

Transform Your Business In The Cloud

Migrating to the cloud is challenging and can cause disruptions to organizational operations if not handled with care. Red River has the experience and insight to manage the process and optimize applications so our customers can focus on mission-critical objectives.

Red River has worked with many organizations who have successfully moved to the cloud. From the National Institute of Health to the Department of Veteran Affairs, Red River is an experienced cloud partner.

MIGRATING GSA EPM TO AMAZON WEB SERVICES

The Federal General Services Administration (GSA) implemented an enterprise-wide, commercial off-the-shelf (COTS) and custom developed applications suite of tools, called Electronic Project Management (ePM) which managed all GSA design and construction projects. Eventually, the ePM needed to migrate to a more reliable and flexible hosting platform in the cloud.

Red River was tasked with migrating ePM applications to a new Amazon Web Services (AWS) GovCloud hosting environment, providing operations and maintenance while developing new application features. Leveraging the AWS GovCloud Region ATO, Red River built a FISMA-moderate compliant infrastructure to host ePM. Red River also upgraded the COTS application to the latest release level, refactored legacy custom applications and implemented single sign on within the GSA domain.

Since the migration, ePM has maintained 99.999% service uptime and availability, and users have reported that the system has been more stable and responsive. The overall security has also improved, as Red River was able to automate the patching and updating process to maintain FedRAMP and other government information security policies. The AWS migration avoided a major technology refresh and ultimately saved the GSA \$3 million.

PROVIDING A 'PATH TO CLOUD' FOR THE NAVY

For the U.S. Navy's Commercial Cloud Brokerage Services for Naval Information Warfare Center Atlantic (NIWC), Red River developed and provides a managed services framework. This includes enterprise patching solutions, file transfer solutions, enterprise end-point security solutions, firewalls, network devices, backup, monitoring, self-provisioning, vulnerability scanning consumption, and financial reporting tools.

Red River is the first cloud broker for the United States Navy – providing a 'path to cloud' for the Navy mission as well as managing the underlying security tools, consumption of cloud and client support unit – all in a secure, compliant, and accredited managed services subscription model.

For the Navy and its 500,000+ users across 63 discrete customer virtual clouds, Red River provides a full cloud service migration and management solution. This solution enables the Navy to achieve its cloud adoption mandate and centrally manage, track, and report cost and performance data for applications hosted within secure virtual environments.

SIGNATURE CLOUD CAPABILITIES



Networking



Migration



DevOps



Government Cloud



Storage

HIGH SPEED RAIL AUTHORITY STRENGTHENS SECURITY

Red River partnered with California High Speed Rail (HSR) in order to make DevSecOps recommendations across multiple applications using various development platforms and languages. These recommendations were in response to a short-term request to understand security vulnerabilities associated with the open-source libraries that were being used by HSR.

Our team analyzed the libraries selected for use as well as the libraries that supported them to determine any security vulnerabilities. For any that had known vulnerabilities, Red River developed a mitigation plan that varied from simple upgrades to implementation of published security practices for safely using the otherwise vulnerable components.

We also prepared them for long-term security-focused goals of enforcing various security practices on source code development, performing their own penetration tests, and establishing a secure pipeline for open source resources.

STORAGE ON DEMAND BRINGS SCALABILITY TO THE VA

Red River is partnered with the VA to improve their overall storage efficiency by delivering a reliable and responsive cloud solution. Our Storage on Demand (SOD) solution allows the VA immediate access to extra storage capacity when needed. This access alleviates the burden of over-spending on storage and enables the VA to reinvest in their most critical mission needs and move towards the centralization of their data centers. SOD provides storage that is scaled within days instead of weeks or months.

With scalable storage capacity, the VA can instantly cope with any unexpected increases in storage requirements and only pay for the storage they need. As data capacity and compliance requirements increase exponentially, they can avoid the tremendous strain on their storage, staff and budget.

Beyond installation, Red River also provides active monitoring, reporting and equipment maintenance with Storage on Demand. The VA SOD program has successfully provided breakthrough capabilities to the VA using a flexible, scalable storage solution.

CRC'S MIGRATION TO THE CLOUD

CRC Companies is a nationwide real estate developer that has partnered with Red River for infrastructure and managed services support. After outgrowing their previous managed services provider, CRC needed a long-term partner that was flexible and responsive enough to keep up with their rapid expansion. In 2014, Red River was brought in to provide managed services support as well as upgrade their on-prem data center assets.

In 2018 as these assets were expiring, Red River worked with CRC to move their entire infrastructure to an AWS Cloud environment. The team was able to provide a seamless transition from an on-prem model to a cloud model. During and after the migration, CRC was able to avoid any business and service disruptions. Red River continues to provide support as CRC's experienced managed services partner.



ABOUT RED RIVER

Red River brings together the ideal combination of talent, partners and products to disrupt the status quo in technology and drive success for business and government in ways previously unattainable. Red River serves organizations well beyond traditional technology integration, bringing 25 years of experience and mission-critical expertise in security, networking, analytics, collaboration, mobility and cloud solutions.

Learn more at redriver.com.