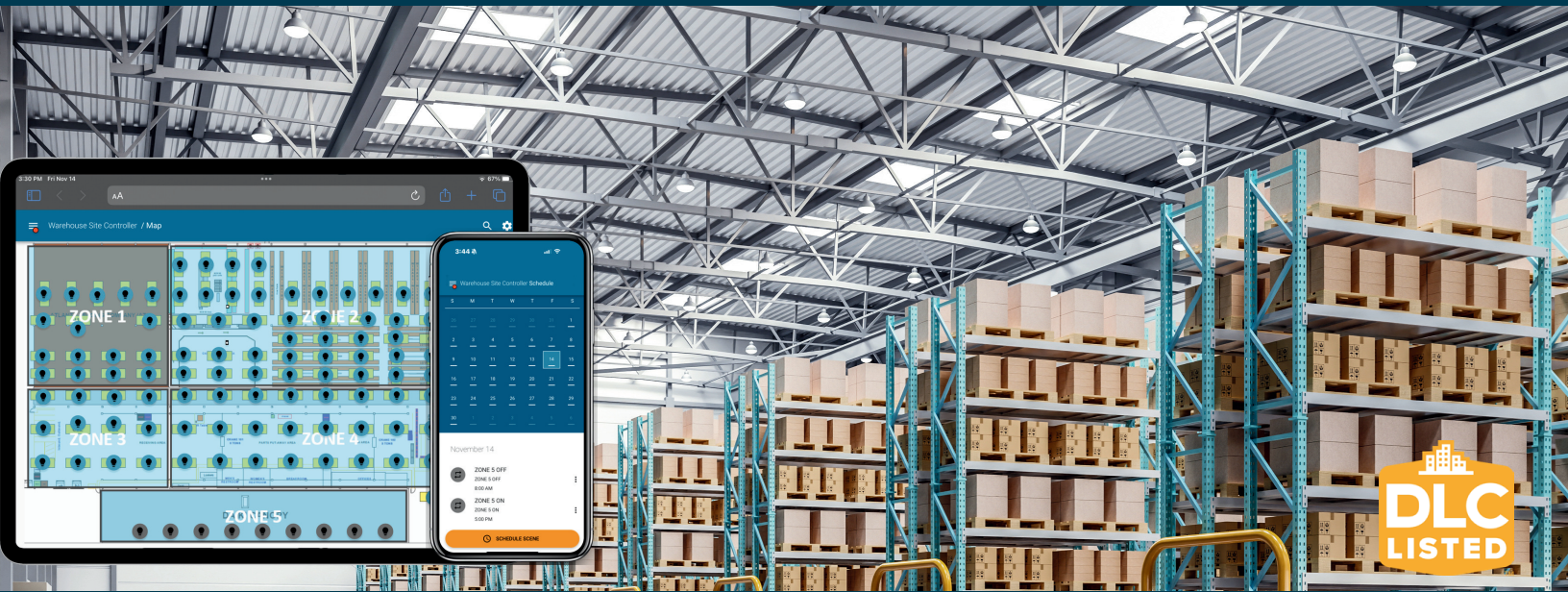




SOLUTION OVERVIEW

Maximize Efficiency. Minimize Waste.

Warehouses and distribution centers demand lighting that supports safety, productivity, and energy efficiency. SimplySnap delivers a scalable wireless lighting control system that adapts to dynamic warehouse operations—whether it's racked aisles, picking, packing, or shipping zones. With software-defined zoning, occupancy response, daylight harvesting, and advanced dimming strategies, SimplySnap reduces energy waste while maintaining the right light levels where work happens.

The system integrates with existing building management platforms, supports demand-response events, and provides proactive maintenance alerts. SimplySnap gives warehouse operators full control of interior and exterior lighting from a single, flexible, vendor-agnostic platform.



