



SOLUTION OVERVIEW

Simple to Specify. Flexible to Operate.

Auto dealerships have unique exterior-lighting needs. The new vehicle display lot may need to remain brightly illuminated during evening sales hours, while employee parking, service areas, inventory lots, or other portions of the property can be reduced after hours.

SimplySnap makes those different operating requirements easy to manage without tying lighting control to electrical circuits or contactor panels. Each fixture can be controlled individually and then grouped into software-defined zones based on how the dealership actually uses the property.

For retrofit projects, adding controls can be as simple as installing a TL7-HV wireless controller on compatible area lights equipped with an ANSI C136.41 7-pin receptacle and adding an SS450 Site Controller. The TL7-HV provides wireless on/off and dimming control, an integrated photocell, power monitoring, scheduling, and fixture-status visibility.

For new construction, the CSEN1 Combo Sensor Controller provides another straightforward option when paired with compatible Zhaga Book 18 luminaires. The controller combines wireless lighting control, photocell functionality, and integrated PIR occupancy sensing in one device and supports 0–10 V and D4i drivers.

The result is a dealership lighting system that is easy to commission today and easy to modify tomorrow as inventory layouts, operating hours, or facility needs change.



Flexible Zones



Scheduling



Occupancy Sensing



Photocell Control



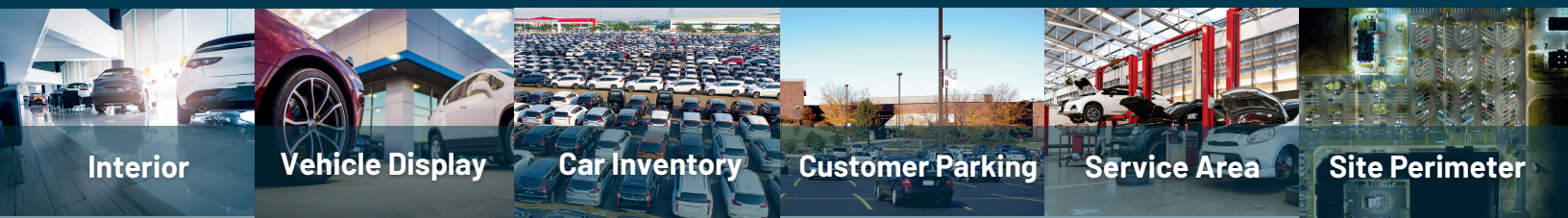
Power Monitoring

SOLUTION HIGHLIGHTS

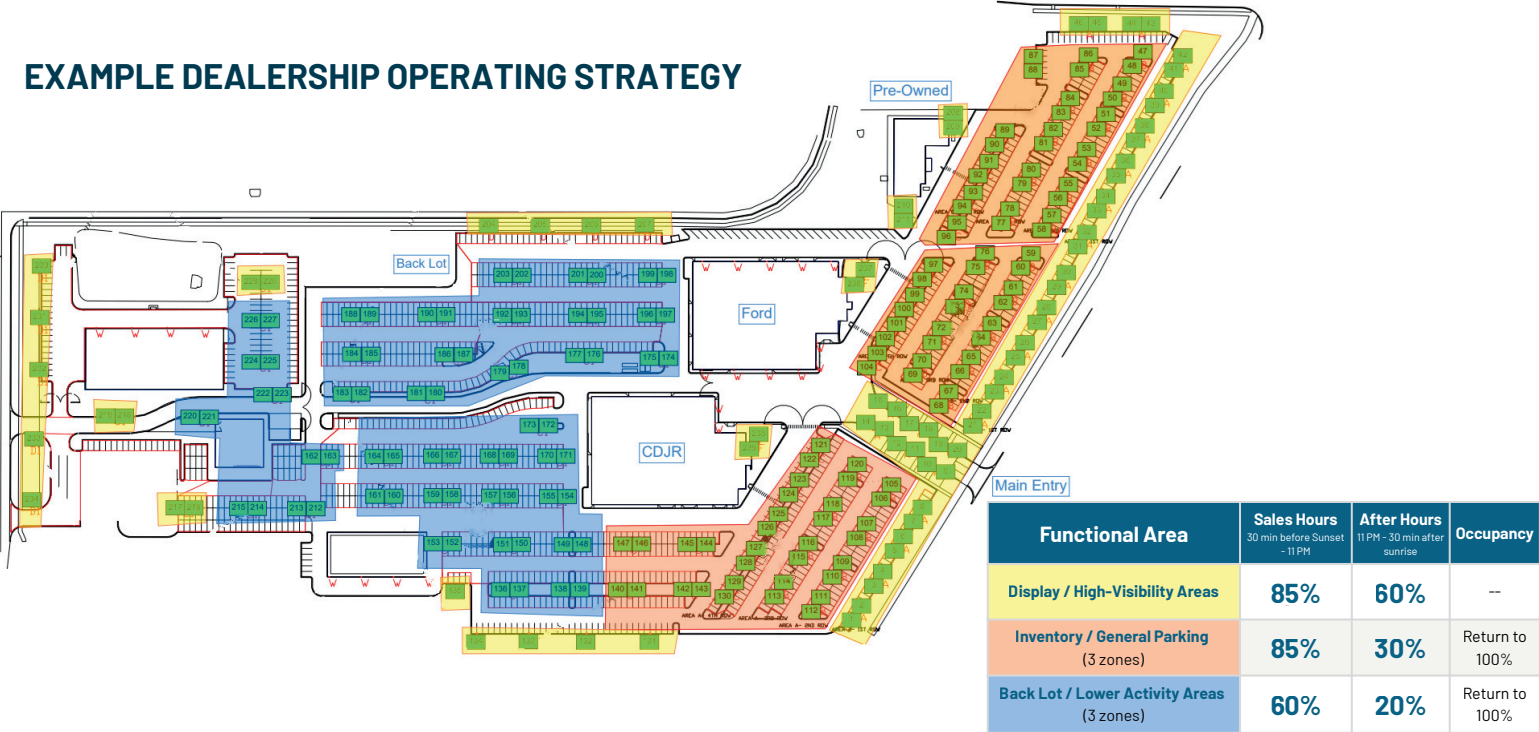
Purpose-Built Control for Dealership Site Lighting

