

# Cloud Migration

## MIGRATE MISSION CRITICAL APPLICATIONS TO THE CLOUD WITH EASE

**Whether an agency is operating with a Cloud First mandate, or needs new infrastructure to support innovative new applications, Red River enables organizations to make the transition to the cloud – seamlessly.**

### PROGRAM SUMMARY

Application and AWS infrastructure O&M, Software Development, AWS GovCloud Hosting

- Prime contractor: Red River (via Natoma)
- Contract Award: 26 July 2013
- Customer: Primary – GSA PBS CIO; Key Stakeholder: GSA PBS ODC
- Locations: Washington DC

#### RED RIVER AT A GLANCE

- Founded in 1995
- Privately-Held
- Corporate Headquarters in Claremont, NH
- Federal Office in Reston, VA
- Innovation Center in Austin, TX
- Development Office in Sacramento, CA
- Red River Help Desk, Providing 24/7 Level 1 & 2 Support
- 24/7/365 US-Based Phone Support
- 50+ engineers to plan, build and run solutions
- More than 15 contract vehicles for federal procurement
- Powerful portfolio of partners and solution components
- ISO 9001:2015 Certified
- SOC 2 Type 1 certified

Red River

Many agencies are using commercial-off-the-shelf or custom applications to deliver services and support. To keep pace with ever-increasing demand, agencies need these applications to be agile and scalable. However, many organizations are faced with the reality that their underlining infrastructure won't support their future requirements. Application upgrades are made with the latest platforms, yet the compatibility with legacy systems can be tenuous and create instability.

Additionally, many agencies are struggling with outdated hardware and software which require a significant expense to replace or upgrade. Couple those costs with emerging security threats which are hard to mitigate without additional investments. Migration of mission-critical applications to a cloud environment is often the logical choice.

Red River can help. We understand what can happen when legacy systems and cloud solutions meet. Our team of certified experts can transform complex environments into high-performing systems.

We can handle the entire migration process, from identifying the right cloud environment, to designing the architecture to support your current applications to developing new features and new applications.

Our team includes software engineers, experienced infrastructure engineers and certified information security professionals, all working together to maximize system performance and maintain integrity. We employ an agile solution for application modernization, allowing us to help you navigate your options successfully.

Once your migration is complete, we also provide full stack support for applications in the Cloud, including firewall, monitoring, scanning, patching for infrastructure, development, testing, training and production environment.

#### Red River at Work: ePM

Within the federal General Services Administration, the Public Building Services (PBS) implemented an enterprise-wide, commercial off-the-shelf (COTS) and custom developed applications suite of tools, called Electronic Project Management (ePM) to manage all GSA Design and Construction Projects, whether it's a facility renovation or building a new federal facility.

Red River was awarded a contract to migrate the ePM applications to a new Amazon Web Services (AWS) GovCloud hosting environment, provide operations and maintenance and develop new application features.

Leveraging the AWS GovCloud Region ATO, Red River built a FISMA-moderate compliant infrastructure to host ePM. As part of the migration, Red River identified opportunities to leverage native services to optimize performance and promote re-use of services within the AWS infrastructure. 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 and implemented multi-factor authorization for external users and PIV authentication for internal users.

Since migrating, 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 posture 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 ultimately saved GSA \$3 million that would have been otherwise required for a technology refresh.

Migrating to the Cloud is challenging, and can cause disruptions to agency operations if not handled with care. Red River has the experience and insight to manage the process and optimize your applications so that you can focus on your mission-critical objectives.

TECHNOLOGY DECISIONS AREN'T BLACK AND WHITE. **THINK RED.**

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# Powerful Purchasing Vehicles

Red River holds a wide variety of contracting vehicles you can leverage to lower costs and streamline purchasing for a full range of IT products and services. We hold many agency-specific BPAs along with several Government Wide Acquisition Contracts (GWACs), including:

- AIR FORCE NETCENTS-2
- DHS First Source II
- GSA Schedule 70
- NASA SEWP V
- NAVY SEAPORT-E
- NITAAC CIO-CS
- SPAWAR COTS C2

We also hold several State of California contract vehicles, including CMAS, ADPQ, IT-MSA

## 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 more than 20 years of experience and mission-critical expertise in security, networking, analytics, collaboration, mobility and cloud solutions.

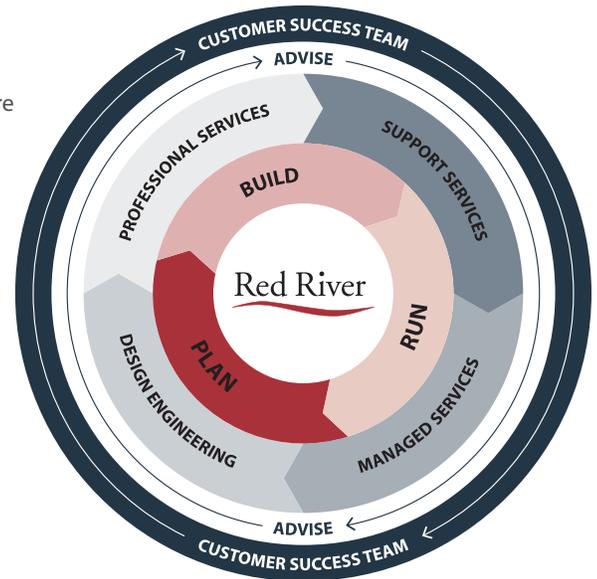
### LEARN MORE

For more information please call 800.769.3060 or visit [redriver.com](http://redriver.com)

Follow us on Twitter: [@ThinkRed](https://twitter.com/ThinkRed)

### FULL LIFECYCLE APPROACH

Today's technology deployments are rarely plug and play. They typically involve multiple technology components and services from an array of OEMs and providers. Leverage Red River's engineering and consulting services as your trusted advisor to identify solutions for your mission and business challenges. Through our four service areas, we provide complete lifecycle IT management, from procurement to device management to data analytics.



### TRUST RED RIVER

Red River provides a wide array of capabilities and cutting-edge technology solutions designed to solve current challenges, optimize available assets and help you make meaningful IT investments that align with your top strategic goals. We offer services across the full spectrum of technology – from selling and integrating technology infrastructure to developing software and custom applications to lifecycle services and support. Our key solution areas include Cloud, Analytics and Mobility. We also provide Professional, Managed and Support Services to maximize your technology investments. And our certified experts have the extensive expertise required to take on your toughest challenges as we work to secure the future of your enterprise infrastructure while lowering costs, reducing complexity and maintaining compliance.

### OUR TEAM

Red River employees are highly trained, efficient and ethical professionals taking pride, ownership and responsibility in all engagements with customers and partners. Our team listens and understands your needs, and we match those needs to the best available technology solutions. By working in unison with our manufacturer, service and distribution partners, we deliver quality projects to our customers within time, scope and budget expectations.

### OUR PARTNER ECOSYSTEM

Red River has strong relationships with a long list of elite partners, ranging from hardware to services to software. Our partner ecosystem includes global IT leaders that respect Red River's track record of excellence and our core mission of reimagining the possibilities of technology.

#### RED RIVER

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