

# Scott County Justice Center



## OVERVIEW

Scott County Justice Center of Huntsville, TN was seeking an energy solution partner to completely retrofit existing lighting after having received a poor score on an audit for inadequate lighting, particularly in the prison cell pods. Justice Center leadership was also seeking a way to reduce budgeted expenses and viewed utility and maintenance costs as solid targets for cost reduction. Given local government budget constraints, the Justice Center needed the best solution for the best value.

## CHALLENGE

- Cut energy consumption by 60%
- Cut maintenance expense by 75%



## SOLUTION

- Complete LED retrofit and replacement of all lighting in the interior common spaces, facility exterior, and parking lot
- Install cutting edge fixtures

## RESULT

- Energy consumption reduced by 68%
- Maintenance expense reduced by 95%
- Dramatic reduction in energy consumption, elimination of the cost of replacing antiquated fluorescent lamps and ballast that contain harmful elements
- Notably improved lighting of the interior buildings, increasing illumination and safety

## The Helios Energy Impact

Increased safety and morale

10-year energy savings –  
**\$213,200**

10-year maintenance savings –  
**\$76,470**

Total monthly savings –  
**\$2,414**

Total 10-year savings –  
**\$289,670**

**350,207.1** lbs. reduction in CO2!  
Equivalent to removing **33.9** cars from the road per year, or not burning **17,862.5** gallons of gas!