

PROJECT CASE STUDY

Denver Federal Center

**GSA**

ENVOCORE SOLUTIONS

- Performed a lighting upgrade in all 17 Buildings including all exterior lighting.
- This lighting project was performed in order to retrofit all 2x4 troffer fixtures and install new lighting controls with new LED luminaries installed in many of the exterior applications.

DRIVERS

- This project significantly helped move the GSA further toward their sustainability goals for 2020.
- Over 1,000,000 square feet was slated for an Investment Grade Audit

BY THE NUMBERS

**1,600,000+**REDUCED KWH
CONSUMPTION
ANNUALLY**50%+**ENERGY
REDUCTION**18,000**FIXTURES
REPLACED OR
RETROFITTED

PROJECT BACKGROUND

The Denver Federal Center is committed to becoming one of the most sustainable campuses in the US by the year 2020. This Center covers 623 acres of campus. There was a tremendous amount of savings to be created by upgrading an outdated lighting system. Many of these facilities contained first generation T8 fluorescent lighting systems. RTS, a division of Envocore, performed an audit of seventeen buildings including exterior, attached fixtures, walkways, and parking lots. RTS evaluated numbers of variables such as how the spaces will be used, amount of day-light, load potential, dimming, lamp color, initial cost, and cost to maintain moving forward.

ABOUT DENVER FEDERAL CENTER

The Denver Federal Center is located adjacent to the foothills of the Colorado Rockies and is only minutes from downtown Denver.