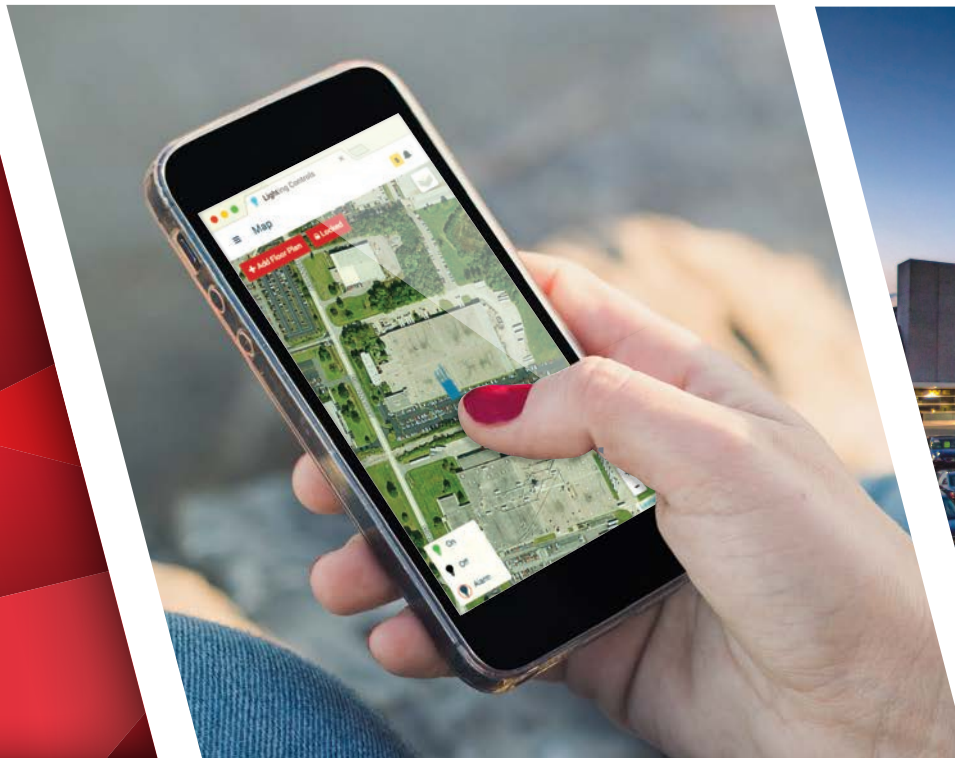# AirLink™

enabled by Synapse®

Wireless Outdoor Lighting Control System
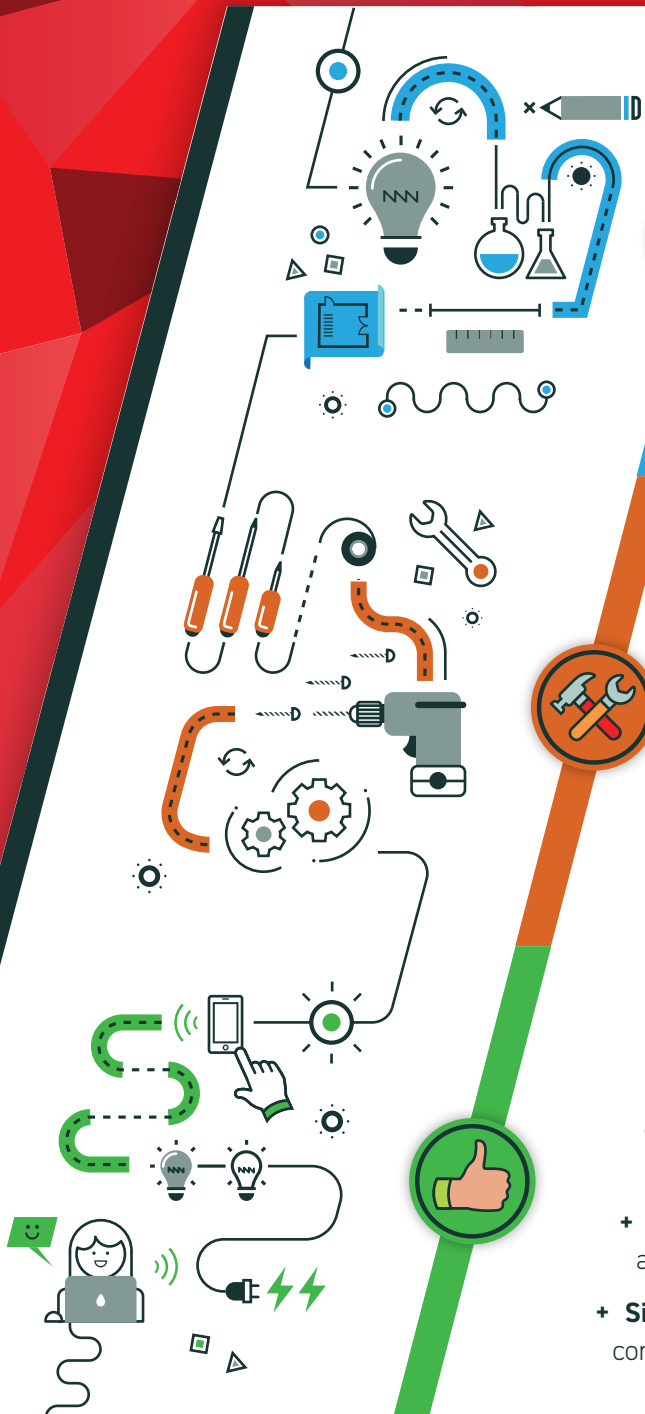
LSI the image company

