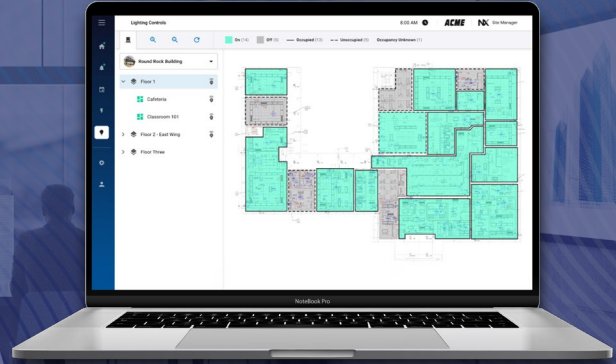


# NX Site Manager

Modern User Interface.  
NX Network Expansion.



NX Site Manager is a 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, alarms & notifications, and a BACnet/IP interface for connecting to third-party Building Management Systems. NX Site Manager also provides optional add-on applications/features including floor plans with zone status/control, an energy dashboard, and space utilization.

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.

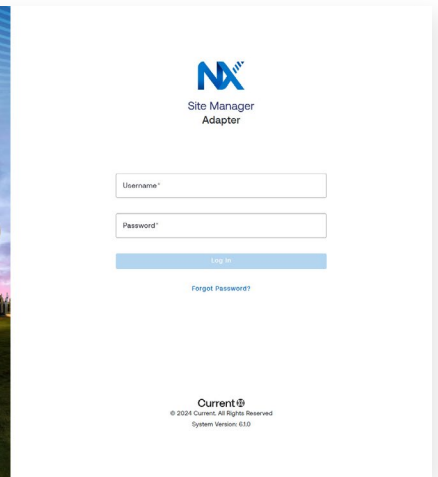
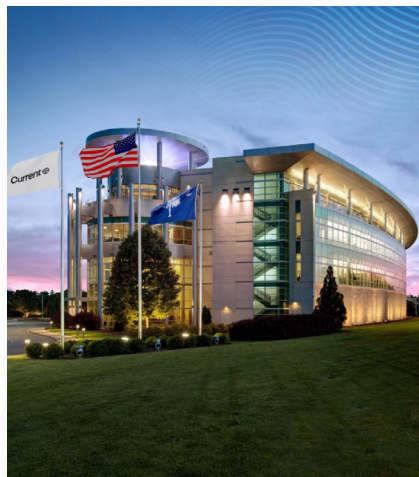
## New Site Manager 6.1 Features:

- Zone Schedule Profiles/Cloning – Create zone schedule profiles and clone to multiple zones
- Space Utilization Application (Optional) – Graphically view how spaces are being occupied within a facility over a timeline
- Alarms / Notifications – Get notified of system alarms via e-mail notifications
- Active Directory Support – Create Site Manager users from Active Directory
- PDF File Support - Import .pdf file floor plans
- Quick Discovery Mode – Reduces device discovery time by retrieving basic device data only
- Emergency Override Configuration – Program emergency mode device settings
- Customizable Reports – Create custom reports with selectable and filterable report headings
- Secure REST APIs for 3rd Party Integration
- Language Support (French)

## Standard Features:

### Graphical User Interface

- Modern, easy-to-use web browser user interface provides real-time programming & management of the NX Lighting Control System
- Includes system commissioning tools and Facility Manager applications



Features continued next page

# NX Site Manager

## Standard Features (cont.)

### 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
- Create zone schedule profiles and clone to multiple zones (NEW!)

### Alarms / Notifications (NEW!)

- Supported system alarm types: Communication failure with devices and Site Manager Adapters, low Site Manager hardware memory and storage space
- View history of alarms and system events based on a date range
- Configurable alarm email notification preferences

### BACnet/IP Interface

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

## Optional Add-On Application Modules:

### Lighting Controls Floor Plan Application

- Import floor plans in multiple file formats: .jpg, .png, .svg, and .pdf (NEW!)
- Easily create/modify/delete zone on floor plans
- View status of zones (e.g., lights on/off, occupied/unoccupied) using color coding and easy to differentiate status borders
- Control zone lighting with the Zone Controller virtual switch and dimmers

### Energy Dashboard Application

- 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

### 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 accounts
- Active Directory users now supported (NEW!)

### System Reports

- Generate a wide variety of summary reports for Zones, Relays, Dimmers, CCTs, In-Fixture Modules, Occupancy Sensors, Photocell Sensors, Switch Stations, Power Input, Device Firmware and Device Details
- Export and import reports in .csv file format
- Create custom reports with selectable and filterable report headings (NEW!)

