



CASE STUDY

Brown Deer, Wisconsin

Murphy Energy helped Strattec Security Corporation, one of the world’s largest manufacturers of vehicle security systems, capture dramatic energy savings in its manufacturing and office areas by replacing aging, inefficient high pressure sodium and T-12 florescent lights with state-of-the-art LED lighting.



Today, the company realizes even greater energy savings through occupancy sensors that reduce consumption in unoccupied areas.

Savings Analysis:

Annual kWh Savings	375,506
Annual System Savings	\$33,795.59
Combined Incentives	\$38,784.80
Return on Investment	13 months
10-Year Energy Savings.....	\$281,630.00

Benefit Analysis:

- LED Fixtures Carry 10-Year Warranty
- >120,000 hour Lifespan Rating
- Occupancy Sensing by Wireless Control System
- Enhanced Color Temperature and Light Quality
- Improved Uniformity and Distribution of Light
- Elimination of Maintenance and Relamping Cycles

Annual Environmental Impact*:

- 563,260 pounds of Carbon Dioxide (CO2)
- 938,766 grams of Sulfur Dioxide (SO2)
- 2,177,938 grams of Nitrogen Oxides (NO2)
- Planting 69 trees each year
- Removing 53 cars from the road each year
- Saving 34,137 gallons of gasoline each year

* Source: Environmental Protection Agency

Energy Management Services:

- Turnkey Lighting Upgrades** ✓
- Building Automation Systems** ✓
- Rebate Administration** ✓
- Project Management** ✓
- EPAct Certification** ✓
- Solar** ✓
- Power Quality** ✓

CONTACT US:

 414-810-0301

 murphyenergy.net

 info@murphyenergy.net