

# CASESTUDY

## C4 INTEGRATED SYSTEMS



## SPECIALIZED & STREAMLINED SOLUTIONS

### CHALLENGE

The US Air Force Space Command (SPACECOM), Space and Missile Systems Center (SMC) was faced with an immediate, high priority requirement to determine the cost of replacing the existing Data Center at Cape Canaveral Air Force Station. The current facility, which was built in the early 1950's and shared by NASA, is scheduled for replacement in the near future. The new facility will be designated as the "Range Communications Facility" (RCF). Determining the replacement cost would require a rapid infusion of IT systems engineering and integration expertise. Additionally, extensive knowledge and experience with Military Construction projects and the Program Objective Memorandum (POM) package process was vital to successfully complete the project.

### SOLUTION

The C4IS Sector met the challenge and provided an immediate customized solution to SPACECOM SMC in the form of one powerful team: the Naval Air Warfare Center – Aircraft Division (NAWCAD), Special Communications Mission Solutions (SCMS) Division and MIL's C4IS Sector team, which is comprised of highly specialized technical experts. The combination offered a unit with extensive experience in IT systems engineering and integration, MEGA Military Construction (MILCON) project experience, IT systems requirements analysis, project management, and Program Objective Memorandum (POM) package submission.

For ease of access, the SCMS/MIL C4IS team has an on-site office provided by SMC at Patrick Air Force Base in Florida. This site happens to be adjacent to Cape Canaveral Air Force Station, home to the current Data Center and future site of the new RCF.

### BENEFIT

The combined SCMS / MIL C4IS team has allowed SMC to focus dedicated, highly specialized resources on the challenge. The end result offers the creation of comprehensive costing documentation, which allows the project to move forward on time and within budget.

**The RCF will replace an existing facility that was originally built in 1957 with additions added through 1970. Total project cost for the building is estimated at \$170M and will reach completion in 2018 with systems integration cutover lasting through 2021.**