AirLink™

enabled by Synapse®

simple to specify | simple to install | simple to use

Simple to specify

The flexibility you need to design your site

+ Design your system with a full range of product offerings
specify a simple solution or a fully integrated lighting management system

+ Combine individual fixture control & area control
AirLink wireless solutions allows for limitless flexibility & customization

+ Easily match controls to the fixture package
on/off switching, 0–10V or any combination

Simple to install

Wireless simplifies installation & reduces callbacks

+ Less wiring makes installation faster
drastically reduce labor & risk for every project

+ Painless commissioning & setup
Commissioning can be done on-site or remotely

+ Eliminate callbacks
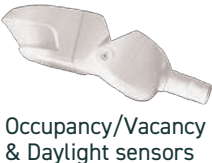AirLink's reliability helps stay within budget & reduces time spent on the job

Simple to use

Maximize performance, reduce headaches

+ Manage your system from any device with an internet connection
easily monitor & adjust lighting controls to maximize energy savings

+ Scalability
add new controls or upgrade software without replacing the existing system

+ Simple integration
connect AirLink with other building systems via BACnet protocol

The AirLink System

Wireless controls & sensors

Wireless & Override Switches

Occupancy/Vacancy & Daylight sensors

AirLink-integrated Fixtures

AirLink-compatible Fixtures

Circuit & Zone Controllers

Centralized control & integration

Site Manager Controller

Gateway Module

WiFi, Cellular or Ethernet Connection

ASHRAE BACnet

Simple-to-use software

AirLink Site Manager: Lighting control web app

Simple to Specify

AirLink-integrated fixtures*

These LED fixtures are factory-installed with AirLink controllers and/or control receptacles. This assures complete lighting control while significantly reducing installation time in the field. More control, less time, less effort.

Mirada Area Light Family
integrated or twist lock controller

Constitution Area Light
twist lock controller

Slice Area Light Family
integrated or twist lock controller

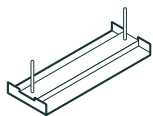**Tellus Area Light**
twist lock controller

Alliance High Bay
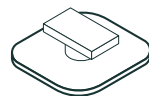integrated controller

Hilton Area Light
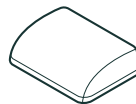twist lock controller

AirLink-compatible fixtures

AirLink is compatible with most fixtures. LSI offers system-compatible LED fixtures in a variety of designs & styles. Achieve the same wireless lighting control flexibility while catering to your site's aesthetic.

Highbay fixtures

Canopy lighting

Wallpacks

Bollards & landscape lighting

Soffits & downlights

Solutions for Every Space & Budget

The AirLink product family lets you personalize control for a variety of applications, such as: auto dealerships, parking lots /garages, shopping complexes & warehouses.
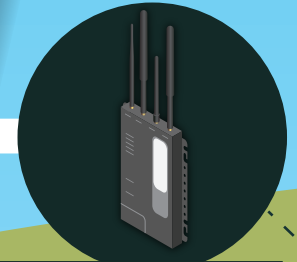
A **Motion Detection**

Occupancy sensors alter the operation of fixtures & other equipment in response to movement. Keeping light levels dimmed at night is great for energy conservation. If motion is detected, the lights will return to their original brightness which also provides a sense of security on site.

