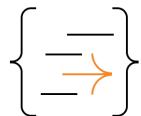


Fast-track your cloud migration with architectural modernization

Transform legacy Java and .NET applications into scalable microservices for AWS – powered by vFunction's AI-driven architectural modernization.

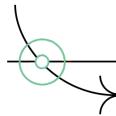


Key benefits



Accelerate app modernization

Visualize and break monoliths into modular, cloud-native services **up to 15x faster** than manual efforts using static and dynamic analysis combined with data science.



Automate architectural refactoring

Generate architecture-aware prompts to guide code assistants like **Amazon Q Developer** in simplifying god classes, removing dead code, and untangling circular dependencies.



Access fully funded modernization

Transform and migrate apps from on-prem, EC2, VMs, or containers to AWS Lambda, EKS, and ECS with Fargate—using vFunction licenses funded through AWS programs.

Successful cloud migration requires app modernization

Manual refactoring of legacy systems is slow, risky, and expensive. And successful cloud migrations depend on more than infrastructure changes or framework upgrades—they require modularization and architectural modernization.

vFunction automates and accelerates this process by combining static and dynamic analysis with data science to provide architectural context to GenAI code assistants like Amazon Q to automatically fix anti-patterns, modularize code, and extract services from your monolith.

Move faster, reduce risk, and modernize with precision to drive better outcomes on AWS with vFunction.

"vFunction addressed a critical need for us to take our thousands of enterprise applications and modernize them through the use of an extremely powerful automated platform. The great advantage of vFunction is that the same transformation activity carried out manually would involve a high cost in terms to time and resources."

— **Flavio Fasano, Senior Solution Architect,**

INTESA SANPAOLO

[Read the Case Study](#)

vFunction / AWS integration highlights

Architectural intelligence for Amazon Q Developer

vFunction generates high-precision GenAI prompts to guide Amazon Q Developer in cloud-native code refactoring with architectural context.

Seamless integration with AWS services

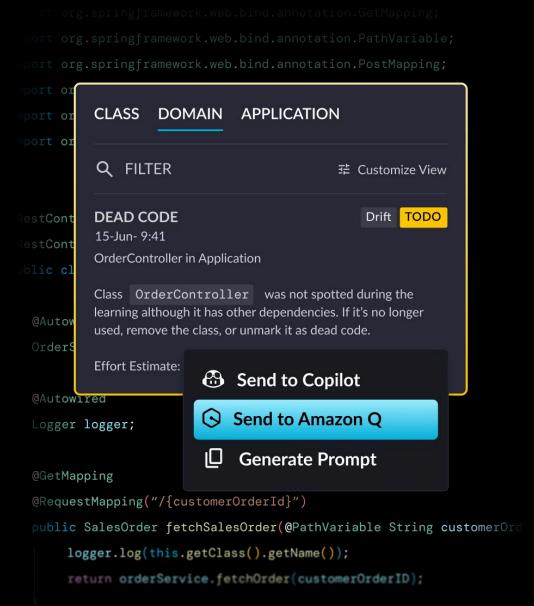
Transform legacy applications to fit advanced AWS-native platforms like Lambda, EKS, and ECS with architectural modernization by vFunction.

Accelerated, fully funded modernization

vFunction partners with AWS to reduce risk at every stage, from POC to full license coverage, through programs like the [ISV Tooling Program](#) for qualified customers.

Available on AWS Marketplace

Easily deploy and procure vFunction through [AWS Marketplace](#) to unlock funding benefits, simplify procurement, and reduce time to value.



Use Cases



Cloud migration

Decompose monoliths into modular, cloud-native services optimized for AWS scalability, resilience, and performance.



Refactor and rearchitect

Resolve architectural debt with AI-powered guidance and eliminate inefficiencies before or after migration to fully leverage AWS services.



Continuous modernization

Accelerate modernization across your Java and .NET portfolios with an automated, iterative factory approach tailored to cloud targets.



Avoid vendor lock-in

Migrate .NET/Java VMware-based applications to AWS and open source technologies for improved portability, performance, and deployment flexibility.

Why vFunction for AWS

Modernize up to 15x faster, at one-third the cost, and with 90% less risk than manual refactoring. vFunction is an [AWS Migration & Modernization Software Competency Partner](#) recognized for its leadership in transforming complex, brownfield applications to high-performing cloud-native services. Through its AI-powered platform, vFunction accelerates cloud readiness, supports AWS migration strategies, and helps enterprises maximize agility, efficiency, and performance in the cloud.

Get Started

Explore how vFunction can accelerate your AWS modernization journey. Visit our [AWS Solution Page](#) or contact us to learn more.