

INLAND CENTER MALL

INSTALLED 2008

SIZE:

932,709 SQ FT

Originally built in the 1960s, the Inland Center Mall houses three major anchor department stores and over 130 smaller shops and services. The mall is located in San Bernardino, California, where summertime temperatures often exceed 100°F.

USE:

REGIONAL MALL

In 2008, LOBOS was installed to reduce the mall's HVAC energy use.

LOCATION:

SAN BERNARDINO, CA

Upon implementation, the LOBOS system optimized the facility's chilled water and air-handling systems. LOBOS control strategies optimize CHW supply temperature and CDW supply temperature, as well as AHU variables. The result is significant energy savings. Total chiller plant energy efficiency is averaging less than .50 kW/ton, even on 100°F days, and the improved system saves more than \$360,000 a year in energy costs.

ANNUAL ENERGY
COST SAVINGS:

\$360,000



NEW LEVELS OF HVAC INTELLIGENCE

LOBOS brings never-before-seen levels of intelligent, efficient operation to commercial comfort systems. Before LOBOS, the basic operation of large-scale commercial HVAC systems hadn't changed in decades. Even with more efficient motors, pumps and drives and the addition of digital controls, HVAC systems being installed in 2013 operate pretty much the same way they did in 1972. LOBOS changes that.