### Space Utilization Application (NEW!)

- Provides insights into how spaces are being utilized within a facility
- Graphically view space utilization data on floor plans or charts
- Playback mode displays recorded data over multiple timelines

# NX Site Manager

## View Facility Schedules in Multiple Calendar Views

The screenshot shows the 'Schedules' page in the NX Site Manager. The main view is a calendar for the 'South Lot' of the 'Round Rock Building'. The calendar is set to 'Calendar View' and shows the dates 11 Mon, 12 Tue, 13 Wed, and 14 Thu. A yellow bar labeled 'sunrise off' spans from 8:00 AM to 2:00 PM on each of these days. The left sidebar contains a navigation tree with categories like Design Center, Floor 1, Floor 2, Institute, Parking Lots, and Warehouse. The top right corner features the ACME logo and a user profile icon.

## Create Zone Schedule Profiles & Clone to Multiple Zones (NEW!)

The screenshot displays the 'Setup / Profiles/Clone' configuration screen. It offers two main options: 'Indoor' and 'Outdoor'. Under 'Indoor', there are dropdowns for 'At Close Time', 'At Midnight', 'At Open Time', 'At Sunrise', and 'At Sunset'. Under 'Outdoor', there are options for 'After Sunrise' and 'Before Sunset', along with fields for 'Start Time', 'Offset', 'Occurrence', and 'Color'. Below these, there are fields to 'Apply Profile To:' including 'Choose a Building', 'Choose an NXAdapter', 'Choose an Area', and 'Choose a Zone'. A modal window titled 'Add Schedule Profile' is open on the right, showing a 'Profile Name' of 'Office Sweeps', a 'Schedule Name' of 'Sweep On 6pm', a 'Schedule Type' of 'Custom Time', and a 'Choose Custom Time' of '6:00 PM'. It also includes an 'Occurrence' section with checkboxes for days of the week and a 'Assign Color' section with a color picker set to 6500 K.

