

# SPHERELINK

KNOW WHAT'S COMING

## URBAN INTELLIGENCE INFRASTRUCTURE

Distributed sensing for real-time situational awareness coverage

Spherelink transforms existing LED lighting infrastructure into a distributed sensing network that detects, classifies, and alerts on threat events - enabling safer, more resilient cities and critical infrastructure operations.

Urban Areas  
Campuses  
Electric Utilities  
Oil & Gas Refineries  
Port Facilities  
Rail Facilities  
Telecom  
Hospitals



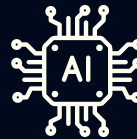
### THE SPHERELINK PLATFORM



LIGHTING INFRASTRUCTURE



EDGE SENSORS



AI EVENT DETECTION



AI CLOUD INTELLIGENCE



ALERTS AND INTEGRATIONS

Observe. Act. Protect.

### THE CHALLENGE



**Cities lack continuous visibility across vast infrastructure networks.**  
Events often go undetected until damage is done.



**Existing solutions are fragmented, expensive, and hard to scale.** Most systems are designed to protect limited areas.

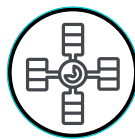


**Emergent threats demand broader, faster, and smarter awareness:** from theft, vandalism, drone, and other safety threats.

### WHY SPHERELINK



**City Scale Coverage**  
Leverage existing lighting infrastructure to create persistent sensor layer across all infrastructure



**Multi-Domain Intelligence**  
Detect drones, infrastructure tampering and theft, and a range of safety threats - on one platform.



**Privacy-Protecting**  
No audio or visual recordings are stored or transmitted, protecting personal privacy.



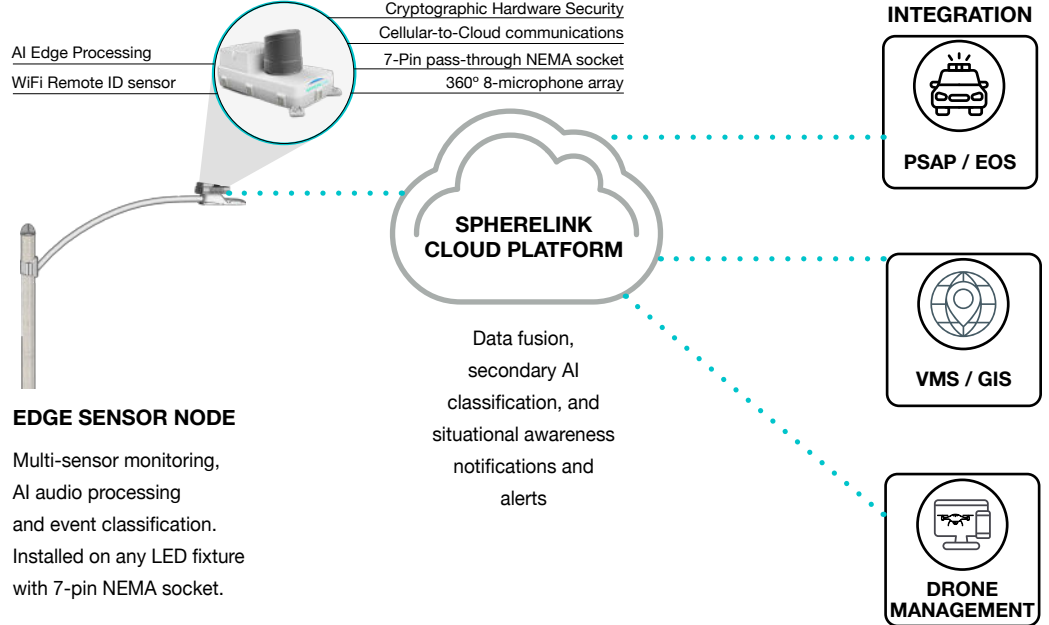
## HOW IT WORKS



## DETECTION

- UAS / Drone Detection**  
 Detect and track unauthorized drones that present threats to the public and critical infrastructure
- Acoustic Events**  
 Identify gunshots, screams, breaking glass, alarms, grinding/cutting, and more.
- Citizen Privacy**  
 Recorded audio event classified on-sensor and discarded before transmitting data to cloud

## ARCHITECTURE



## COVERAGE-BASED ECONOMICS

MODEL	SPHERELINK APPROACH
Pricing	Per square mile per year
Deployment	Pilot ► Expand ► Full Coverage
Physical Platform	Standard LED light fixture sockets
Detection Types	RF + 8-sensor 360° acoustic array
Communications	Secure Private Cellular-to-Cloud

Logo

**Contact:**

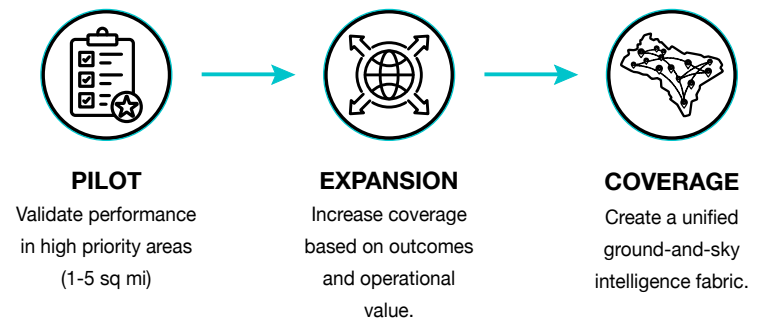
Full Name

Title

Company

Email

## DEPLOYMENT PATH



## OUTCOMES

- ✓ Real-time awareness, detection and rapid response
- ✓ Reduced infrastructure theft, damage, and downtime
- ✓ Public safety and infrastructure protection due-diligence
- ✓ Actionable intelligence and improved decision making



Learn more about Spherelink  
 Scan the QR code or visit [spherelink.ai](https://spherelink.ai)