

NX Site Manager

Frequently Asked Questions

What is being announced?

A new version of the NX Lighting Controls Area Controller V2 featuring NX Site Manager – a new, modern, web-based Graphical User Interface (GUI) application for the NX Lighting Control System providing multiple modes of operation, improved facility, user and device management, facility-wide view of schedules, exportable system and device reports, and a BACnet/IP interface for connecting to third-party Building Management Systems. NX Site Manager also provides optional add-on features including zone status/control via floor plans and an energy dashboard.

NX Site Manager introduces a new NX network concept - the Site Manager Adapter. Site Manager Adapters facilitate the expansion of the NX Network by supporting up to 1000 additional NX devices per adapter. Each Site Manager Adapter may be placed at different locations at a site (e.g., on each floor of a building) and each adapter communicates securely to the NX Site Manager over an IP network. NX Site Manager includes an embedded Site Manager Adapter and can be configured to use its local adapter or a remote adapter.

Features & Benefits

What are NX Site Manager's key features?

Graphical User Interface

- Modern, easy-to-use web browser user interface provides real-time programming & management of the NX Lighting Control System
- Commissioning & Facility Manager modes of operation
- Supports multiple operations being performed simultaneously

User Management

- Create user roles (e.g., System Admin, Facility Manager, General User)
- Specify role permissions and assign areas of responsibility
- Add users, assign roles & permissions, activate & lock user accounts, delete user account

Facility Schedules

- View/modify all zone schedules across a facility
- Easy to use calendar format that supports multiple viewing modes including by day or week
- Select and modify schedules by selecting a zone or by selecting the schedule from the calendar

BACnet IP Interface

- Embedded field configurable BACnet IP client
- Enables integration of NX Lighting Controls System with Building Management Systems (BMS)

Zone Status/Control via Floor Plans (Optional Module)

- Import floor plan images in multiple file formats
- Create/modify/delete zones on floor plans
- View zones status (e.g., on/off state, occupied/unoccupied state) using color coding and easy to differentiate status borders for those users with achromatopsia ("color blindness")

Energy Dashboard (Optional Module)

- Easy to read graphical view of lighting energy usage and costs for a building, area or zone
- Daily, weekly, monthly, yearly or custom date range views of energy data
- Interactive graphs enable users to hover over data points to view actual data values
- Export energy data to standard file formats

Specifications

How do you access the NX Site Manager's GUI?

The NX Site Manager's GUI is accessible via conventional PC/Tablet web browser through the Site Manager's built-in web server.

What can users do with NX Site Manager?

Users can program, monitor, and administer the NX Lighting Controls System from any location without additional software.

When setting up a project for a client, can NX Site Manager configure client information?

Yes. Users can configure general client information including client name, address, phone, and email. A custom image can also be loaded and displayed in the GUI.

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Can NX Site Manager be used to manage multiple buildings?

Yes. The NX Site Manager's GUI enables users to create one or more buildings and configure building information include building name, address, latitude/longitude, phone, electricity cost per kilowatt, custom image, hours of operation and open/close times.

What support for system administrators does NX Site Manager have for user management?

System administrators can create user roles (e.g., system admin, facility manager, general user), specify role permissions, and assign areas of responsibility. Role permissions shall be configurable for application management, client management, device management and building operation and shall include the ability to edit, view-only, or none.

Does NX Site Manager support Active Directory or LDAP for user management.

Not at this time, but support for other directories is planned.

What type of user management tasks does NX Site Manager provide system administrators?

System administrations can add users, assign roles & permissions, activate & lock user accounts, and delete user accounts.

What exactly is the NX Site Manager Adapter?

The NX Site Manager Adapter is a hardware controller that runs on a similar platform to the NX Area Controller V2. The hardware specifications for the Site Manager Adapter include an Intel® i3 processor, 8GB Ram, and 128GB SSD. The Site Manager Adapter includes software that can expand an NX Network by supporting up to 1000 additional NX devices per adapter.

How is the NX Site Manager Adapter configured?

Users configure NX Site Manager Adapters using the NX Site Manager GUI. Each NX Site Manager Adapter will be assigned to a specific Site Manager building and will communicate with the Site Manager Server over an IP (Ethernet) network.

What additional NX system settings can users configure using the NX Site Manager GUI?

Users can configure system settings including network IP information, general data management, software updates, log files, scheduled jobs, diagnostics and automated demand response levels.

Does NX Site Manager include and embedded BACnet IP client?

Yes. The NX Site Manager's embedded BACnet IP client is field configurable enabling integration of the NX Lighting Controls System and a building automation system.

When discovering NX devices, the current NX Area Controller V2 software discovers all devices all the time. Does NX Site Manager do the same thing?

The NX Site Manager enables users to discover network devices, devices by MAC address or all devices for each NX Site Manager Adapter.

Does NX Site Manager support all the standard features of a NX Lighting Control System?

