

# KAISERSLAUTERN MILITARY COMMUNITY MEDICAL CENTER



Crosby Group is providing structural engineering for the design of a new 1,000,000 square foot, Medical Center for the stabilization of wounded warriors for both the U.S. Air Force and U.S. Army, located adjacent to the Ramstein Air Force Base near Kaiserslautern, Germany. The design is being developed in conjunction with a German structural engineering counterpart wherein Crosby Group leads the design up through 20% design completion, and then provides a supporting role to the German designer for the remainder of the project. The facility includes a 10-story administration tower, a 6-story serpentine clinical wing, and a 2-story diagnostics/surgery wing. Additional structures designed as part of this facility include a bridge, parking and ambulance garages, connector structures between buildings, a central plant, and a warehouse.

The structural design follows an amalgamation of codes including the UFC (Unified Facilities Criteria) Guidelines, IBC (International Building Code), and DIN – German Standards. Crosby Group is using Autodesk Revit Structure for BIM modeling including the NAU BIM Requirements and the Process Improvement Proposal (PIP) of Document UFC 4-510-01.



**LOCATION:**

Kaiserslautern, Germany

**CONSTRUCTION COST:**

\$1 Billion

**COMPLETION:**

2017

**CLIENT REFERENCE:**

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**PROJECT HIGHLIGHTS:**

- Federal Work -ACOE
- BIM / Revit
- Anti-Terrorism / Blast Protection Design
- Progressive Collapse Design
- German Sustainable Design Standards