# NX Site Manager

## View Status of Zones on Floor Plans

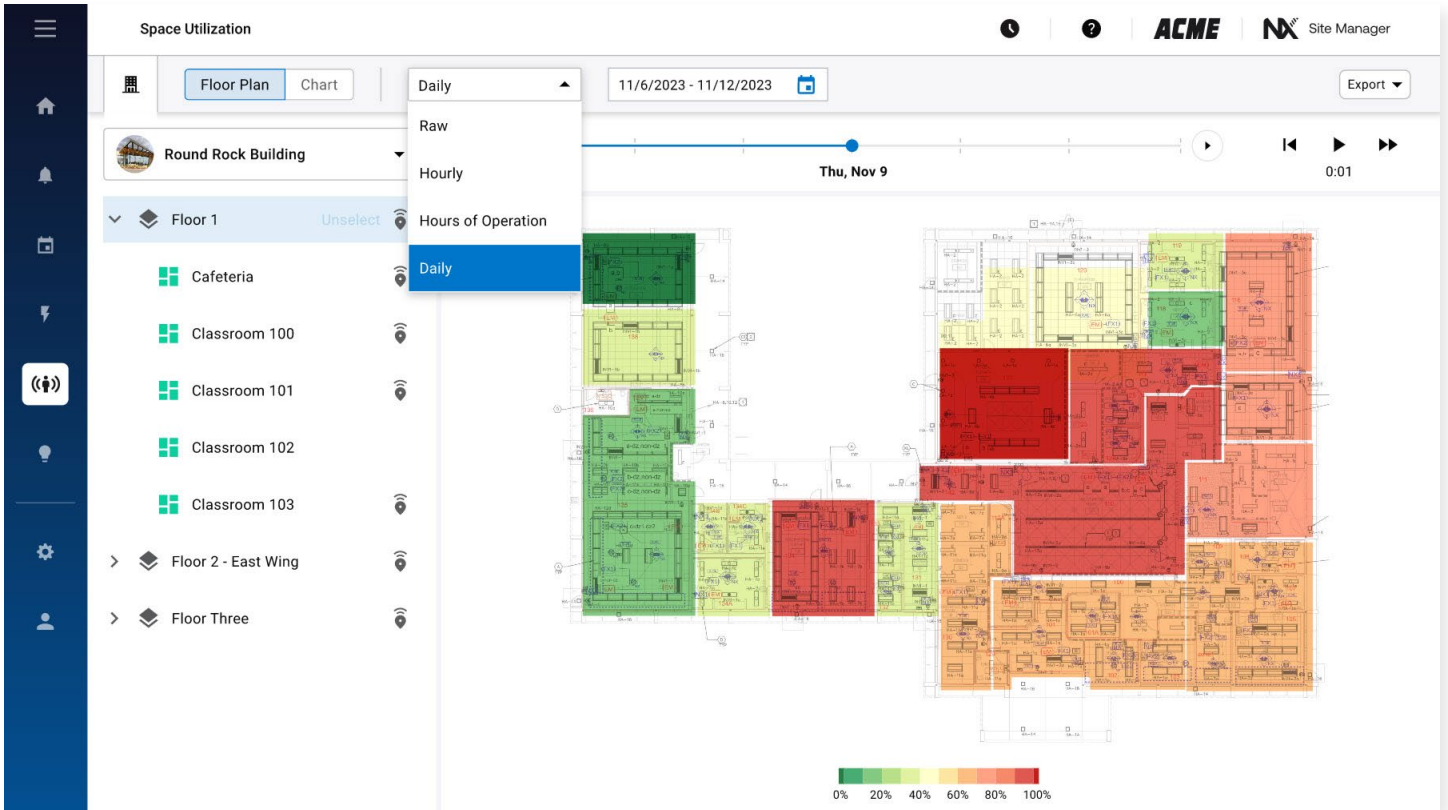
The screenshot displays the NX Site Manager interface for the Round Rock Building. The top navigation bar includes the ACME and NX Site Manager logos. Below the navigation bar, a status bar shows: On (14), Off (5), Occupied (13), Unoccupied (5), and Occupancy Unknown (1). The left sidebar lists the building and its floors: Round Rock Building, Floor 1, Cafeteria, Classroom 101, Floor 2 - East Wing, and Floor Three. The main area shows a floor plan with various zones highlighted in green (On) and grey (Off). The Cafeteria and Classroom 101 zones are highlighted in green, while other zones are in grey.

