



virtusa

Cloud-enable your Pega platform

Time to Modernize with Amazon Web Services (AWS)

Pega customers in their hundreds and Pega apps in their thousands are now rushing to move to cloud vendors of their choice. As Pegasystems' oldest engineering partner we have a unique perspective of the Pega technology. We combine the expertise gained from over 15 years of helping develop the Pega platform and strategic partnership with the world's leading cloud services provider AWS.

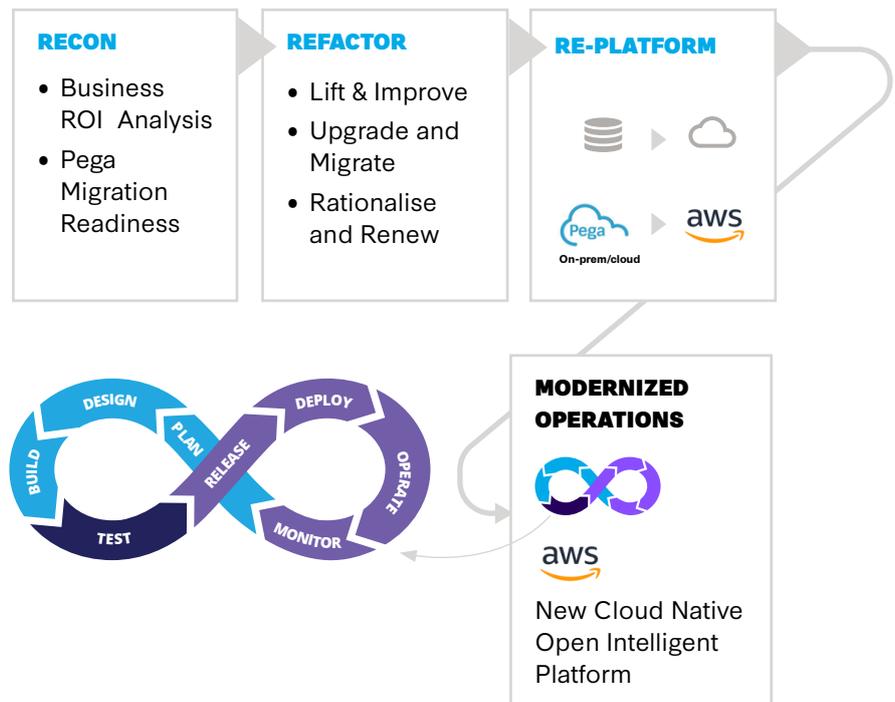
Virtusa's Pega Cloud Migration offering in collaboration with AWS enables large scale migration of applications quickly and carefully to AWS. The integrated tools and services help clients capitalize on the increased agility, lower operating expenses, higher productivity, and faster time to market of new customer experiences, all while radically changing how their customers interact and do business with them through new Pega functionality. Our strategic cloud partnership with AWS can significantly lower the cost of migration so that, in some cases, the migration becomes self-funding, based on the operational savings realized within the first 12 months after migration.

Our approach to Pega modernization

We provide a comprehensive suite of solutions, services and tools to move your existing Pega applications into a modernized, fully integrated Platform-as-a-service (PaaS) cloud environment. This approach will enable not just a reinvigorated Pega application set but will develop an integrated business strategy across all systems in your ecosystem.

Virtusa's Triple-R methodology

Recon, Refactor, Replatform, is used to assess the business drivers and ROI model for cloud migration. We identify the tools and process to assess the customer application, develop a business capability roadmap and align that with the technical roadmap for migrating application sets into AWS cloud platform.



Support for every stage of your cloud migration

Advisory Services

- Cloud ROI Analysis
- Cloud Readiness Review
- Migration Strategy Services
- Data Services for Cloud
- Performance Management

Execution Services

- Cloud Migration to AWS
- Cloud Maintenance
- Managed Cloud Services

Why Pega on Amazon Web Services

We recommend Amazon Elastic Kubernetes Service (EKS) to deploy and maintain Pega applications. EKS is the premier microservice-enabled, fully managed service to run containerized applications, efficiently. It provides an evergreen platform for applications enabling auto upgrades, patching, and self-healing features. Pega applications are developed in an agile fashion and EKS provides the foundation for continuous integration/continuous development pipelines with AWS DevOps solutions, Amazon Elastic Container Registry (ECR), AWS Identity and Access Management (IAM) and Amazon CloudWatch Monitoring. EKS offers enhanced protection to businesses by enabling administrators to tailor access for individual identities and group identities via AWS IAM. The application can be scaled at speed and on-demand in a pay-as-you-use model for computing resources.

