

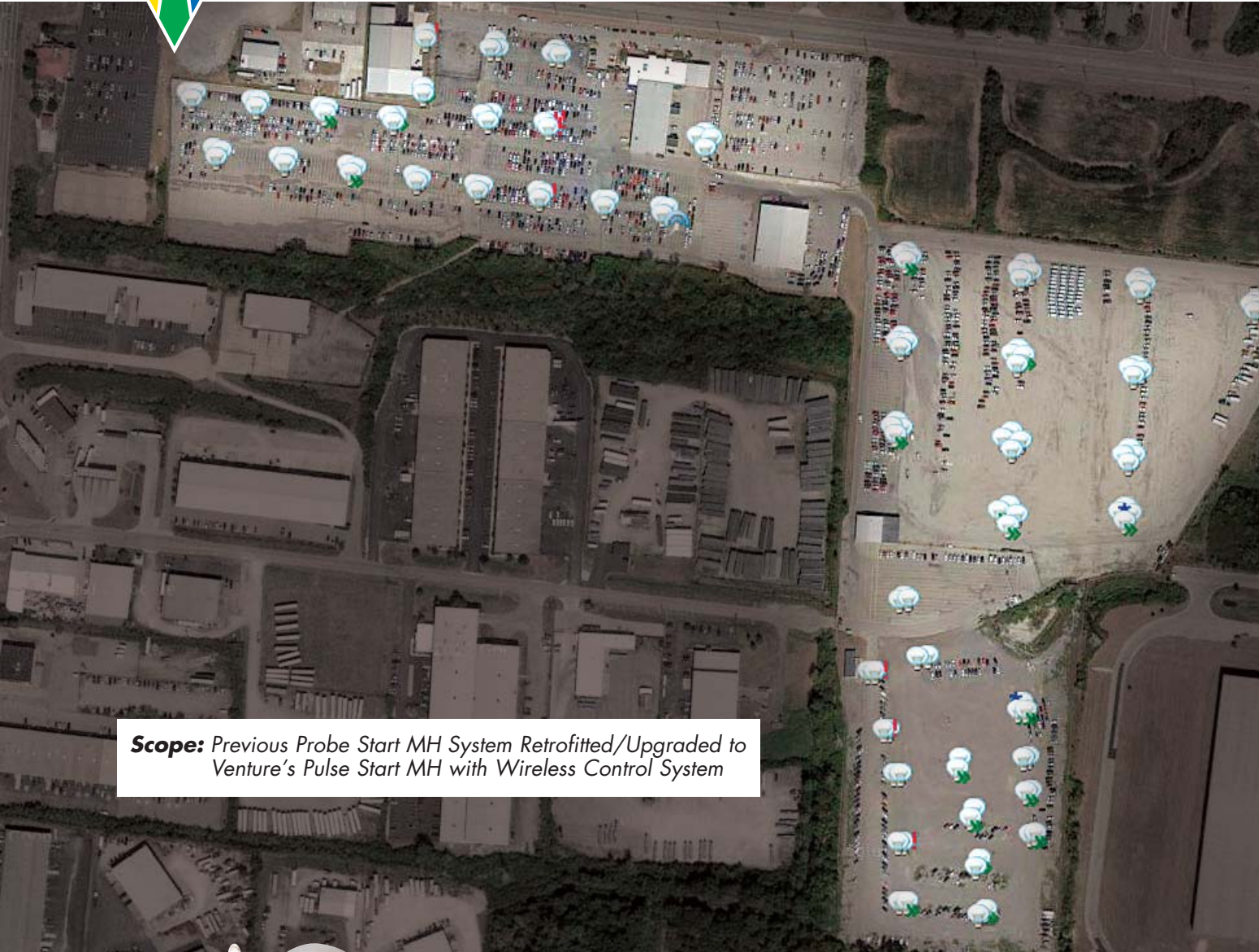


# CASE STUDY

## CINCINNATI, OH

Area Lighting

Cincinnati, OH



**Scope:** Previous Probe Start MH System Retrofitted/Upgraded to Venture's Pulse Start MH with Wireless Control System



### PROJECT DETAILS

- Outdoor area lighting at large automotive recycling center
- Elevation changes and tree groves separate multiple areas with limited line-of-sight
- Balance between increased light levels for improved security and decreased light levels to obtain energy savings requested by customer; various detailed timing schedules necessary
- Multiple voltages and power feeds to service individual lots



WIRELESS LIGHTING CONTROL SYSTEM

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## PRODUCTS USED

- (1) BranchNode
- (139) LeafNodes
- (140) 575W Uni-Form® pulse start lamp/ballast systems



Actual LeafNut software views



## LEAFNUT® BENEFITS

- Ability to program lights as groups or individuals to meet customer needs
- Significant energy savings achieved through creative and flexible programming
- Terrain challenges overcome by unique radio frequency and protocol platform
- ROI increased with use of cost effective multi-voltage ballasts
- Automated email messages sent directly to the on-site maintenance team

## ENERGY SAVINGS

Existing 1000W Systems Probe Start MH	vs	Venture's 575W Natural White® SPL System
548,000	Annual kWh Energy Usage	150,009
0	Savings	398,000
\$54,800	Annual Energy Costs	\$39,800
0	Annual Savings	\$15,000
	Based on \$0.10/kWh	<b>73% Reduction</b>



WIRELESS LIGHTING CONTROL SYSTEM

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