



- ▶ Medical Facility Maintenance
- ▶ Mechanical HVAC Systems

## KROESCHELL PROJECT CASE STUDY:

# Kirtland AFB Medical Campus

### THE CHALLENGE:

Kroeschell provides operations and maintenance for the Kirtland Air Force Base (AFB) medical facilities. Each building has varying equipment; therefore, their needs are different:

- Medical Treatment Facility maintenance includes two 250 ton chillers, two 250 ton cooling towers, one 100 ton chiller, one 50 ton data center cooling split system, two high pressure steam reducing stations, eight Air Handlers, three elevators, one medical gas supply system, one medical vacuum system, one BAS system (Alerton).
- Dental Facility maintenance includes one 50 ton air cooled chiller, one emergency diesel generator, one low vacuum system, one high vacuum system, two medical air compressors, two air handlers, two autoclaves.
- Veterinarian Clinic maintenance includes one 20 ton split system, one surgical suite.
- Logistics warehouse maintenance includes one 25 ton split system.

### THE SOLUTION:

**Kroeschell has completed numerous facility improvements including:**

- Installation of solar bollard lighting throughout campus sidewalks. All campus sidewalks are now illuminated at night by batteries that are charged by solar energy.
- Replacement of sidewalks and trees, and complete repavement and landscaping of sidewalk at dental clinic. Included underground sprinkler system for watering plants.
- Installation of new steam and condensate flow metering systems.
- Remodel of facility shower rooms.
- Repair and replacement of major portions of clinic roof.
- Installation of server room A/C split-system.
- Replacement of facility medical gas air compressor and vacuum system.
- Upgrade to existing security key-card system.
- Replacement of two 100 ton chillers, two cooling towers, one air handling unit.
- Replaced electrical switchgear.

### THE RESULTS:

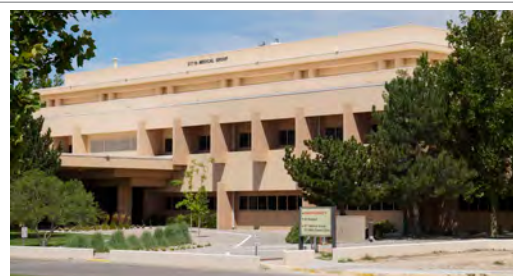
With the replacements and upgrades to the HVAC and motion control lighting systems, Kirtland AFB recognized major improvements in their energy efficiency. Additionally, Kroeschell was able to enhance and prolong the life cycle for many of the other existing real estate assets.

### CONTACTS:

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#### PROJECT OVERVIEW:

**Location:** Albuquerque, NM

**Project Scope:**

- Operations and Maintenance of Ambulatory Medical Facility and Campus
- Campus Size: +170,000 SF

**Customer Profile:**

The Kirtland AFB, 377th Medical Group provides daily operational medical support to the 377th Air Base Wing and over 100 associate organizations. Additionally, the group provides primary health care to patients enrolled in TRICARE Prime and assigned to Kirtland AFB clinic, and temporary duty personnel. The clinic provides primary and specialty care on a space-available basis to other eligible beneficiaries.



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