

Cloud modernization with Virtusa and AWS

**Transform legacy systems, accelerate business innovation,
and reduce costs with Virtusa's AWS cloud modernization solutions**

Why modernize now?

As enterprises look to optimize digital strategies, cloud modernization is the cornerstone of scalable, cost-effective, and innovative IT solutions. Today, businesses face new challenges and opportunities:

- **Move from lift-and-shift to modernization:** Over 70% of organizations are exploring AI-driven engineering and automation solutions. As a result, organizations seek a holistic approach to modernize applications and databases, to enable more intelligent and scalable operations.
- **Multi-cloud and hybrid-cloud adoption:** As license and infrastructure costs rise, most enterprises are exploring multi-cloud strategies to maintain flexibility, cost efficiency, availability, and regulatory compliance.

Modernization helps businesses overcome these challenges by reducing technical debt, enhancing productivity, and preparing applications for future advancements.

Virtusa's cloud modernization pathways

Virtusa's end-to-end Cloud modernization solution empowers enterprises to revitalize their legacy systems on AWS. Our structured approach offers targeted modernization pathways to drive innovation, reduce operational costs, and enhance agility. Key pathways include:



Business transformation strategy and advisory

Strategic planning through readiness assessments, FinOps guidance, and security-first approaches to align cloud modernization with business goals.



Application and database modernization

Re-platform, containerize, and decouple monolithic systems into microservices using AWS-native technologies for cloud-native and serverless deployments.



AI & genAI integration

Enable data-driven insights, search capabilities, and application enhancements using AWS AI and genAI solutions, transforming operations with data lifecycle management and AI-assisted engineering.



Data modernization and cloud-native development

Unlock data as a product with self-service BI and data marketplaces, leveraging AWS's advanced analytics, data engineering, and modernization tools.

Why Virtusa? A proven Cloud modernization partner



Trusted partner to fortune 500 clients

Virtusa has successfully modernized complex infrastructures for over 50 Fortune 500 clients, delivering substantial cost savings and productivity improvements.



Value-driven, outcome focused solutions

Virtusa's solutions ensure clients see real, quantifiable value—achieving up to 40% faster application delivery and 30% savings on cloud consumption costs through optimized operations.



Specialized modernization tools and frameworks

Our in-house, cloud-native, and partnered tools, like CloudGenie, TF Studio, CloudHedge, and Helio Enhance, reduce technical debt, streamline modernization, and ensure an agile transition to AWS.

Advanced modernization framework and accelerators

Virtusa's modernization framework is accelerated by exclusive tools that automate and optimize each step of your cloud journey:

- **Helio enhance:** AI-powered modernization suite for ideation, legacy refactoring, and continuous improvement, bringing agility and cost efficiency to modernization.
- **Virtusa Hive assets:** Cloud-native assets for strategy assessment, containerization, infrastructure provisioning, and automation, accelerating end to end migration and modernization efforts.

Virtusa and AWS partnership

Virtusa's long-standing partnership with AWS drives impactful cloud solutions that align with modern business demands. As an AWS Partner for over eleven years, Virtusa brings industry-leading experience in AWS with deep infrastructure and app innovation capabilities. Highlights of our partnership:

- Recognized in 2022 as the "Global Industry Partner of the Year" and "Global Data and Analytics Partner of the Year"
- 2 SCA (Strategic collaboration agreement) Agreements with AWS
- Preferred Member of AWS DB Freedom Program
- 8 AWS Competencies – MSP, DevOps, Data and Analytics
- Proserv partner since 2018

Success stories: Cloud modernization in action

- Modernized enterprise applications and achieved a 50% cost savings for a global leader in customer engagement.
- Shifted monolithic applications to microservices on AWS Cloud, reducing operational expenses and license debt and improving performance efficiency by 10% for a UK-based telecom giant.
- Redesigned and rewrote critical applications on AWS, improving application performance and user experience by 60% for an enterprise financial customer.
- Accelerated time-to-market for PSP applications using a cloud-based microservices containerized platform, resulting in a 35% savings for a leading European bank.

Take the next step with Virtusa, evaluate your cloud readiness.

Start with Virtusa's comprehensive 5-phase assessment to ensure your modernization strategy is on the right path.