

CASE STUDY: IDEAMATICS



COMPANY: IDEAMATICS

CARPATHIA SERVICES: FISMA-Compliant, Secure Hosting

DATA CENTER: Ashburn, VA

WHY CARPATHIA?

- Dedicated servers, reliable response times and guaranteed uptime give federal customers mission-critical support.
- Highly secure, customized and cost-efficient infrastructure complies with strict government standards, such as Federal Information Security Management Act (FISMA).
- Expert support, remote accessibility and maintenance keeps systems updated and data secure 24x7x365.

BACKGROUND

IDEAMATICS, Inc. is a veteran-owned small business (VOSB) with expertise in custom software development, statistical analysis, management information systems design and implementation, training and maintenance. IDEAMATICS has designed and implemented electronic data interchange (EDI) systems, analyzed anthropomorphic models for the U.S. Coast Guard (USCG), programmed real-time data entry systems for the U.S. Navy, developed a distributed network for the entry of bankruptcy data in courts throughout the U.S., and developed a microprocessor-based electronic telephone system for General Telephone and Electronics (GTE). IDEAMATICS' clients have included the U.S. Army Corps of Engineers, the U.S. Marine Corps, the Stanford Research Institute, Consolidated Rail Corporation, the American Petroleum Institute, the National Association of Manufacturers (NAM), the U.S. Congress Office of Technology Assessment and Fannie Mae among others.

CHALLENGE

In support of the USCG, IDEAMATICS developed the Mobilization Readiness Tracking Tool (MRTT) and its complementary Volunteer Bulletin Board (VBB) web-enabled applications. The MRTT was developed to allow Coast Guard staff to more

“Carpathia is a long time trusted partner that delivers unparalleled capability when it comes to delivering dependable mission-critical solutions to federal customers. In scenarios where there is no room for error, Carpathia has proven again and again that it can provide the secure and reliable infrastructure necessary to ensure continuity of operations occurs as usual, even in the face of the most daunting emergencies or natural disasters.”

Dr. David L. Danner
of IDEAMATICS, Inc.

efficiently identify, validate, fill and track personnel requirements in support of contingencies, such as hurricanes, flooding, or as has happened during MRTT's lifetime – oil spills and earthquakes. The MRTT VBB was developed to better allow USCG active duty and reserve personnel to search potential open billets, view requirements, and submit applications, including from mobile devices. To meet the USCG's operational requirements, IDEAMATICS needed an infrastructure partner that could provide a secure hosting solution, backup continuity of operations (COOP) capabilities, robust Internet access and 24/7 support. FISMA compliant hosting was critical to ensuring IDEAMATICS that the MRTT and VBB applications could provide a secure and convenient tool for USCG personnel use during contingencies.

APPROACH

Carpathia understood IDEAMATICS' needs and worked to provide a solution that could more securely, conveniently and cost-effectively manage their hosting infrastructure. Carpathia determined the specific security, accessibility, backup and response time capabilities needed and developed an offering to meet the USCG requirements for responsiveness and uptime. After scanning for vulnerabilities and implementing the solution into the FISMA-compliant hosting solution, Carpathia and IDEAMATICS were able to create a system that the Coast Guard can rely upon.

SOLUTION

Carpathia's hands-on team of engineers and experienced staff delivered a secure FISMA-compliant hosted solution to meet the Coast Guard needs in support of its mission-critical MRTT and VBB web-enabled applications. In addition to physical and systems security, Carpathia provided IDEAMATICS with two servers, network backup capabilities and remote management access accessible from IDEAMATICS' Colorado and Virginia offices. These capabilities allowed IDEAMATICS to achieve the necessary compliance and uptime critical to supporting USCG. This cost-effective Carpathia solution was also easy to implement and made it possible for IDEAMATICS to offer 24/7 Internet access and operational support to USCG. Carpathia's generators keep servers operational in times of emergency, especially for federal customers like USCG that need to mobilize quickly and operate in mission-critical situations.

Carpathia is a leading provider of hybrid cloud services and managed hosting, providing secure, reliable and compliant IT infrastructure and management for some of the world's most demanding enterprises and federal agencies. Carpathia's cloud platform delivers solutions for every stage of the cloud journey, empowering organizations to meet their unique security and compliance requirements. Carpathia's experienced customer care team and innovative data center facilities provide 24x7 global support to ensure optimum performance and reliability. Backed by its E3 Promise™, Carpathia consistently delivers an experience that exceeds expectations. Contact Carpathia at 1.888.200.9494, or visit www.carpathia.com for more information.