

## Case Study - Large Automotive Dealership

### FRANK KENT HONDA

FORT WORTH, TX

Installation: January 2010

Frank Kent Honda was a new ground up dealership that utilized “state of the art” lighting technologies and control systems, making it the first Honda dealership in Texas to become LEED certified. The savings started when they specified the more energy efficient 775 watt PSMH Natural White® lamps for their site lighting needs. This gives a 22% energy savings over the commonly used 1000 watt MH lamps used in other dealerships while improving the visual experience of improved light levels.



Frank Kent Honda paired energy efficient lighting with the unique netLiNK Wireless Control System. Now, not only are they receiving the benefits of being able to control each individual fixture, receive notifications of outages, and view real time saving data, they were also able to drastically reduce their install cost. Typically all lighting circuits are tied back to one main house power panel as well as additional night light circuits were eliminated. With netLiNK the lighting circuits no longer had to be tied back to one centralized house panel, which reduces a LOT of wire, labor, and panel sizes. netLiNK connects to power from the closest panel and then we create a custom wireless control system based on their specific needs...

*Give us power and we take control!*

*“The netLiNK system has allowed us to wirelessly manage our burn cycles on the lamps and minimize unnecessary use of electricity which saves money, our environment, and natural resources. We are so happy with the netLiNK and lighting system that we are also putting it on our new Cadillac store!”*

*-Will Churchill and Corrie Watson / Owners*

ROI Summary	
Previous Conditions	
775 Watt Fixtures	190
320 Watt Fixtures	23
Avg. Burn Hours/Day	12
Avg. Annual Burn Hours	4380
Est. Annual kWh Consumed	748,603
Est. Annual Energy Cost	\$89,83204
Current Conditions - With netLiNK Installed	
775 Watt Fixtures off @ 11:00pm	100
320 Watt Fixtures off @ 11:00pm	12
Est. Annual kWh Consumption	439,261
Est. Annual Energy Cost	\$52,71113
Savings	
Est. Annual kWh Savings	309,342
Est. Annual Savings	\$37,12190
<b>ROI</b>	<b>63%</b>
<b>Payback Period (years)</b>	<b>1.58</b>

\* Savings based on \$.10 kWh