



**OPTIMIZING** your buildings' performance



## case **study**

**customer:** Naval Support Activity Mid-South

**service:** lighting upgrade & retrofit

## MEMPHIS NAVSUPPORTACT NAVAL SUPPORT MID SOUTH

- LIGHTING UPGRADE
- INCREASE LIGHT LEVELS
- REDUCE OPERATING EXPENSES
- STANDARDIZATION



"Your company finished the work on time while adjusting to meet the needs of the various occupants of the 63 buildings that were retrofitted. I received several comments about how clean and well-mannered your people were. This was exceptional considering you completed work in a commissary, child care facility, a medical clinic, a dental clinic, and several other sensitive buildings. Thanks you for making my job easy."

Robert Gossman, Project Manager, Department of the Navy

## case study Naval Support Activity Mid-South

### INTERIOR LIGHTING UPGRADES

Naval Support Activity (NAVSUPPORTACT) Mid-South is located in Millington, Tennessee, 21 miles north of downtown Memphis. As the base has grown, so has its impact on the area. It plays an important part in the Memphis community and is one of the largest single businesses in the State of Tennessee.

Memphis Light, Gas and Water Division contracted with Servidyne to perform comprehensive interior lighting upgrades for the 63 buildings at Naval Support Activity Mid-South.

The contract was secured via Federal Procurement procedures administered by Memphis Light, Gas and Water. Servidyne experts completed the project on time and under budget. Additionally, the flexible installation schedule resulted in minimal inconvenience for the customer and its occupants. Throughout the entire project, Illuminating Engineering Society (IESNA) and Naval lighting standards were met or exceeded.

Base-wide, approximately 15,000 existing fixtures were removed and 13,500 state of the art fixtures were installed. This dramatically improved lighting levels throughout and saved significant energy and maintenance expenses.

### ENVIRONMENTAL IMPACT

The reduced energy needs at Naval Support Activity Mid-South prevented large amounts of Nitrogen Oxide, Carbon Monoxide, and Sulfur Dioxide from being released into the atmosphere.

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part of the [solution](#)



### CHALLENGES

- Design and build lighting upgrade for 63 buildings
- Minimal disruption of naval personnel
- Decrease energy consumption due to lighting



### SOLUTIONS

- Audit, Design, and Analysis of Naval Base to determine areas of possible savings
- Upgrade existing fixtures to promote savings and increase light levels
- Lamp and Ballast Standardization for ease of maintenance
- Utilize Servidyne personnel to



### RESULTS

- Significant reduction in operating and maintenance expenses
- Standardization of lamps and ballasts
- Reduce the number of fixtures to maintain
- Increased light levels
- Occupant satisfaction