Energi Savr Node QS™

A versatile, energy saving lighting control solution that is easy to install and easy to expand

Photography © Nic Lehoux

LUTRON®

save energy with Lutron™

WHAT IS ENERGI SAVR NODE QS™?

Energi Savr Node QS is a simple, programmable solution for controlling light and saving energy in any commercial space. Use Energi Savr Node QS to connect DALI (digitally addressable lighting interface), 0-10 V or switching ballasts to wired or wireless occupancy sensors, daylight sensors, and controls for total light control.

Photography © Nic Lehoux

Photography © Nic Lehoux

WHAT ARE THE BENEFITS?

EASY TO INSTALL AND MAINTAIN

- Easy and intuitive system programming application designed for the Apple iPhone or iPod touch mobile digital devices [1]
- For simple applications, preconfigured modes reduce installation time and eliminate system programming
- Automatic ballast replacement eliminates the need for system reprogramming when replacing ballasts (feature available only on DALI version)
- Wireless sensors and controls can be easily retrofit with no need for rewiring

EXPANDABLE

- Control a single space, up to an entire floor with one module and add additional Energi Savr Node QS modules to control multiple floors
- Modules can link with Quantum® for total light management throughout an entire building

VERSATILE

- DALI ballast control offers flexibility for reconfiguring frequently changing spaces (feature available only on DALI version)
- Great for retrofit solutions or new construction–install each module locally–no need to connect to a central panel

ENERGY-SAVING AND ENVIRONMENTALLY FRIENDLY

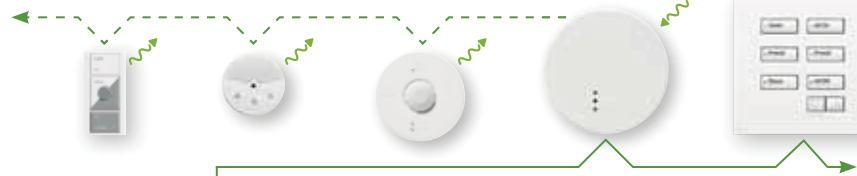- Reduce lighting energy use with dimming, occupancy sensing, and daylight harvesting

KEY FEATURES

NEW! QS sensor module works with wireless occupancy sensors, daylight sensors and Pico controls

1 QS link

connects to wallstations, other QS devices, and Quantum® to easily expand from a single space to an entire building

6 Sensor connection

links to occupancy and daylight sensors for automatic energy savings

2 Programming port

links to Apple iPhone or iPod touch mobile digital devices for system programming [1] (via wi-fi router by others)

5 DIN rail mountable

back of Energi Savr Node QS easily snaps to DIN rail

Energi Savr Node QS DALI

4 Front panel simplifies installation, troubleshooting, and diagnostics:

- LEDs provide a simple way to confirm each connection
- Test button quickly confirms that fixtures are wired correctly and that ballasts communicate properly
- Easily assign wallstations to zones or loops at the touch of a button

3 Ballast connection

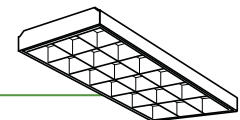to DALI, 0-10 V or switching ballasts [2] (DALI model shown)

[1] Apple and iPod are registered trademarks and iPhone is a trademark of Apple, Inc., registered in the U.S. and other countries.
[2] See back cover to determine which Energi Savr Node QS model best fits your application.

**A** **NEW Radio Powr Savr™ Wireless Occupancy sensors**

save energy and increase convenience by automatically turning lights on and off based on space occupancy

B **NEW Radio Powr Savr™ Wireless Daylight sensors**

save energy by automatically adjusting the light levels based on the amount of daylight entering a space