## Zone Control from Floor Plans

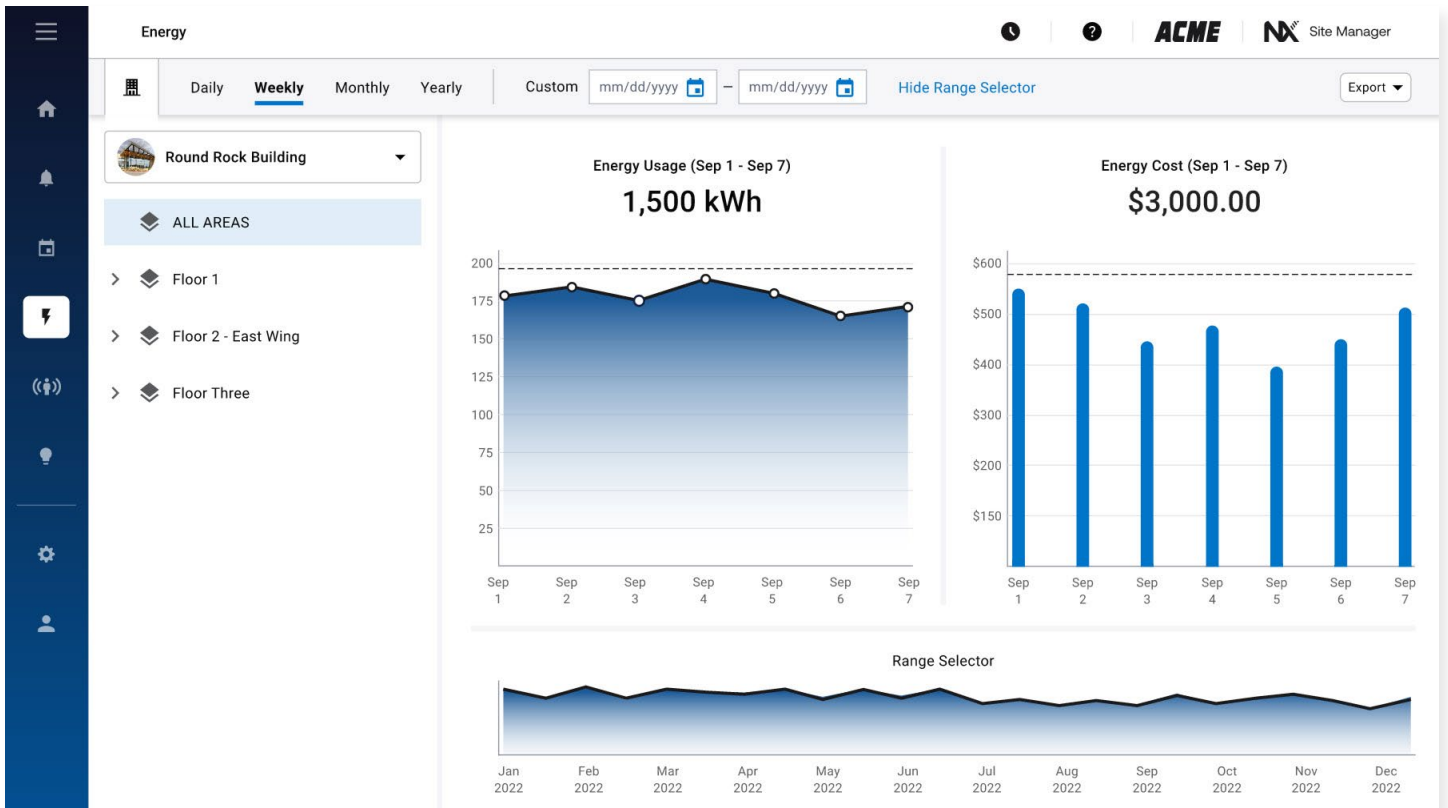
This screenshot shows the NX Site Manager interface with the Zone Controller overlay open for the Cafeteria. The interface is similar to the previous screenshot, but the Cafeteria zone is highlighted in green. The Zone Controller overlay includes a power button icon, a status indicator (ON), a percentage slider, and a color gradient slider. Below the sliders, there are checkboxes for applying the control to different groups: Group 1: Front (checked), Group 2: Middle (checked), and Group 3: Back (unchecked). The overlay also has a 'Select All' link and 'Cancel' and 'Save' buttons at the bottom.

# NX Site Manager

## Playback Space Utilization Over Multiple Timelines (NEW!)



## View Lighting Energy Usage in Energy Dashboard



# NX Site Manager

## Receive Alarms & Notifications via Email (NEW!)

The screenshot shows the 'Alarms' section of the NX Site Manager interface. A modal window titled 'Notification Preferences' is open, allowing users to choose which alarm types they want to be notified via email. The modal includes a list of alarm types with checkboxes and an email address field.

**Active Alarms Table:**

Severity	Alarm Name	Device	Building	Area/Zone
Crit	Communication failure with device	Room Controller 01044680-4C00	Round Rock Building	--
Crit	Communication failure with device	Bridge 0103DCE4-1900	Default Building	Floor 1 Cafeteria
Crit	Communication failure with device	Bridge 0103DD98-1900	Round Rock Building	Floor 1 Classroom 101
Low	Low on memory	CPU	--	--

**Notification Preferences Modal:**

Choose if you want to be notified by email for each alarm type.