For customers with an already established AWS infrastructure we will ensure alignment, and handle integration and updates, where necessary, to setup a Control Plane in accordance with Security & Compliance controls requirements in the following areas:

- Network (Connectivity, Accounts, VPC, WAF, load balancer, Subnets)
- Security (platform, network, application, database, encryption, key management)
- Access (IAM, authentication and authorization)
- DevOps (repository, CloudFormation, pipelines, infrastructure as code)
- Cloud Management (policies, tagging, usage, logging & monitoring)

Key Benefits of Pega on Amazon Web Services

Security and compliance

Protect your data with ease using AWS's strong encryption methods, AWS Key Management Service, AWS Security Hub, AWS Secrets Manager, AWS Systems Manager, AWS Trusted Advisor, AWS GuardDuty, AWS Config and AWS IAM.

Enterprise-grade resilience

Achieve enterprise-grade resilience at 99.99% SLA by designing solutions based on AWS Well-Architected framework.

Global-scale

Optimize for the best UX and meet local data residency requirements as AWS, supporting 73 Availability Zones within 23 geographic regions around the world, has the largest and most dynamic ecosystem among cloud providers.

Lower TCO

Reduce your TCO by up to 70% in development and test environments while cutting costs by at least 60% compared to traditional, on-premises storage systems.

On-demand and scalable

Leverage AWS's pay-per-use model to scale according to your needs with compute resources on demand. Avail AWS's purpose-built Elastic Compute Cloud (EC2) instances that can support large memory implementations.

Why Virtusa

Pega turns to Virtusa every time there is something really complex that needs to be made simple for a customer. We've transformed thousands of Pega applications and have successfully delivered many large cloud migration projects. We are known for our engineering expertise and long-standing partnership with Pega, including being a core part of their engineering teams. We bring unparalleled expertise to transform your Pega applications and deliver quick wins and position the modernized applications for greater ROI.

Whether you are moving the world's largest single Pega application to the cloud, or consolidating 20+ different Pega environments into a new enterprise cloud platform, or splitting Pega applications out of a monolithic architecture into an agile containerized, SaaS based cloud platform, Virtusa has the experience to find the right path for you to make the transition and deliver the business ROI necessary to make the journey self-funding within 12 months.

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"Simple can be harder than complex: You have to work hard to get your thinking clean to make it simple. But it's worth it in the end because once you get there, you can move mountains."

- Steve Jobs

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Success stories with Pega and Amazon Web Services



Migration of On-prem Pega applications to AWS cloud for a leading bank in Australia. Resulting in faster application release and 40% cost savings.



Upgrade and Migration of Pega Cloud hosted applications to AWS Cloud for a large Healthcare Payer in the United States. Enhanced application support and 45% cost savings.



Implemented largest AWS migration to eliminate half of the data centers & reduce 45% of IT costs for a large American mass media and publishing company.

For more information, please visit www.virtusa.com or email marketing@virtusa.com

About Virtusa

Virtusa Corporation (NASDAQ GS: VRTU) is a global provider of digital business strategy, digital engineering, and information technology (IT) services and solutions that help clients change, disrupt, and unlock new value through innovation engineering. Virtusa serves Global 2000 companies in Banking, Financial Services, Insurance, Healthcare, Communications, Media, Entertainment, Travel, Manufacturing, and Technology industries.

Virtusa helps clients grow their business with innovative products and services that create operational efficiency using digital labor, future proof operational and IT platforms, and rationalize and modernize IT applications infrastructure. This is achieved through a unique approach blending deep contextual expertise, empowered agile teams, and measurably better engineering to create holistic solutions that drive business forward at unparalleled velocity enabled by a culture of cooperative disruption.

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