C **Complementary solution Sivoia™ QS window blinds**

control blinds with precision and elegance to reduce sun glare and solar heat gain for increased productivity, comfort, and energy savings
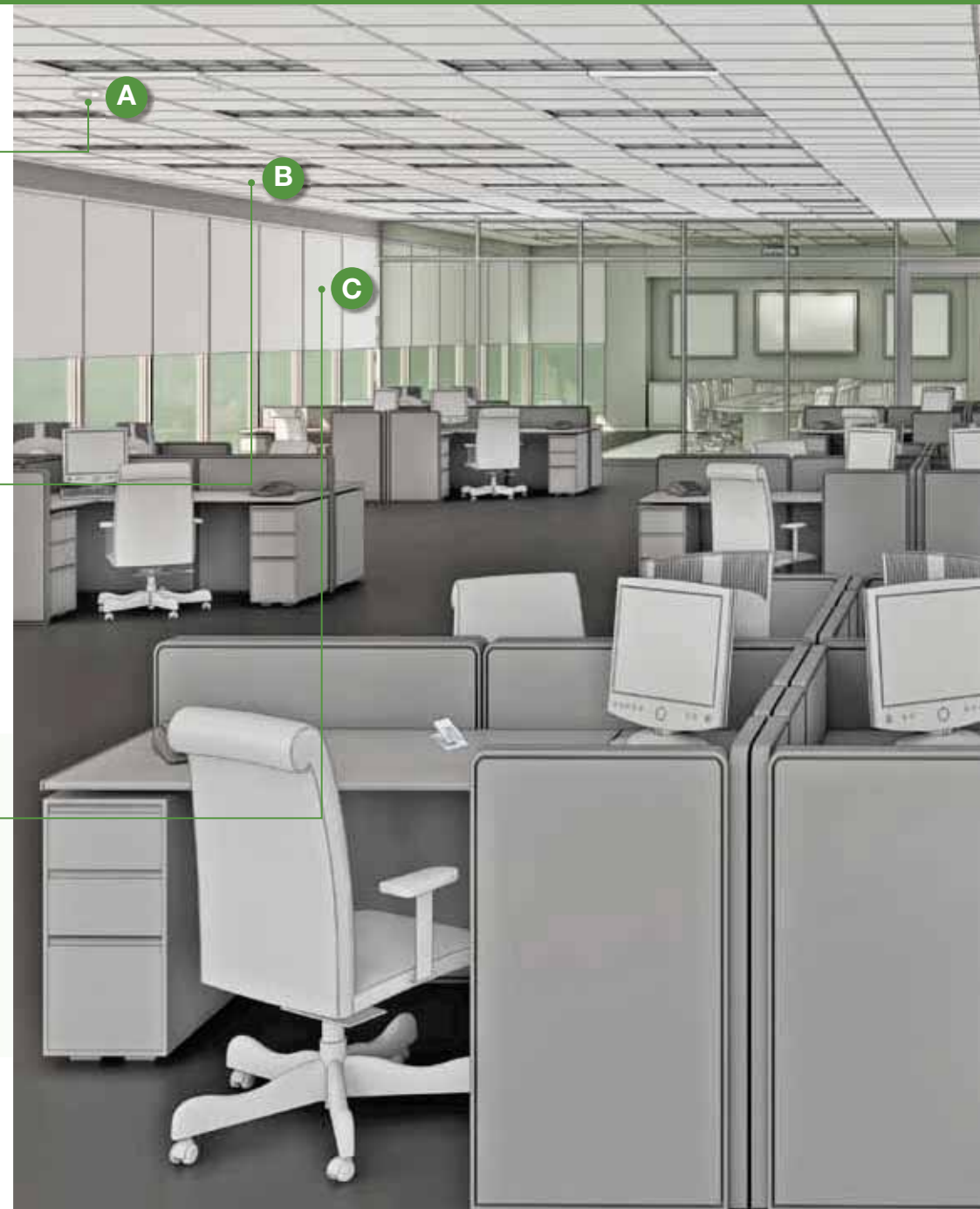
D **Energi Savr Node QS™***

control light by connecting
occupancy sensors, daylight
sensors and wallstations to
DALI, 0-10V or switching ballasts

*See page 11 to determine which Energi Savr
Node QS model best fits your application.

E **seeTouch® QS wallstation**

adjust lights and blinds to achieve
the optimal light level for any task

F **Pico™ Wireless Controller**

adjust light level from anywhere in
your space for enhanced productivity,
comfort, and convenience (available
as free standing, wall mounted or on
a table stand)

IN THE PALM OF YOUR HAND

The Energi Savr Node QS programming application for Apple iPhone or iPod touch mobile digital devices is the key to an intelligent light and blinds control system. [1]
- Adjust ballasts to the needs of any space
- Define light level
- Adjust sensor and control preferences
- Create groups
- Adjust multiple settings on every ballast

Use the Energi Savr Node QS programming application to setup, fine-tune, and maintain Energi Savr Node QS.

