nLight Bridge specification sheet.

How does BMS Integration Work?

Integration with BMS systems is provided via the nBACnet Appliance which communicates to other systems using BACnet/IP. nBACnet Appliance supports read and activation of Gateway Profiles, and also reading of various XPoint Wireless device status fields. nLight Gateway is required with XPoint Wireless when using nBACnet appliance.

Does this system integration with nLight change my basis of design and existing specifications for XPoint Wireless? Can we still support existing specifications?

We recommend updating your basis of design and specifications to use an nLight backbone unless there are specific reasons to keep an LC&D/GR2400 backbone on a project design. The nLight backbone offers significantly greater control and configuration capabilities of XPoint Wireless (indicated in the FAQ above regarding new functionality) than if using an LC&D/GR2400 backbone with XPA Uplink. The XPA Uplink will still be available and supported for existing projects and existing specifications for a limited time. Using XPoint Wireless devices with a combination of nLight and LC&D backbone equipment in the same installation with is not recommended.

Where can I find detailed specification documentation?

Detailed specification documentation, including riser diagrams, specification sheets, and System Integration Release Notes are available at AcuityControls.com. For general [system information](#), select *Indoor Systems > XPoint Wireless > Resources*. For individual [specification sheets](#), including those for SensorView, select *Indoor Systems > XPoint Wireless > Components*.

Do I still need to use GX2 with XPoint Wireless?

No, GX2 is no longer needed. SensorView 13 provides a comprehensive configuration, management, and monitoring interface for both nLight and XPoint Wireless. SensorView also offers a Green Screen energy reporting module that replaces the need for GX2 Analytics. If desired, GX2 may still be purchased and used in combination with SensorView to provide these specific features:

- Support for LC&D, BlueBox, XPoint (wired), and xCella devices in the same interface as XPoint Wireless.
- Native DWG/AutoCAD floorplan support; GX2 allows user importing and customization of floorplans from DWG/AutoCAD files.
- Alarms and email notifications; GX2 can generate alarms and email notifications.
- GX2 Analytics module is no longer available.



Can I install SensorView on a GX2 Gateway? Will I have the option of using both SensorView and GX2?

Yes, both GX2 and SensorView can be installed on the same Windows PC that meets minimum system requirements, but a custom configuration will be required. Both applications are web based, and by default will have a conflict with the web server configuration. This can be resolved by reconfiguring IIS (which hosts SensorView) to use different ports for each application. [Instructions](#) for doing this are available at AcuityControls.com under Indoor Systems > XPoint Wireless > SensorView 13.

Is there a cost associated with SensorView?

SensorView does not have an associated license fee and is available for use under the terms and conditions defined in the SensorView license agreement. Certain enhanced or customized features, such as nFLOORPLAN, may have associated service fees included in a project quotation.

How do I get SensorView 13?

SensorView 13 will be available for download at AcuityControls.com from either the [XPoint Wireless](#) or [nLight](#) system pages. SensorView 13 is available for end-users, sales agencies, and authorized factory representatives. System requirements are indicated in the [SensorView User Manual](#). Associated XPoint Wireless devices may require firmware updates to be compatible with SensorView 13.

How does nFloorplan work?

nFloorplan is a factory provided service. CAD files of the installation must be provided to the factory so that an Application Engineer can create a customized nFloorplan file locating the device IDs to the floorplan. The customer has the option to create an nFloorplan zone-only view, where control zones (bridge ports) are associated with areas on the floorplan, or a full nFloorplan device + zone view that also indicates individual device locations on the floorplan. More information is available on the nFloorplan specification sheet.

Does SensorView 13 work with existing XPoint Wireless installations?

The first release of SensorView 13 is focused on compatibility with projects and new products shipping following the release date. Existing XPoint Wireless installations may possibly be firmware-upgradeable to be compatible with SensorView 13. A list of XPoint Wireless hardware models and minimum device firmware supported by the first release of SensorView 13 is indicated in the System Integration Release Notes. If the hardware at an existing site is listed as supported in SensorView, it will require firmware upgrades to be performed by a factory authorized service representative before it can be detected and managed by SensorView. Additionally, the purchase and installation of additional backbone hardware consisting of one or more nGWY2 devices, plus any associated LAN and IP network updates, may be required to have a fully functional installation. Please contact a factory representative to review the possibility of upgrading an existing XPoint Wireless installation.



Can existing nLight installations be upgraded to include XPoint Wireless?

Existing nLight installations are compatible with SensorView 13. The end-user or factory representative will be able to download and install an update for SensorView onto the host computer. Once SensorView 13 is running, XPoint Wireless Bridges and XPoint Wireless devices may be added to the installation in accordance with system specifications.

What kind of additional documentation and training, regarding these SensorView and XPoint Wireless updates, are available?

[Available documentation](#) includes updated specification sheets for all system backbone devices and SensorView software, updated CAD riser diagram, System Integration Release Notes, and FAQs. We plan to announce additional documentation and training resources closer to the shipping release date for SensorView 13.