

Case Study

Naval Medical Information Management Center (NMIMC)

CHALLENGE

resolve the technical and performance issues
associated with NMIMC data center systems

SOLUTION

design, budget, plan, and implement a major
hardware upgrade for the entire environment



**PROFESSIONALISM, TEAMWORK,
MISSION-ACCOMPLISHMENT**





Case Study

Naval Medical Information Management Center (NMIMC)

Client Scenario

The Naval Medical Information Management Center (NMIMC) and Bureau of Medicine and Surgery (BUMED) had long been suffering from an unstable and antiquated data center. There were frequent system outages, poor performance of local and Enterprise hosted applications, and a constant battle to provide adequate data storage for their primary customer, the Medical community directly supporting the Warfighter. NMIMC required a contractor to resolve the technical and performance issues associated with their data center systems.

QuTech Solution

QuTech performed a baseline assessment of the technical and security posture of the NMIMC environment. Our assessment revealed that the NMIMC data center had a significant problem with hardware stability and operational effectiveness. QuTech worked with the Government managers to design, budget, plan, and implement a major hardware upgrade for the entire environment including network infrastructure (Cisco) and server hardware. After final funding approvals were received, QuTech replaced approximately sixty (60) Compaq Proliant and Dell PowerEdge servers in more than a dozen racks with forty (40) Dell 1855 Blade Servers in three racks. Thirty (30) are actively managed by our team, while the other ten (10) are managed by other divisions within NMIMC for which we provide environmental support. QuTech manages these servers that support Microsoft SQL databases, Exchange recovery processes, network health monitoring (What's UP! Gold, CiscoWorks, SolarWinds), and connect to two dedicated EMC Storage Area Network racks providing two terabytes of data file server storage. During these upgrades and blade consolidation efforts, QuTech was able to minimize user downtime and restrict significant outages to nights and weekends.

Client Comments

"This (QuTech) team's professionalism, close ties with their customer base, spirit of teamwork, and positive contribution to mission accomplishment reflects great credit upon themselves and the Naval Medical Information Management Center, and is in keeping with the highest traditions of the United States Naval Service. I commend you for a job "Well Done!"—Team of the Quarter Award for NMIMC Data Center Renovation."

E.G. Anastos
Captain, Supply Corps, United States Navy
Commanding Officer

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