NEW! SYSTEM BACKUP

The iPod application can be used to save all configuration settings in the system. In the event that a Energi Savr Node QS module is replaced, all system settings and configuration can be automatically restored.

System setup
- Easy, menu-driven commissioning process
- Commission the lights from anywhere in the space

Define areas by setting up occupancy sensors, daylight sensors, and wallstations.

Fine-tuning

• Easily make changes to the system after the space is occupied

Change how the lights behave when the space is occupied and unoccupied and adjust the amount of time it takes for the lights to turn off after the last person exits the area.
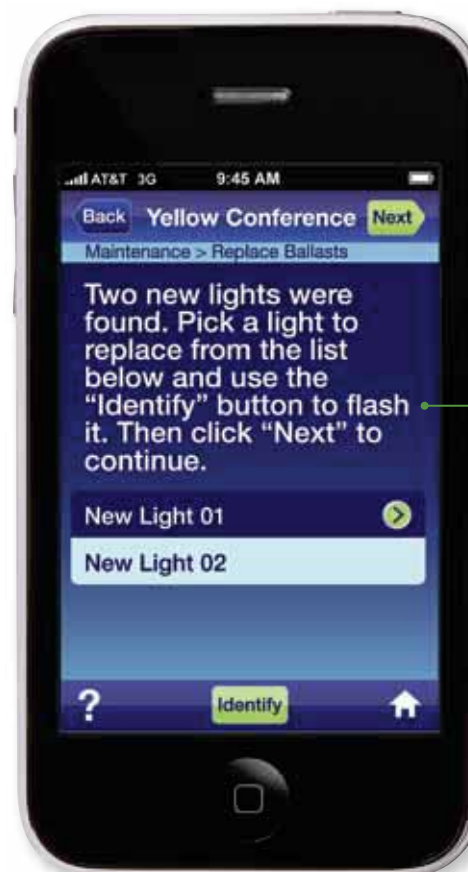
Maintenance

• Seamlessly replace digital ballasts without reprogramming the entire system
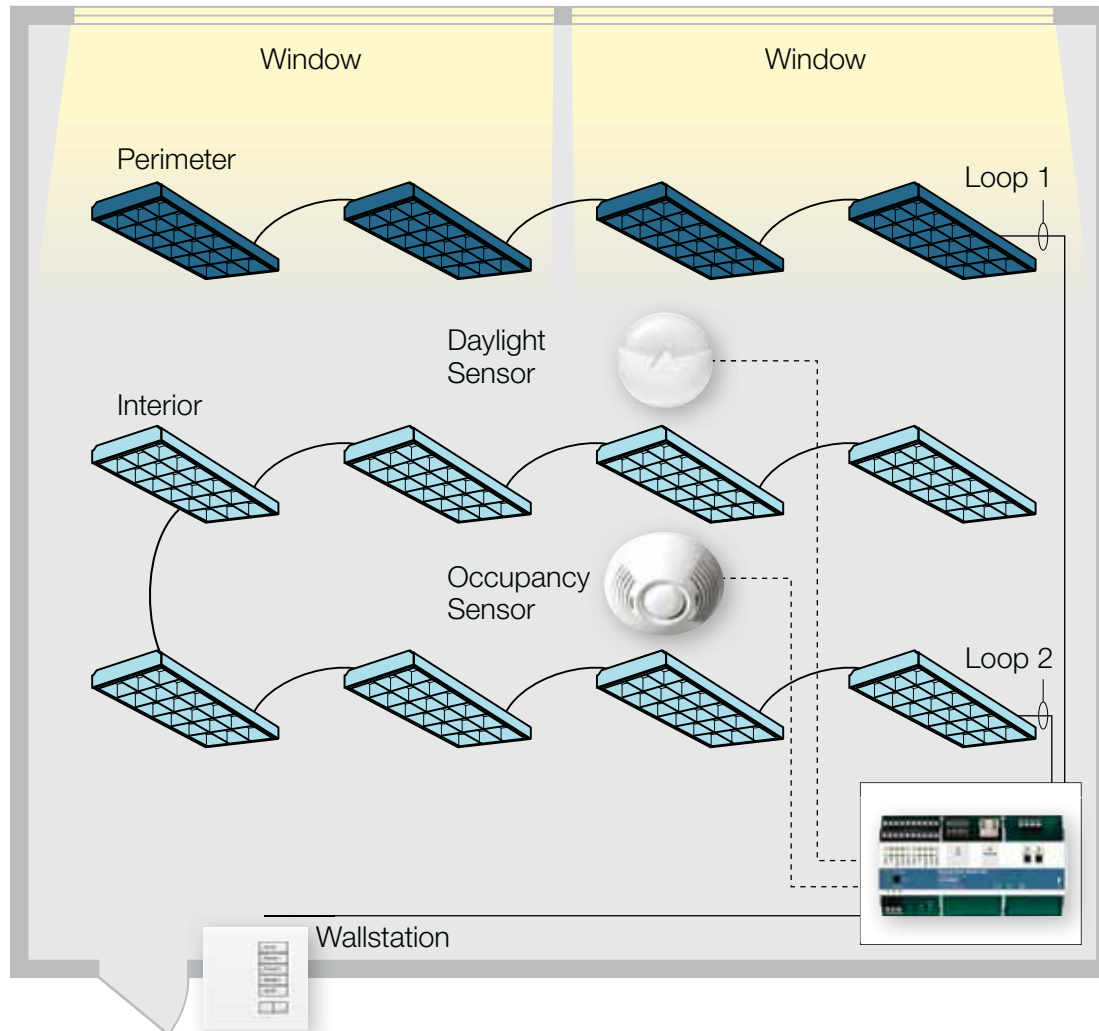
Programming application automatically finds new ballasts in the system and prompts the user through a few simple steps to complete ballast replacement.

