



**Universal Signal Translator for All Connected Systems**

**LED SMART**

**UniLynx™ transforms disconnected or incompatible devices into intelligent, centrally controlled nodes across any wired or wireless network.**

Built on a hybrid architecture with a proprietary signal translation engine, UniLynx simplifies integration, control, and automation—across military, commercial, industrial, and smart agriculture applications.

### **Why Choose UniLynx™?**

#### **Simplifies Complex Communications**

Manages both wired and wireless protocols—without rewriting code or replacing hardware.

#### **Future-Proofs Legacy Systems**

Integrates existing infrastructure with next-gen automation and control.

#### **Patented, Proprietary Technology**

Built on a secure, modular platform with unmatched reliability and flexibility

### **Use Cases**

#### **Defense & Field Systems**

Secure integration of diverse asset types and legacy protocols.

#### **Smart Agriculture**

Unified control of lighting, irrigation, sensors, and environmental systems.

#### **Commercial & Industrial**

##### **Infrastructure**

Retrofit-ready for lighting, HVAC, and occupancy monitoring.

#### **Transportation & Public Utilities**

Reliable command and automation across large, distributed networks.

### **Ready to Unify Your Systems?**

Whether you're upgrading legacy infrastructure or building smart environments from the ground up, UniLynx™ makes it fast, secure, and future-ready.

**ONE PLATFORM. ANY DEVICE. ANY PROTOCOL. ONE CONTROL POINT.**

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## KEY FEATURES

### Hybrid Networking Architecture

Seamlessly bridges wired (DALI, RS-485, PLC, etc.) and wireless (Wi-Fi, BLE, Zigbee, Thread, Bluetooth Mesh) environments in a single control mesh — seamlessly bridging the gap between legacy systems and next-gen devices.

### Universal Device Compatibility

Any device—new or legacy, wired or wireless—can connect to UniLynx without modification or custom firmware.

### Centralized Smart Control

All connected systems and devices become controllable through a single dashboard or app. Manage automation, triggers, scheduling, and monitoring in real-time.

### Proprietary Signal Translation Engine

Our unique control core converts all signal types into a unified source logic layer—allowing cross-device and cross-protocol communication without delay or conflict.

### Encrypted & Modular

Whether in a single facility or across a national deployment, UniLynx delivers encrypted communications and supports drop-in scalability.

### Intellectual Property Statement

UniLynx™ is protected under one or more pending patent applications.

Its signal translation engine and hybrid control architecture are proprietary technologies under development and legal protection.

For partnership, integration, or licensing inquiries contact [info@ledsmart.com](mailto:info@ledsmart.com).

## HOW IT WORKS

### Just 4 Simple Steps!

#### Step 1: Connect Any Device

Plug in or wirelessly sync any device—sensors, controllers, lighting, HVAC, irrigation, motors, and more.

#### Step 2: Automatic Signal Detection & Translation

UniLynx detects the protocol and translates it into an internal logic code using its proprietary hybrid engine. (Patent pending)

#### Step 3: Centralized Access & Automation

Access and control everything from a local interface or secure cloud dashboard—no matter the original protocol.

#### Step 4: Smart Logic & Adaptive Control

Set triggers, enable automation, or integrate AI-enhanced behavior — all without writing new code.

