

DATA POWER SOURCE

ELECTRICAL SOLUTIONS FOR BUSINESS CONTINUITY



ELECTRICAL



CONNECTIVITY



MISSION CRITICAL



ENGINEERING
& DESIGN

PROJECT PROFILE

US COMBAT READINESS CENTER DATA CENTER GENERATOR & COOLING

CUSTOMER: US ARMY COMBAT READINESS CENTER

LOCATION: FORT RUCKER, ALABAMA

DETAILS: INSTALLATION OF A CATERPILLAR 250KW STANDBY POWER GENERATOR UNIT & ASSOCIATED ATS, INSTALLATION OF APC IN ROW COOLING UNITS, INSTALLATION OF A NEW BUILDING WIDE FIRE ALARM SYSTEM AND THE INSTALLATION OF TWO (2) SEPARATE FM200 SYSTEMS IN STORAGE VAULTS

TIMEFRAME: ~6 Mo.



PROJECT DESCRIPTION:

The initial project at the Fort Rucker Combat Readiness Center involved the installation of a new Caterpillar 250kW Diesel Powered Standby Power Generator unit and four (4) APC In-Row Cooling units installed in the data center. The project scope was amended during the project to include a brick walled equipment courtyard, new handicap accessible ramp w/aluminum awning, replacement of the building wide fire alarm system and the installation of two (2) new FM200 fire suppression systems in storage vaults in the basement of the building. The mechanical and electrical aspects of the project were completed without disruptions to the existing data center operations. The new equipment courtyard provided space allowances for future equipment upgrades at the facility.



MECHANICAL EQUIPMENT COURTYARD CONSTRUCTION IN PROGRESS



COMPLETED MECHANICAL COURTYARD WITH APC IN ROW REMOTE CONDENSER UNITS

MECHANICAL COURTYARD WITH THE NEW CATERPILLAR 250KW STANDBY POWER GENERATOR