---

1 Apple and iPod are registered trademarks and iPhone is a trademark of Apple, Inc., registered in the U.S. and other countries.

DAYLIGHT SENSING

Pre-configured mode 1

Pre-configured mode 1 implements a typical daylighting scenario. Fixtures automatically adjust their light level based on the amount of available daylight. To maintain a consistent light level, fixtures closest to the windows dim more than interior fixtures located further from the windows.
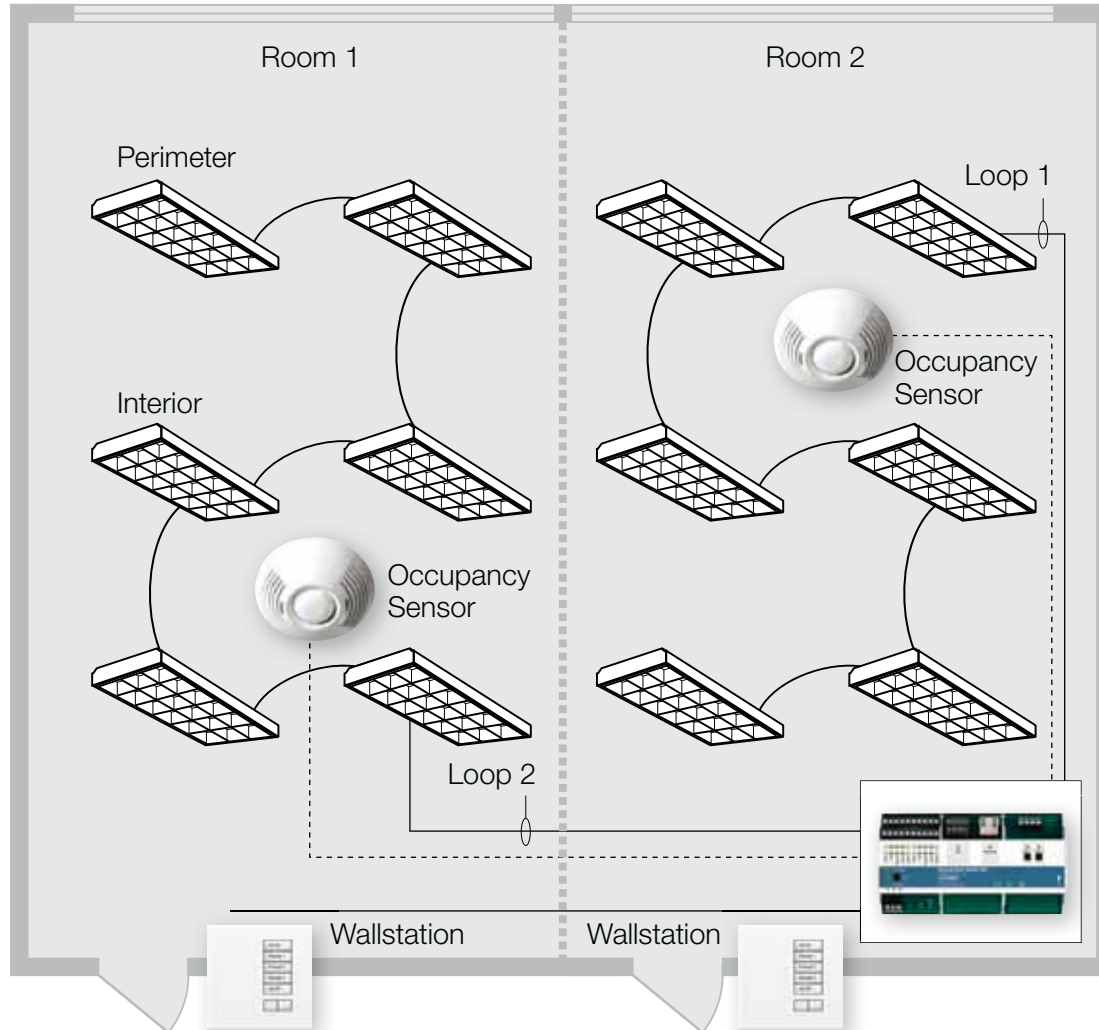
Light levels* ▮ 50%   ▯ 80%