- **Simple Retrofit Controls:** Add wireless control to compatible existing area lights using the TL7-HV and ANSI C136.41 7-pin receptacle—without replacing the fixture or adding control wiring.
- **Flexible Zoning:** Create zones based on dealership operations rather than electrical circuits. New vehicles, used vehicles, customer parking, employee parking, service areas, perimeter lighting, and other areas can each operate independently.
- **Different Light Levels by Area:** Keep high-visibility sales areas at full output while reducing lighting in lower-priority areas after the dealership closes.
- **Scheduling + Photocell Control:** Set lighting around dealership hours and sunrise or sunset, while photocells respond to actual daylight conditions. If a storm darkens the lot during the day, the lights can turn on even though the schedule would normally keep them off.
- **High-End Trim:** Set maximum output levels by zone to eliminate unnecessary over-lighting while maintaining the desired appearance of the property.
- **Occupancy-Based Control:** For new installations, CSEN1 adds integrated PIR sensing so low-traffic areas can automatically reduce output when vacant and brighten when people or vehicles are present.
- **Maintenance Visibility:** Quickly identify lighting problems without relying solely on nighttime inspections. TL7-HV provides power and status monitoring at the fixture level.
- **Easy to Reconfigure:** When dealership needs change, zones and schedules can change with them—without rewiring circuits.
- **Remote & Multi-Site Management:** SimplySnap Cloud can extend the system to centralized management of multiple dealership locations.

SYSTEM EXAMPLE



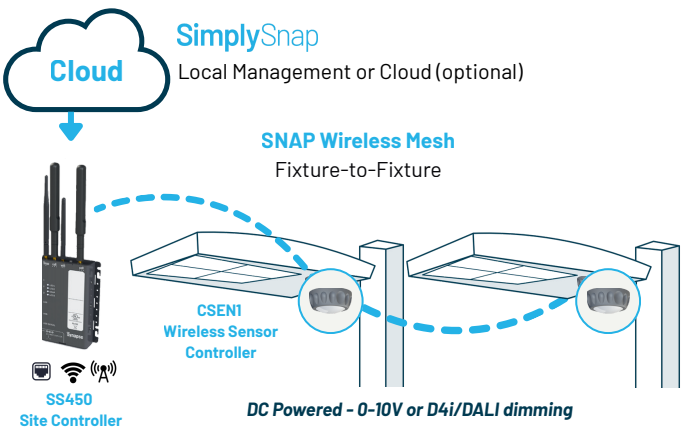
EXAMPLE DEALERSHIP OPERATING STRATEGY



SYSTEM ARCHITECTURE

NEW CONSTRUCTION

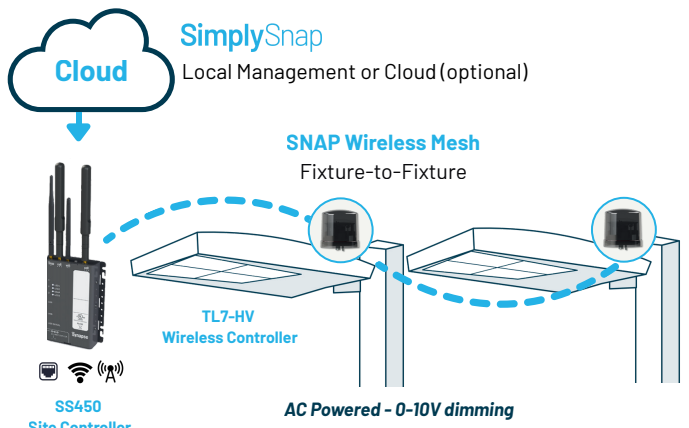
Zhaga Book 18 Luminaires



The **CSEN1** mounts to the luminaire's Zhaga Book 18 receptacle and adds wireless control, photocell, and PIR occupancy sensing in one device, with 0-10 V or D4i/DALI driver support.

RETROFIT

ANSI C136.41 7-Pin Area Lights



The **TL7-HV** twists into the existing 7-pin receptacle—no fixture replacement or control wiring—adding dimming, photocell, and power monitoring.



SynapseWireless.com

SYNAPSE