

# CLOUD APPLICATIONS AND APPLICATION MODERNIZATION

Deploying and maintaining highly available, scalable business applications is complex, time consuming and very expensive. Costs include significant investment in new hardware, infrastructure implementation and high operating costs. Amazon Web Services (AWS) provides a reliable, secure and high performance cloud infrastructure that can easily scale to meet fluctuating demand so you no longer need to run custom applications in your own data center.

## Apps Associates Cloud Application Services

As an AWS Premier Consulting Partner, Apps Associates understands how to deploy custom applications, websites and enterprise applications in the AWS cloud including test, dev, production, backup, and disaster recover.

We provide three services for custom cloud applications:

### Develop or Rebuild Applications for the Cloud

Apps Associates has an application development team that is well versed with all major development platforms including Microsoft.Net, JAVA and PHP. We also have expertise designing and developing applications for the AWS platform using AWS API and SDK. Our development team can leverage AWS application services like Amazon Simple Workflow (SWF), Simple Queue Service (SQS), Simple Notification Service (SNS), Simple Email Service (SES) and Elastic Transcoder. We can take your existing, custom applications, and redesign them to deliver an optimized cloud solution. Alternatively we can develop new applications that are designed to take advantage of all the benefits of cloud infrastructure.

### Re-platform Applications

Apps Associates has been working with clients for many years to build, monitor and administer their on-premises and cloud-based applications. Apps Associates' AWS certified solution architects and application developers have the experience to help you migrate and deploy applications to the cloud and take full advantage of the benefits that cloud offers such as scalability, agility and reduced costs.

### Re-Architect Applications

Apps Associates can help you to modernize your old mainframe or UNIX based applications and migrate them to the cloud. When you re-architect for the cloud, you can provide high availability and scalability to meet peak demand. Modernizing your applications and decoupling the user-interface from the application architecture, enables your users to employ a variety of devices including smartphones, tablets and laptops.

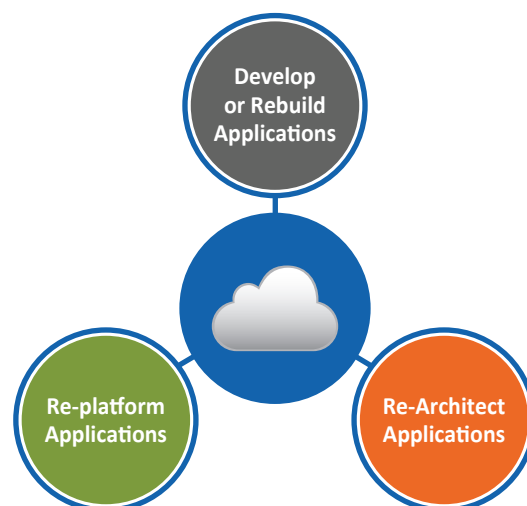


Fig1: Apps Associates Services for Custom Cloud Applications

## An AWS Platform for Your Applications

- **Scalable Infrastructure:**

With your applications deployed on Amazon EC2 (Elastic Compute Cloud) you can add or remove anything from a single server instance to thousands of server instances to meet your users' needs. You can define user response criteria based on your business needs and AWS Auto Scaling will adjust your compute capacity automatically. AWS elastic load balancing that shares workloads evenly across server instances together with Auto Scaling enables you to scale your applications to meet the demand of any number of users.

- **Platform Compatibility:**

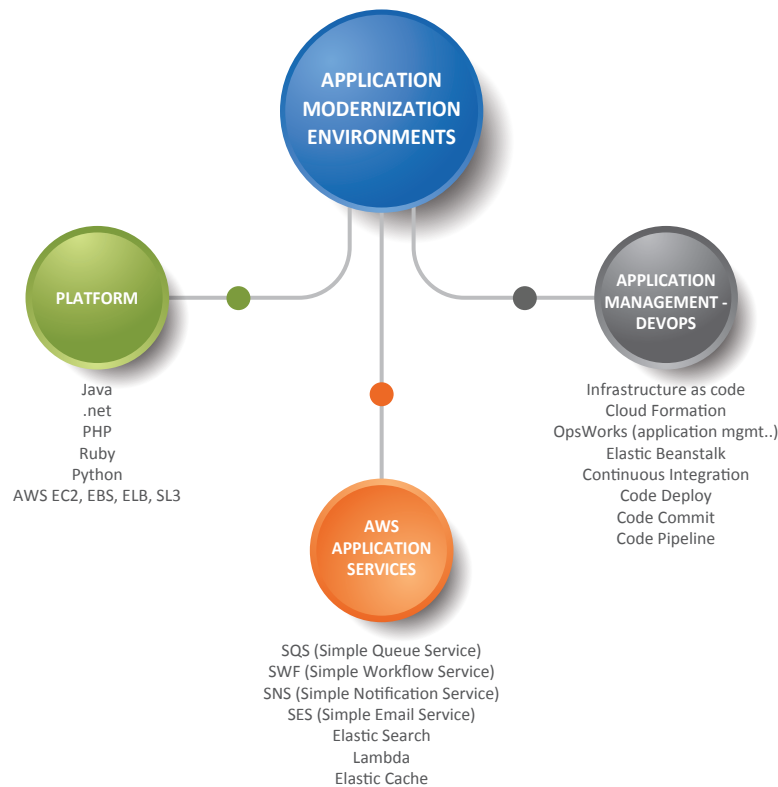
AWS supports a variety of operating systems, development platforms and databases so you can move your existing applications to the cloud. Customers can choose the operating system, database and programming language that suits their needs.

- **Security:**

AWS is a secure platform with various industry recognized compliance certifications e.g. SOC 1 Type 2, ISO 27001, PCI DSS, FISMA Moderate, HIPAA, and ITAR compliant controls. You have full control over your data and you can encrypt data at rest and in transit just as you would in your own data center. AWS provides Virtual Private Cloud (VPC) with logical isolation for your workloads from those of other AWS customers.

- **Cost:**

You only pay for what you use. You can avoid upfront capital expenditure and cloud scalability enables you to increase or decrease resources as demand grows or shrinks resulting in significant savings. You can also save time and resources required for infrastructure planning, purchasing and provisioning.



## ABOUT APPS ASSOCIATES

Apps Associates is a global IT and business services organization that provides solutions for Cloud, Analytics and Integration. Our mission is to partner with customers to enable business improvement by streamlining business processes using advanced technology. We innovate by constantly launching new services and solutions and we differentiate through our relentless attention to delivery excellence and customer care.



### OUR STRATEGIC PARTNERS



North America (HQ)

Europe

Asia