- Communication failure with device
- Communication failure with adapter
- Low on memory

Email address on file: Veronica.Martinez@company.com

Buttons: Cancel, Save

## Large Selection of System Reports

The screenshot shows the 'Reports' section of the NX Site Manager interface. A 'Zone Summary' report is displayed, showing a table of zones and their associated areas. A dropdown menu is open, showing a list of device types available for reporting.

**Zone Summary Table:**

Zone	Area
Cafeteria	Floor 1
Classroom 1	Floor 2
Classroom 2	Floor 2

**Device Summary:**

- CCT
- Container
- Dimmer
- Occupancy Sensor
- Photocell Sensor
- Relay
- Switch Station

**Report Details Table:**

Presets	Schedules	Light Level	Occupied
Preset 1 Preset 2	Lights On Breakfast Lights Off Breakfast Lights On Lunch	20 fc	✓
Preset 1	Lights On Lights Off	20.5 fc	✓
Preset 1	Lights On Lights Off	0 fc	✗

Buttons: Refresh, Export

Page: 1-3 of 3

# NX Site Manager

## System Configuration Made Easy

## View Physical and Logical Connections of Devices

# NX Site Manager

## Intuitive Device Configuration

The screenshot shows the 'Setup / Configurator' interface for a device named '0106B762-D403' (Dimmer CCT). The left sidebar lists discovered devices, including various bridge and dimmer units. The main panel is divided into 'General' and 'Settings' tabs. Under 'Settings', there are sections for 'Sensor Mode' (Occupancy/Vacancy), 'Groups' (16 checkboxes), 'Preset Ranges/Trims' (Custom), and various control settings like 'Status', 'Range', 'Trim', 'Power up Setting', 'Occupied Setting', 'Grace Period', 'Grace Period Setting', and 'Unoccupied Setting'. Each setting includes a slider and a 'Use last known state' checkbox. The interface includes a top navigation bar with 'ACME' and 'NX Site Manager' logos, and a bottom bar with 'Cancel' and 'Save' buttons.

## Enhanced User Management with Roles and Permissions

The screenshot shows the 'Setup / User Management' interface. A table lists users with columns for Username, Role, Building(s), and Active Dir. One user, 'mpratt', is listed with the role 'Contractor' and 'Default Building'. An 'Add a User' modal is open, showing 'Login Setup' and 'Roles & Permissions' steps. The 'Choose a Role' section has a dropdown menu set to 'Admin'. The 'Permissions' section is expanded to show 'OPERATIONS' with sub-items: Dashboard (View), Alerts (View), Schedules (Edit), Energy (View), and Light Controls (Edit). Below this are sections for 'APP MANAGEMENT' and 'DEVICE MANAGEMENT'. The modal has 'Cancel', 'Back', and 'Save' buttons at the bottom.