B **Scheduling**

AirLink's scheduling capabilities automatically affect the operation of lights, zones or other equipment based on time of day or specified event. The AirLink Zone Controller & Circuit Controller allow for the dimming or switching of these fixtures.
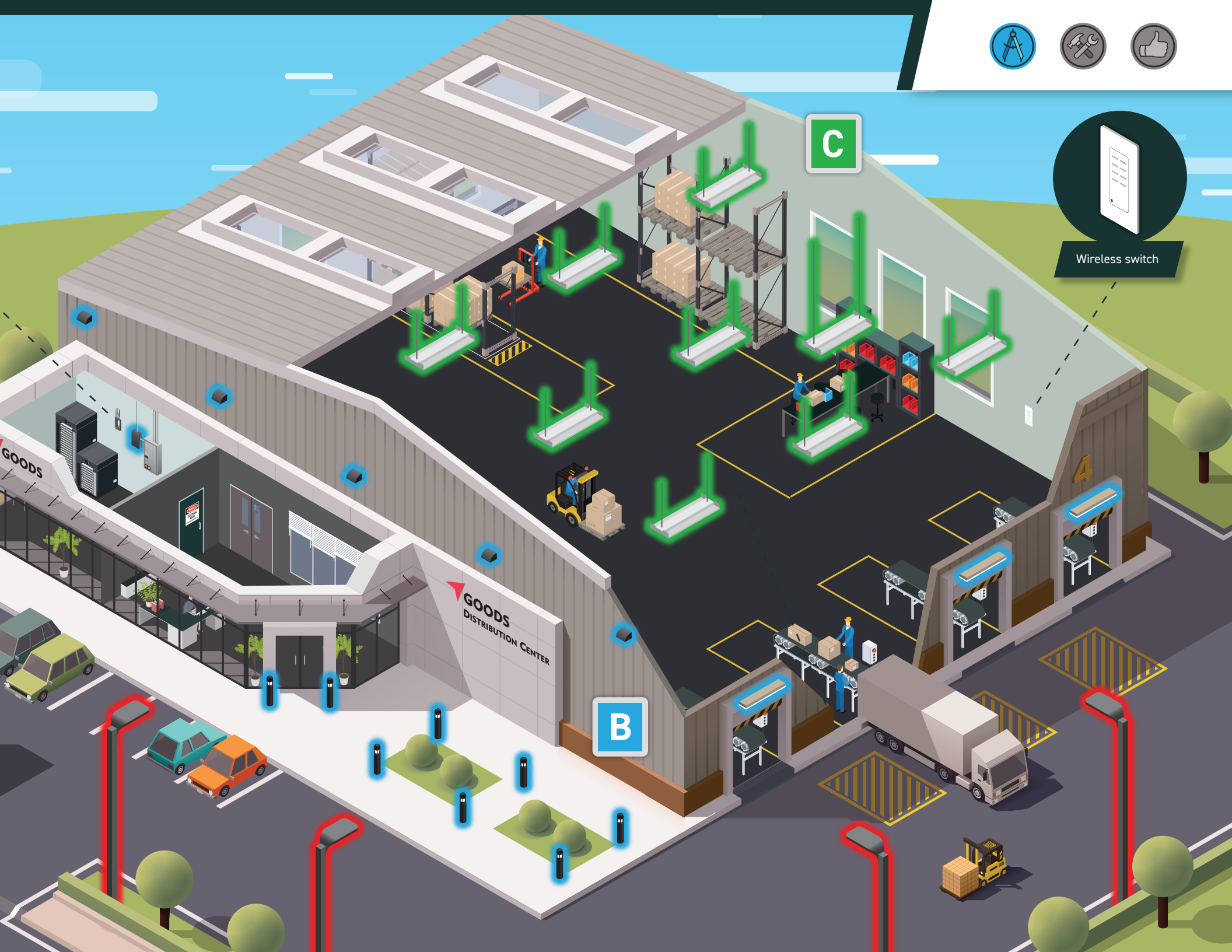
C **Daylight Harvesting**

Exterior fixtures & rooms that receive natural light can utilize daylight harvesting to automatically adjust light levels by measuring the amount of ambient light in a given area. This functionality provides convenience & energy savings by only using as much light as needed.

The AirLink site manager controller serves as the heart of your lighting control solution, allowing local control with or without internet.

A

Wireless switch

GOODS

GOODS
DISTRIBUTION CENTER

B

C

Simple to Install & Commission

The simplicity of the AirLink system saves labor cost, potential for error & overall time needed to spend on a job. The following points are a few of the highlighted benefits concerning installation, commissioning & post-installation.

1 **Integrated controls**

Whether you are building a new facility or upgrading an existing one, factory-installed controllers reduce installation time & risk of error in the field. Our AirLink-integrated & AirLink-compatible fixture lines are simple plug-n-play solutions for any application.

