

# TECHNOLOGY Solutions

## LaunchRamp

### Cloud Broker / Integrator

Federal agencies are transforming how they deliver services to their increasingly mobile and tech-savvy stakeholders. In this endeavor, cloud-based IT service delivery is a key enabler for cost efficiencies through economies of scale, increased responsiveness to demand, and higher performance.

To quickly and securely migrate complex systems to the cloud, agencies need a true Cloud Broker/Integrator (CBI). ManTech is a vendor-neutral partner that combines a track record of success with large-scale cloud migrations and an enterprise approach to delivering cloud services. We deliver customer value through:

- Our experience helping agencies navigate through the maze of cloud service offerings in the marketplace
- Independence from specific Cloud Service Providers (CSPs)
- Improved security posture through experience with FISMA, FedRAMP, and related requirements
- Negotiation and management of effective Service and Operational Level Agreements (SLAs/OLAs)
- Application of lessons learned from previous projects to minimize migration risks
- Continuing competition for services to provide the best value as technology and markets evolve

**LaunchRAMP is an Enterprise Cloud Broker solution that combines a proven and repeatable framework with expertise from our work on a large-scale, successful cloud migration projects.**

- The LaunchRAMP Enterprise Cloud Broker framework combines robust and compliant security layers with proven methodologies



- Through LaunchRAMP, customers reduce capital expenditures and operational risk, and migrate legacy applications and websites through a standardized approach
- LaunchRAMP leverages our years of experience with large-scale, complex cloud migrations to reach across organizational boundaries, siloed technologies, and disparate standards
- We offer experience and access to established CSP and vendor partnerships, as well as mature tools and process models to improve delivery while lowering total cost of ownership

### Select Customer Success

#### NASA, Web Enterprise Service Technologies (WEST) Prime

- Five-year BPA for cloud broker/integrator and cloud hosting services
- The initial focus of the program was migrating approximately 110 NASA web assets, including www.nasa.gov, to the Amazon Web Services (AWS) cloud
- Provided support for SaaS, PaaS, and IaaS required for www.nasa.gov and the other NASA domains

- Consolidated and integrated web service delivery capability for sandbox, development, test, staging, and production environments
- For cloud security established security vulnerability remediation, a minimum security baseline, and achieved a continuous monitoring ATO
- The portal, www.nasa.gov, has a completely new architecture based on cloud technologies and is designed to handle a significant load and defend against security attacks
- NASA content creators can now update content in minutes rather than up to an hour due to migrating NASA.gov to a cloud ready website in Amazon Web Services (AWS)
- 20 to 40 percent savings per month for operations and maintenance costs
- Provided better security, better standardization, and cost avoidance in procuring infrastructure
- Finalist for the AFCEA Bethesda Government-wide Initiatives Excellence Awards and the ACT/IAC Excellence.gov Awards

**Department of Homeland Security, Component Agency**

- Planning, phase-in/transition, and ongoing support for migration of the majority of the agency infrastructure (e.g., 50+ applications, systems, network, mail, messaging, and mobile devices)
- Intermediary between the agency and the private cloud providers in geographically dispersed data centers
- Defined services to be offered in the cloud; physically moved mission applications to the cloud
- Developed security protocols and pro-cedures, billing models, pricing, intercom-nection agreements, data management policies, privacy policies, and ongoing change management procedures and methods

**Large Federal Agency, DevOps Cloud Project**

- A pilot environment within a leading Cloud Service Provider to test their application automated provisioning. Goals of this pilot include the following:
- Demonstrate that automated provisioning and deployment of the infrastructure and application components can be accomplished within the CSP environment using CHEF orchestration toolkit

- Duplicate the components of the legacy data center Functional Test and Performance Test environments in the CSP using CHEF orchestration CD toolkit, so that interfaces are functional over an internet-based VPN
- Conduct performance testing and achieve the expected results, as defined in the current test plans
- Conduct scalability testing and ensure the architecture can scale quickly based on defined and agreed upon thresholds
- Conduct connectivity testing to interfaces to demonstrate that the application can efficiently communicate with external internet based entities as required
- Conduct Application functionality testing within the CSP using automated testing tools



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**LEARN MORE**

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