

Accelerate Application Modernization with Opti9 AppMod services on AWS

**Innovate faster, scale faster,
reduce costs and drive greater
business value**

Application modernization to leverage AWS can be a daunting task requiring architecting your applications and future proofing them to ensure they address ongoing business and customer requirements. Eliminating the cost and proprietary restrictions of commercial database licenses and legacy systems remains the key driver. Modern applications require fast, hyperscale, cloud-native platforms and databases that support millisecond latency, process millions of requests per second, and scale to support ongoing business growth. Application modernization services from Opti9 accelerate your migration of legacy applications to the AWS cloud and enable innovation, increased productivity, and reduced costs.

Our AppMod framework and service supports organizations with a specific path to modernization by providing valuable insights into their application portfolio leading to successful modernization projects and business outcomes. One of the ongoing challenges of application modernization is transformation risk. Any change to an existing system can result in unanticipated hazards. Opti9 de-risks this by employing the Strangler Architecture Pattern which provides increment transformation to a system and reduces larger systemic risk to smaller, discrete episodes of change.

AWS CERTIFICATIONS



- Public Sector
- Immersion Day
- Solution Provider
- Migration Services Competency
- Well-Architected Partner Program
- Amazon EC2 for Windows Server Delivery
- AWS Microsoft Workloads Services Competency



1

DISCOVERY ASSESSMENT

Completed to ascertain a comprehensive understanding of the legacy environment.



2

ROADMAP

A roadmap is built based on client needs and unique priorities.



4

INTERFACES & THIRD-PARTY COMPONENTS

Refactor user screens by integrating code and data with interfaces and third-party software.



3

TRANSFORM CODE & DATA

Automate transformation of legacy code and data.



5

TEST

Iterative testing, validate new system functionally, integration, load/stress, and user acceptance testing.



6

GO LIVE

Final migration and production go live.



8

FUTURE-STATE ROADMAP

Plan for subsequent modernization, enhancements (analytics and cloud deployment).



7

DECOMMISSION LEGACY ENVIRONMENT

Final shutdown and decommission of legacy infrastructure (if applicable).

An AppMod performed by Opti9 provides your organization with access to a team of US and Canadian based certified AWS services engineers and cloud architects with deep knowledge of AWS. Whether applications require re-architecting, re-hosting or re-platforming, our proven approach and methodology lays the foundation for ongoing modernization and continuous application innovation. With over 200 modernization projects completed worldwide, and a global team of expert practitioners, we can help.

Benefits of engaging with Opti9 for an Application Modernization project

By engaging with Opti9 for an application modernization project, organizations no longer spend time and effort worrying about preserving legacy technologies and operational inconsistencies. Remove the burden of hardware refreshes and the limitations of long-term licensing agreements by modernizing your workloads on AWS. No matter where you are in your modernization journey, Opti9 and AWS can help transform your existing applications and infrastructure to extend into cloud-native services that unlock new business capabilities, accelerate innovation, and reduce costs. AWS offers funding programs that can help you accelerate your modernization project. As a top-tier AWS Partner, we have a deep understanding of these programs and can guide you through the process to ensure you take full advantage of available resources.

To learn more about this professional service, contact Opti9 by calling 866.932.2471, email us at contact@opti9tech.com, or visit opti9tech.com/AppMod

MORE BENEFITS

Accelerate Innovation, Transformation and Savings

- ✓ Accelerate innovation with rapid development cycles and best practices
- ✓ Drive transformation based on new and improved functionality, user experience and business impact. Realize up to 70% savings in IT infrastructure costs
- ✓ Leverage financial incentives from AWS to fund the Application Modernization engagement!

Current and Future Application Support

- ✓ Assess current application use, dependencies, and rules to uncover business value
- ✓ Confidently handle new requirements such as cloud computing, mobility, and virtualization

Modernization plus Agility

- ✓ Achieve continuous modernization of the entire application portfolio and improve efficiency and control
- ✓ Increase agility and meet evolving organizational needs with modernized systems and applications
- ✓ Reduce risks and burden on development resources.

Minimize Disruption & Preserve Investments

- ✓ Minimize disruption to IT operations in the migration process
- ✓ Leverage and maintain existing application investments and extend cloud benefits to migrated assets

About Opti9

Opti9 is a hybrid cloud solutions provider with offices in Garden City, NY, Omaha, NE, Overland Park, KS, and St. Louis, MO, and data centers in North America, Europe and the APAC region. The company is an AWS Advanced Consulting Partner and Platinum Veeam® Cloud & Service Provider (VCSP) partner, along with several other key partnerships and certifications. Opti9 specializes in managed cloud services, application development and modernization, backup and disaster recovery, security, and compliance. With its business-first focus, Opti9 blends experience with innovation and new solutions to deliver on its "Right Workload, Right Cloud, Right Time" approach.