2 **Wireless components**

Traditional control systems require wiring to run from each fixture to an electrical box. AirLink components do not require any control wires to connect them from the fixture to the panel. This allows any site to become wireless without the huge labor upgrade cost.

3 Scalability

Whether a customer is expanding their business or renovating a building, AirLink is always ready to adapt. AirLink's scalability allows it to be added to or altered at any time. If a customer decides to make their system BACnet compatible after the installation process, no problem! AirLink is designed to accommodate the ever-changing needs of your business.

4 Remote commissioning & training

In most applications, remote commissioning is offered to prevent unnecessary on-site cost. Our technicians work with the user to determine the programming that will best serve their needs. The technicians will then host a thorough training webinar where the users can learn about their site & how to manage it on their own.

5 Sustainability

The AirLink system gives customers the assurance to stay up & running. With our comprehensive remote diagnostic software, in-house technical support, software updates & reprogramming services, our team is prepared to help with anything.

ASHRAE BACnet®

AirLink can be integrated with your building system for full, seamless control.

The BACnet/IP protocol is the primary language used for system integration. BACnet is native in the AirLink Gateway Module & facilitates the communication between AirLink & other systems.

Building/Energy Management Systems (BMS/EMS)

HVAC

IT

Audio & Video

Energy Dashboards & Analytics Packages

Internet of Things

BACnet® is a registered trademark of ASHRAE.

Simple to Use Software

AirLink Site Manager is a web-based lighting controls management application that gives users easy access to their site(s). Site Manager's capabilities reduce calls to technical support & gives users the ability to make adjustments on their own.

Remote & Local Access

Depending on the customer's needs, the system can be set up to be accessed locally and/or remotely.
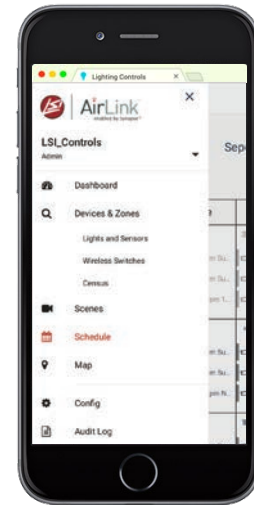
Satellite Map View

Quickly view & display energy usage information to drive decision making & demonstrate savings.
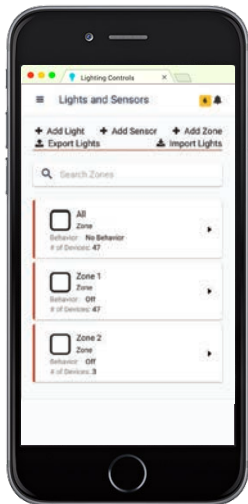
Intuitive Navigation

An easy-access menu allows you to quickly view & edit devices, zones, scenes & schedules.
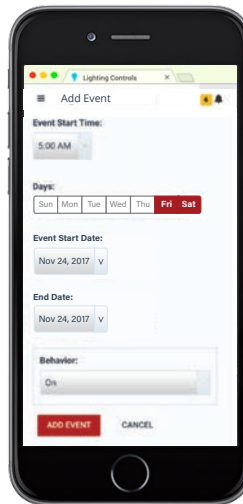
Zoning

Grouping fixtures & devices into zones makes it easier to manage daily functions & energy usage.

Schedules & Events

Create basic sunrise/sunset schedules & add events to temporarily alter them for specific occasions.

Contact LSI

For any questions regarding the AirLink system or components please contact our sales or support representatives.

Sales

controls.sales@lsi-industries.com

Support

controls.support@lsi-industries.com

1 (800) 436-7800 (support, option 8)

More information

For more information on AirLink, visit our website at www.lsi-airlink.com

AirLink™

enabled by Synapse®

A versatile, energy-saving control system for new construction & retrofit projects.

Occupancy/vacancy sensing utilizes motion detection to adjust lights based on occupancy of a given area

20 – 60%
Lighting savings

Daylight harvesting dims the light-level when daylight is available to light the space

25 – 60%
Lighting savings

Scheduling provides pre-programmed changes in light levels based on time of day

10 – 20%
Lighting savings

High-end trim sets the maximum light level based on customer requirements in each space

10 – 30%
Lighting savings

Dimming control gives occupants the ability to adjust the light output to their comfort level

10 – 20%
Lighting savings

HVAC integration controls heating, ventilation & AC systems through contact closure or BACnet protocol

5 – 15%
HVAC savings

Energy Monitoring identifies energy usage information to drive conservation & cost savings

Variable