Occupancy &
Daylight Sensing



BMS Integration



Scheduling



High End Trim



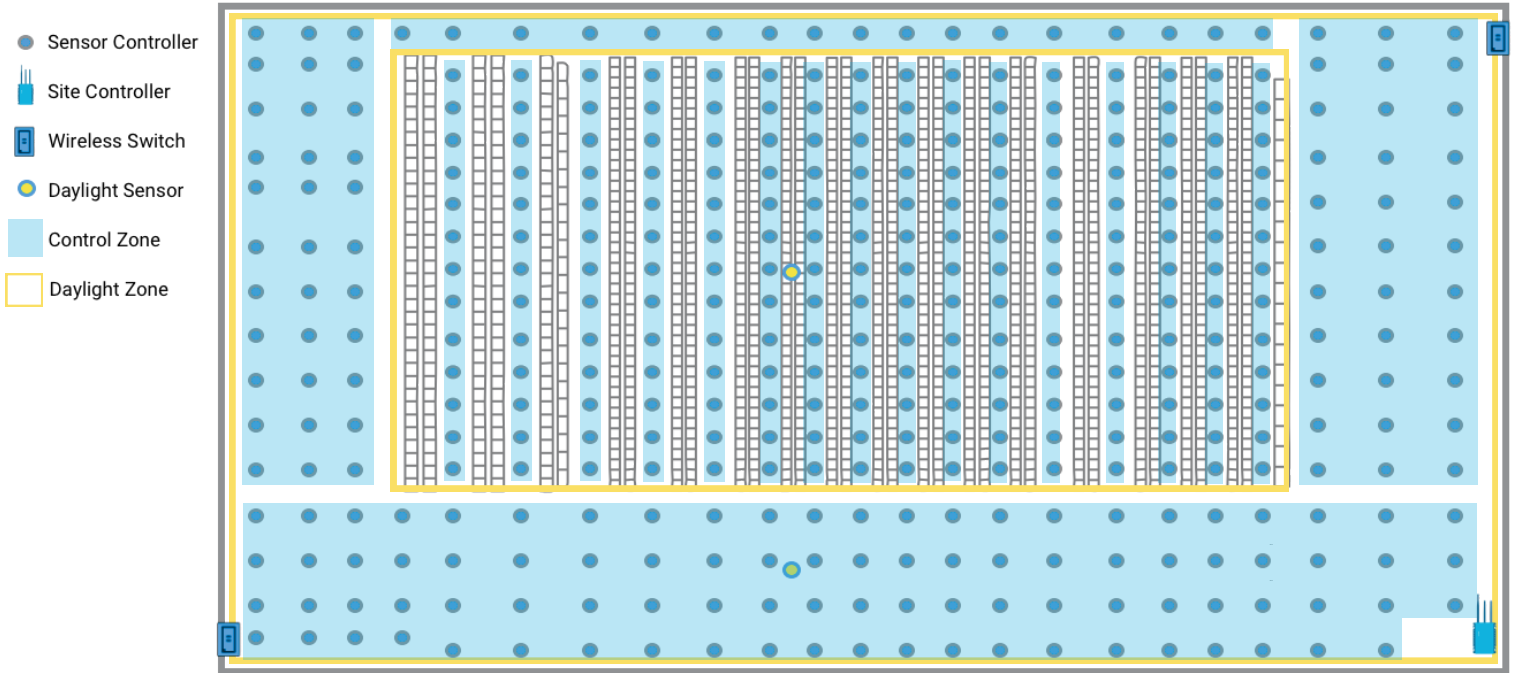
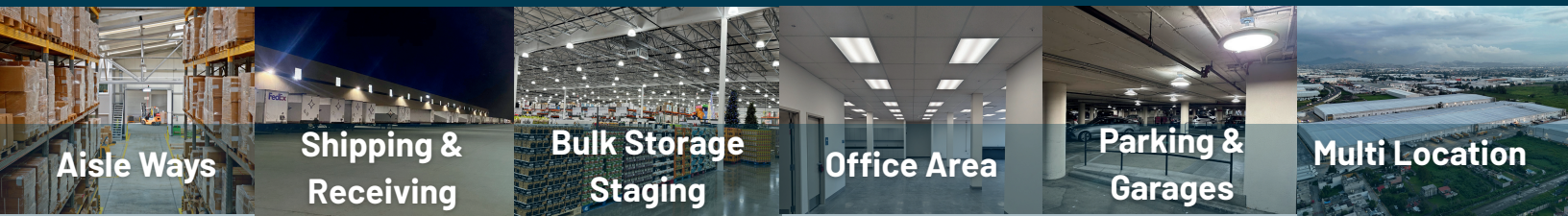
Zones

SOLUTION HIGHLIGHTS

Simplify Facility Management with Wireless Lighting Controls

- **Circuit-Free Grouping:** Create zones for aisles, storage, docks, or packing—regardless of how circuits are wired.
- **Adapts With You:** Update zone or sensor timeouts as the warehouse layout changes.
- **Automated Control:** Lighting adjusts to facility use with occupancy, schedules, and dimming to reduce wasted energy.
- **High-End Trim:** Set fixture maximums for immediate, invisible savings.
- **Configurable Fade Times:** Prevents jarring on/off changes by smoothly transitioning between dimming levels.
- **Daylight Harvesting:** Uses natural light from skylights/atriums and dims fixtures gradually to maintain proper illuminance.
- **Unified Platform:** A single platform that controls lighting inside the warehouse and across all exterior areas.
- **BACnet & Modbus:** Integrate with the facility's BMS so lighting can be managed alongside HVAC, ventilation, energy metering, and other building systems.
- **Demand Event Support:** Automatically reduce output during peak demand events or time-of-use windows.
- **Driver Diagnostics:** Uses D4i driver diagnostics to identify driver or LED array problems early and generate proactive alerts.
- **Works With Any Fixture:** Embedded or bolt-on controller options for nearly any high-bay or warehouse fixture

SYSTEM EXAMPLE



SYSTEM COMPONENTS

1. **Site Controllers (SS 450 & CBS):** Local control hub that handles lights, zones, scenes, and schedules. They can be accessed over the customer's LAN or connected to SimplySnap Cloud, and support Wi-Fi, Ethernet, or optional cellular connectivity for flexible network deployment.
2. **Fixture-Level Controls (Embedded & Bolt-on):** In-fixture and external wireless controllers using universal interfaces like 0-10V and DALI-2/D4i. Compatible with fixtures from major OEMs, they provide smart dimming, sensing, and reporting for new installations or retrofits.
3. **Wireless Switches:** Two- and four-button wireless wall switches for manual control and local override of lighting zones.
4. **BMS Gateway:** Integration module allowing SimplySnap lighting to connect with building management systems, enabling unified oversight and control of lighting, HVAC, and energy systems.
5. **SimplySnap Cloud:** Cloud-based management platform providing remote access, multi-site control, power reporting, automated email alerts, and centralized visibility for all connected facilities. For a complete list of SimplySnap Cloud features, see our [SimplySnap Cloud Solution Brief](#).
6. **Lutron Athena Integration License:** Software license that enables seamless interoperability between SimplySnap and Lutron Athena for a unified experience across interior and exterior lighting systems.

Reach out to your Synapse Sales Rep for a list of your recommended facility components.



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