

## Smart Lighting System Remotely Monitors and Controls Lighting Fixtures and Conserves Energy

### MINI-CASE STUDY

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#### MESH SYSTEMS PROFILE:

Mesh Systems designs and deploys turnkey IoT (Internet of Things) solutions that include hardware, software and networking frameworks for Smart products. Our award winning platform, MESHVista® combined with our deep industry expertise enables us to accelerate the delivery of products and services that connect devices, data, people and processes to work together in harmony.

#### APPLICATION:

Smart Energy

Develop cloud based systems to help facilitate offsite management of remote lighting systems.

"Customizable to meet any unique customer situation, MESHVista, considered a best-in-class technology platform, delivers highly scalable device-to-cloud information exchange and control actions across wired, wireless and hybrid networks more efficiently than any other solution."

- Frost & Sullivan 2014 North American Entrepreneurial Company of the Year Award report

### SITUATION

WLS Lighting Systems wanted to launch a wireless product that helped their lighting system customers remotely monitor properties and lower overall energy costs. The system needed to be simple to deploy yet robust enough to withstand all outdoor elements of sun, wind, rain and snow.

### SOLUTION

The netLINK Controls system is a wireless, remote monitoring and control system that uses IoT technology to instantly notify property owners the precise nature of a lighting issue. The lighting system is powered by MESHVista, an IoT cloud platform that leverages Microsoft Azure. This allows the system to be quickly deployed across thousands of remote lighting fixtures. A central command portal lets property owners remotely manage all site lighting requirements.

### BENEFITS

Reduction in overall energy consumption reduces costs yet still ensures proper lighting to protect and promote properties. Improved fixture and lamp performance through active and precise maintenance of remote assets.



# MESH SYSTEMS™

Internet of Things Software, Services and Solutions

Creating business action and insight from IoT devices and applications

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