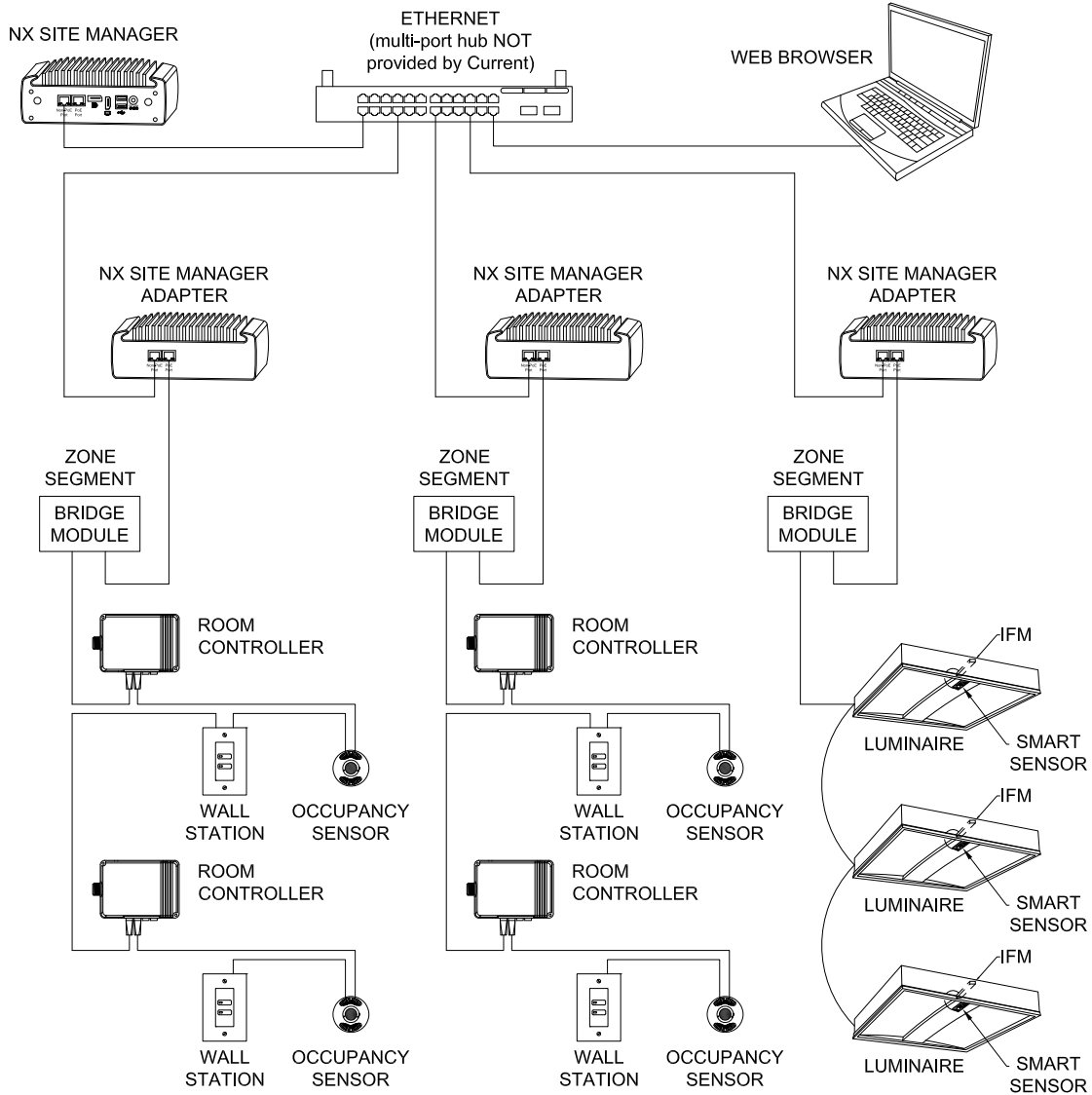


# NX Site Manager

## BACnet/IP Interface for Building Management Systems

The screenshot shows the 'BACnet' configuration page in the NX Site Manager. The breadcrumb trail is 'Setup / BACnet'. The page has a dark blue sidebar on the left with icons for home, notifications, calendar, lightning bolt, bidirectional arrows, lightbulb, settings (highlighted), and user profile. The main content area has a top bar with 'General' and 'Virtual Device ID' tabs. The 'General' tab is active. At the top right of the main area, there are icons for back, help, and logos for 'ACME' and 'NX Site Manager'. The 'BACnet' section has an 'Enabled' toggle switch that is turned on. Below this is a 'Download' button for a PDF of the Protocol Implementation Conformance Statement (PICS). The 'Device Information' section contains four input fields: 'BACnet Router Device ID' (0), 'BACnet Router Name' (NXAC-UNV-Area Contr...), 'BACnet Virtual Network Number' (0), and 'BACnet Port' (47808). The 'Foreign Device Configuration' section has an unchecked checkbox for 'Enable Foreign Device Registration'. At the bottom right, there are 'Cancel' and 'Save' buttons.

# NX Network Architecture



To learn more about the NX Site Manager, contact you sales rep  
or go to [currentlighting.com/nx-lighting-controls](http://currentlighting.com/nx-lighting-controls)