* example only – system calculates light level percentages for each fixture based on the amount of sunlight available
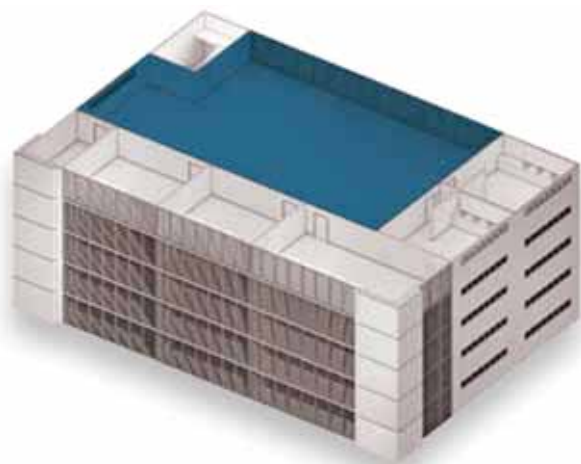
# 2-ZONE OCCUPANCY SENSING

Pre-configured mode 2

Pre-configured mode 2 shows two independently controlled areas. Each room is controlled by an occupancy sensor, turning lights on and off based on room occupancy. Simply connect sensors, wallstations, and fixtures to Energi Savr Node QS so space functions as shown without commissioning.
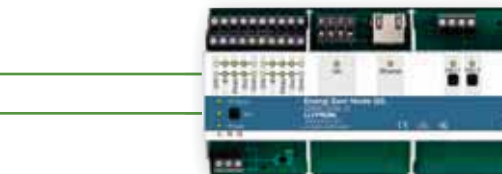
1 Start with a single area system
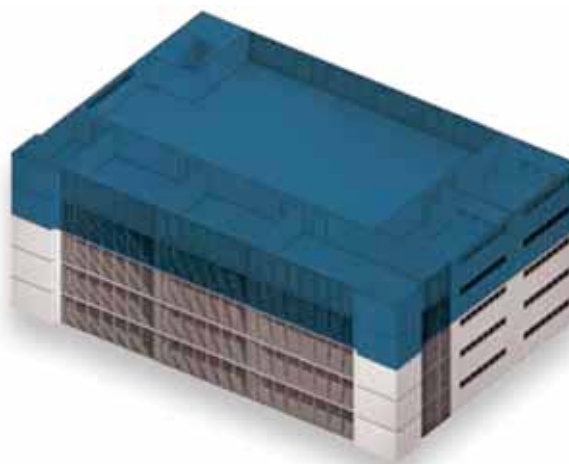
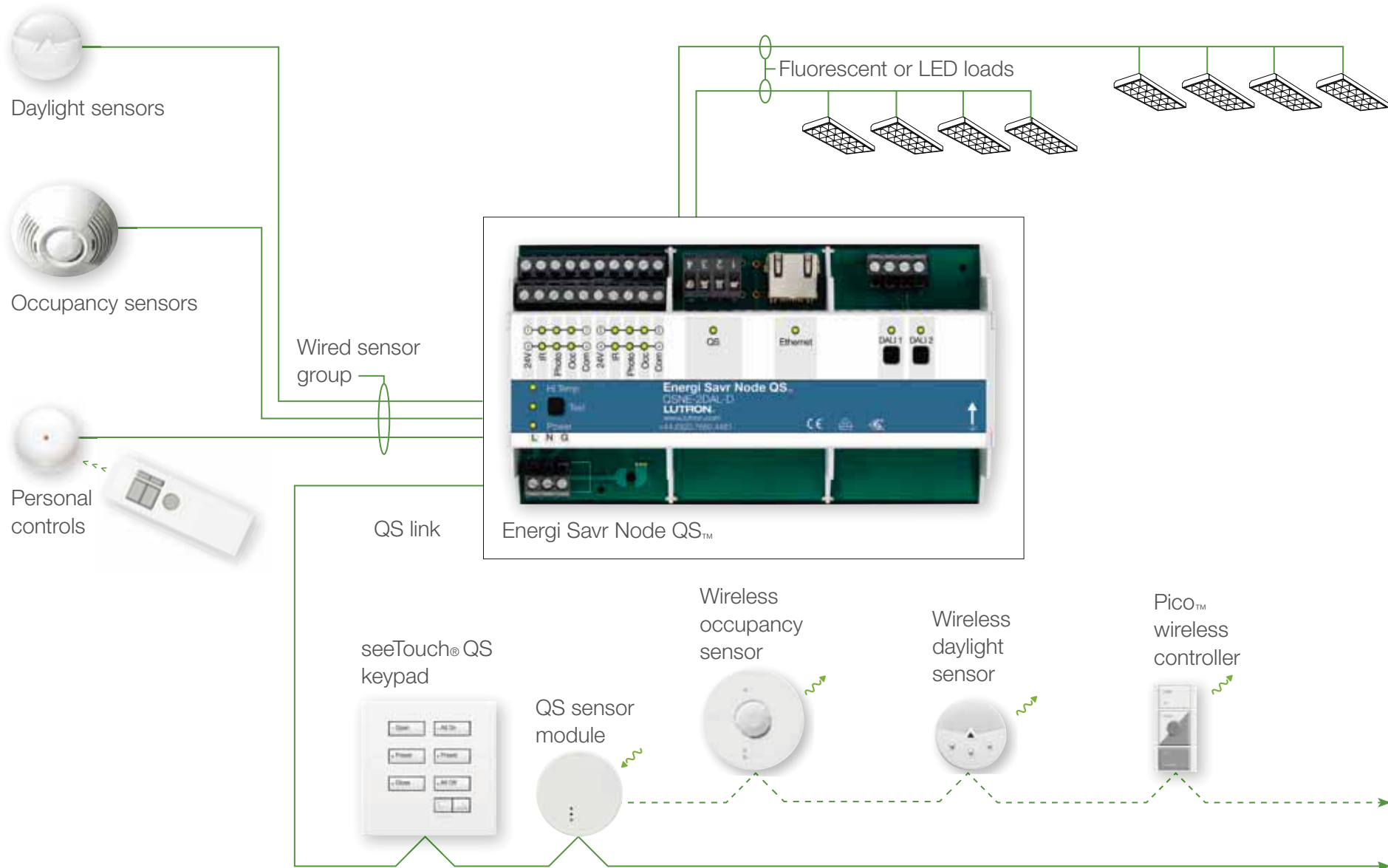**2** Link several Energi Savr Node QS modules to allow integrated control of several areas or floors

3 Add Quantum® for whole-building light management

Quantum is a centralised control system that allows facility managers to utilise electric light and daylight for maximum energy efficiency, comfort, and productivity. Easily configure, monitor, analyse, and report on the light throughout an entire building from one location.

Daylight sensors

Occupancy sensors

Wired sensor group

Personal controls

Fluorescent or LED loads

Energi Savr Node QS
QSNE-2DAL-D
LUTRON.

QS link

Energi Savr Node QS™

seeTouch® QS keypad

QS sensor module

Wireless occupancy sensor

Wireless daylight sensor

Pico™ wireless controller

save
energy
with
Lutron™