



REAL PROPERTY MANAGEMENT SYSTEM (RPMS) ASSET MANAGEMENT PROGRAM SUPPORT

Federal Emergency Management Agency (FEMA)

Period of Performance: **October 2002 – present**

Place of Performance: **Washington, DC**

Requirement / Problem

To help FEMA better manage its real property assets and meet DHS and other Federal requirements, 270net developed a consolidated information system to capture and manage FEMA's real property data. The system, which is FRPC, FRPC, and DHS-compliant, improved FEMA's ability to respond to real property information requests, and requests for short-notice capital budgeting requirements.

As FEMA was preparing to become part of the new DHS, the department was having difficulty responding to an increasing number of information requests related to its real property holdings. Resources were severely taxed by preparations for the upcoming DHS integration. FEMA's portfolio information was contained in individual MS Word documents, which provided summary data for FEMA installations. This portfolio of information was not consolidated, making it impossible to perform basic portfolio management functions such as search and report. In addition to being unable to quickly identify all of its real property assets, the data that was available was out dated, inaccurate, incomplete, and in a format that was insufficient for management of the portfolio.

FEMA turned to GSA for help, which in turn matched the capabilities and expertise of 270net and its strategic partner Keres Consulting, Inc. to meet FEMA's needs. The 270net/Keres team began identifying missing assets, updating data on known assets, and developed an information system to capture and manage the data to help FEMA meet internal and regulatory requirements. 270net continues to support the FEMA RPMS and its real property asset management program.

Solution / Services

Solution

- Developed FEMA Real Property Management System (RPMS)
- Supports data at the constructed asset level, consistent with the FRPC 25 data elements
- Web-based application that runs in a secure intranet environment
- Multi-tiered, facility-specific user access (admin, read-only, read-write)
- Multiple navigation paths to facility information (ad-hoc search, geographic regions, user profile)
- Extensive data analysis and reporting tools – includes specific deficiencies and costs for budget planning
- Automated FRPC-compliant Performance Measure Reports
- Inventory Snapshot reports at multiple levels (installation, constructed asset)
- Web-based administration (users, facilities, access rights)
- Section 508 (accessibility) compliant
- Obtained original IT Security Certification and Accreditation (C&A) in 2007 and renewal in 2009

- Pre-validates and exports data in XML format to DHS real property information system (also developed by the 270net), which integrates the data with other DHS components and creates the FRPP-required XML file for all of DHS
- Supports linking of documents (e.g., drawing, lease or ownership documents, photos, etc.) to assets
- Extensive exporting of data and reports to MS Excel format
- Supports integration with GIS systems
- Extensive ad-hoc search capability, including custom saved reports
- FRPC-specific data reporting and validation
- Data quality tracking and reporting
 - ✓ Capture of facility repair needs; integration with FRPC performance measures (e.g., Facility Condition Index) and capture of related budget information

Services

- Project management
- Systems analysis and technology consulting
- Software/internet application development
- Application/server security and technical support
- Data collection, validation, and migration
- Program support including assistance with Asset Management Program Briefings
- Development of training materials and providing training on RPMS and FRPC at multiple HQ and field locations
- Extensive review and analysis of best practices related to meeting FRPC requirements
- Help desk

Technology

- Industry standard software development tools in a Microsoft environment (ASP.Net, VB, JavaScript, MS Access, SQL Server)
- Software quality assurance, risk analysis, security assessments, and contingency planning and testing as prescribed by DHS IT Department guidelines, NIST 800-26 (Security Self-Assessment Guide for Information Technology Systems), and FIPS 1999 (Standards for Security Categorization of Federal Information and Information Systems)

Outcome / Results

- Created consolidated inventory of FEMA real property assets
- Developed FRPC-compliant information system to capture and manage real property data
- Obtained DHS Cyber Security C&A for FEMA RPMS
- Significantly improved FEMA's ability to respond to real property information requests
- Significantly improved FEMA's ability to respond to requests for capital budgeting requirements on short notice
- Raised awareness of, and compliance with, requirements of the Executive Order and FRPC guidance through training, executive briefings, and user support