Yes. Through the NX Site Manager's GUI, users can still create up to 128 Areas and 128 Zones per Area, create up to 16 Groups per Zone. Users can still configure a device's general information and device settings, assign/select devices for each group and test the group by turning the group on/off and adjusting the dimmer and CCT levels.

Can NX Site Manager generate and export reports?

Yes. NX Site Manager enables users to generate and export (.xlsx) reports.

What type of reports can NX Site Manager generate?

NX Site Manager can generate and export the following reports:

- Zone Summary
- CCT Summary
- Dimmer Summary
- In-Fixture Module Summary
- Occupancy Sensor Summary
- Photocell Sensor Summary
- Relay Summary
- Switch Station Summary
- Power Input
- Firmware Versions

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Does NX Site Manager support Demand Response ?

Yes. Users can define up to 10 Demand Response levels per NX Zone. Users are able to select a Demand Response level and configure all actuator device types to the same demand response setting or specify individual actuator demand response settings.

Does NX Site Manager provide a way for users to see schedules across zones?

Yes. Users can view/modify zone schedules. All zone schedules shall be displayed in an easy to use calendar that supports multiple viewing modes including by day or week. Users can select and modify a schedule by selecting the zone in the navigational tree or by selecting the schedule from the calendar.

Does NX Site Manager support adding floor plans to the user interface?

Yes. NX Site Manager features an optional floor plan module which enables user to add a floor plan image to an area. Users can select a zone and draw the selected zone's boundaries on the floor plan image.

What can users do with the zones identified on the floor plans?

Users can view the status of Zones on a floor plan image. Status information shall be color coded and include on/off states and occupied/unoccupied states. Zones with no occupancy sensors shall be identified as having "No Occupancy Sensors". NX Site Manager GUI shall enable users with achromatopsia ("color blindness") to identify zone status with easy to differentiate status borders around each zone.

Can users control a zone using the floor plan support?

Yes. NX Site Manager users can control a zone by selecting a Zone from the navigational tree or from the floor plan image. Once selected, the Zone Controller window shall appear enabling the user to turn the Zone on/off, change light and/or color tuning levels for all groups within the Zone or specific groups. The Zone Controller window shall also enable users to see the occupancy status of the Zone and the schedules associated with the Zone.

Can NX Site Manager be used to display energy usage?

Yes. The NX Site Manager features and optional energy dashboard module that enables users to view a site's energy usage and cost in an easy to read dashboard. Users can see energy usage for selected areas and zones. Users can select a daily, weekly, monthly, yearly or custom date range view of the energy data. Users can also hover over the graphs to view actual data values and view data over a specific date range. Users can then export energy data to a .XLSX or .CSV (Comma Separated Variable) file.

Availability / How to Order

When will the NX Area Controller V2 with Site Manager and the NX Area Controller V2 with Site Manager Adapter be available for orders?

Customers can begin to place orders for the NX Area Controller V2 with Site Manager (p/n NXAC2-120-SM) and the NX Area Controller V2 with Site Manager Adapter (p/n NXAC2-120-SMA) immediately.

Does the NX Area Controller V2 with Site Manager replace the current NX Area Controller V2?

The NX Area Controller V2 hardware is the same for both the current NX Area Controller V2 product and the NX Area Controller V2 with Site Manager product. The difference between the two is the software running on the hardware. After the NX Area Controller V2 software V5.7 is released, there will be no new features added to that software.

Will you be sunsetting the NX Area Controller V2 after the V5.7 software release?

Yes. The current NX Area Controller V2 will be sunsetted 90 days after the NX Area Controller V2 with Site Manager is available. Current will retain enough inventory of the NX Area Controller V2 for existing orders, new orders, and for RMA replacements.

Will the NX Area Controller V2 with Site Manager be automatically substituted for orders currently in the system for the current NX Area Controller V2?

No. There is currently enough inventory to cover orders for the current NX Area Controller V2.

Will the NX Area Controller V2 with Site Manager be loaded into DesignSuite™ and OASIS?

Yes. The NX Area Controller V2 with Site Manager will be loaded into DesignSuite and OASIS.

Is the NX Area Controller V2 with Site Manager a Made To Stock (MTS) or Made To Order (MTO) product?

The NX Area Controller V2 with Site Manager (and the Site Manager Adapter) products are Made To Stock products and will be stocked at the Harrisburg and Mira Loma Distribution Centers.

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When will product be in the at the Distribution Centers.

The NX Area Controller V2 with Site Manager (and the Site Manager Adapter) will be in the Distribution Centers 4 weeks after launch.

What sales tools are available?

The following NX Area Controller V2 with Site Manager information will be available:

<https://www.currentlighting.com/nx-lighting-controls>

- Specification Sheet
- Installation Instructions
- Product Presentation
- Digital Images
- Web Product Pages
- Videos

Where can I go for more information about the new NX Area Controller V2 with Site Manager?

If you have additional questions, please reach out to your local Sales Representative.