



REAL PROPERTY INVENTORY VALIDATION OF USCG FACILITIES

United States Coast Guard (USCG)

Period of Performance: **May 2006 – September 2006** Place of Performance: **Multiple USCG sites**

Requirement / Problem

Before becoming part of the Department of Homeland Security (DHS), USCG had maintained a database of its real property holdings. However, in the years since then, USCG's mission has significantly expanded, many new assets had been added and some disposed of, and the FRPC guidelines prescribed data elements that were not captured. Further, problems with matching the definitions and functionalities from the original database (created from a 1996-vintage Navy system) to existing USCG assets had made it difficult for field personnel to keep the database updated.

In order to address all of these issues, USCG decided to conduct on-site physical validations and targeted asset reviews of all of its real property assets. Using modern Defense Department methodologies, USCG created its own framework for identifying, classifying, measuring, and updating the data on USCG assets. In addition to meeting USCG's specific needs, the new framework was compliant with FRPC requirements.

270net and its strategic partner Keres Consulting had been working with FEMA and DHS since 2003 assisting them with their asset management programs, developing real property management systems, and helping them meet FRPC and President's Management Agenda (PMA) Asset Management Scorecard requirements. Based on the success of these two projects (which were similar in scope), experience with real property management system development, and demonstrated competence in asset management program support and implementation, USCG selected 270net/Keres to provide a significant level of assistance to the USCG Real Property Inventory Validation Project.

Solution / Services

Solution

- Helped developed a technology-driven process to identify, measure, classify, capture, and report data for USCG assets
- Selected tools to be used on-site, including GPS devices, optical measuring tools, digital cameras, and laptops with custom software
- Developed custom software utility to maximize the efficiency of the data collection and reporting process; the software automated lookups, data entries, and formatting; performed data validations and identified potential anomalies; automated the import and linking of images from digital cameras to spreadsheets; and automated the importing of GPS coordinates

Services

- Project management
- Planning and logistics for validations at 23 of the largest USCG facilities
- Technology consulting
- Software development
- Process analysis and automation
- Data collection, validation, and migration
- Help desk

Technology

- Industry standard software development tools in a Microsoft environment
- Hand-held GPS devices, digital cameras, optical measurement devices, and laptops

Outcome / Results

- Based on the USCG Facilities Classification Guide and project requirements, created a highly efficient process for identification, measurement, classification, capture, and reporting of USCG real property asset data
- Successfully met aggressive schedule, used 2-man teams to complete asset validations at 23 of the largest USCG facilities from May – September 2006
- Received Contractor Performance ratings of 5 (Outstanding) and 4 (Excellent)
- From the Contractor Performance report: *"One of the best firms I've ever worked with. They were fanatic in making sure the CG was getting the product we needed. They provided a service that added true value to the CG's real property management."*