

## Customer Success Story

# Street Lights

Thingsquare helped a startup secure large scale pilot deployment contracts with municipalities



Customer:  
**Startup company**



Market:  
**Street lighting**



Outcome:  
**Large scale pilot projects  
with multiple municipalities**

Traditional street lights are difficult to control. They are either turned on or off, all at the same time.



The company chose Thingsquare to implement a wireless mesh network for control and monitoring of the street lights.

The customer won large scale pilot deployment contracts with multiple municipalities.

### Challenge

Municipalities want to control street lights at a finer level than today. But street lights are deployed in hundreds or thousands in each deployment.

This makes individual control difficult.

By default, traditional street lights can only be controlled by a single on/off switch.

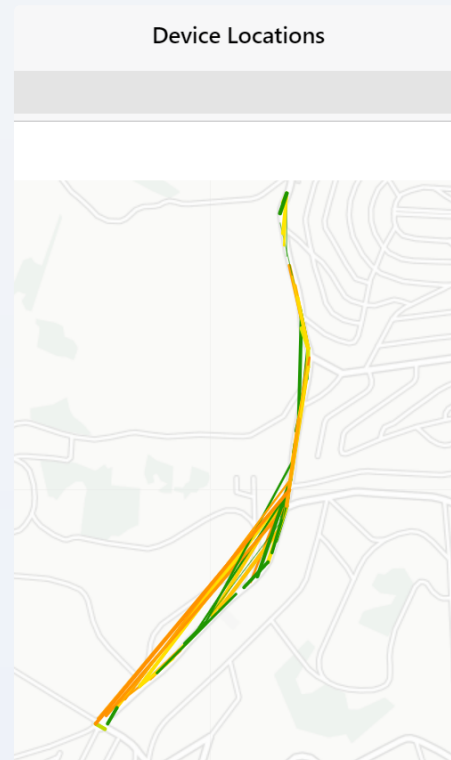
By adding wireless control to each light, the municipalities can get very fine-grained control of the light of individual streets and individual locations.

## Solution

The company selected Thingsquare's wireless mesh system as the basis for their street lighting control system.

Each deployment consists of several hundreds of lights that all are connected to the same mesh network. The lamps report status information several times per day and can be individually controlled.

In one deployment, a rare animal was found to be nesting near several lamps. The municipality was then able to reduce the light near that location to leave the animals in peace.



The street lights form a wireless mesh network

## Outcomes

- Individually controllable street lights in large-scale networks
- The Thingsquare platform was used as-is for the customer's street lighting system
- Customer secured several large-scale pilot deployments with municipalities

# Let Thingsquare Help You Succeed With Your Wireless Project

Check out our IoT solution planner at

[www.thingsquare.com](http://www.thingsquare.com)