

# Application Modernization



Elevate your existing applications and unlock the power of cloud native development.

Early approaches to cloud adoption focused on infrastructure and application migration, with very little attention to the underlying code. While the cloud delivered the benefits of elasticity and scale, its full benefit can't be unleashed without application modernization.

Cloud native application development allows you to unlock the full potential of running applications in the cloud. If you're hindered by the complexity of public cloud technologies and modern architectures, we're here to help with guidance and support for reengineering your applications and updating your workflows. With specialization in .NET to .NET Core, cloud native SaaS platforms and a proven framework for monolith to microservices decomposition, we're ready to help you maximize the agility, reliability and cost-saving benefits only the cloud can deliver.

## Modernization Strategies

There is no one-size fits all pathway to application modernization. Our architects will assess your applications and infrastructure in the context of your business goals and your team's strengths to determine which combination of cloud technologies and architectural patterns will best fit your long-term roadmap:

**Container adoption:** Build self-healing, auto-scaling applications unchained from the limitations of servers using Google Kubernetes Engine. When serverless isn't an option, containers are the preference for deploying modern, complex and distributed applications. Containers often require minimal changes to the application, making them the perfect evolutionary step when significant refactoring isn't appropriate.

**Cloud native replatforming:** Cloud native architectures offer the highest efficiency and cost benefits of the cloud by pushing nearly all infrastructure and software management to the platform. Develop and run applications anywhere with speed, using cloud native technologies like Anthos and Apigee. Incrementally modernize your application by adopting managed platform services as drop-in replacements for databases (including Cloud SQL, Cloud Spanner, BigQuery, and Cloud Bigtable), messaging, API management, logging, monitoring, alerting and more.

## Key Features

**.NET to .NET Core:** Eliminate pricey Windows licenses by leveraging containers and serverless technologies in your legacy applications. After performing a thorough audit of your codebase and application architecture, we'll recommend and execute on a strategy to refactor your legacy .NET applications to .NET Core.

**Monolith to microservices:** A key tenant of a modern application is organizing it into logical services that can be developed, scaled and deployed independently while giving service teams the freedom to choose the appropriate technologies for their needs. Our experts can accelerate your effort to break up your existing monoliths by applying proven techniques to incrementally refactor your application without requiring years of investment or stopping new feature development.

## About Rackspace Technology

Rackspace Technology® is your trusted partner across cloud, applications, security, data and infrastructure.

- 3,200+ certified technical experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 120+ countries
- 500+ Google Cloud certifications
- Google Cloud First Managed Services Partner
- Three-time Partner of the Year
- Eight Google Cloud Expertise Designations

## Fanatical Experience®

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace Technology combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.

**SaaS-ify legacy applications:** Users are demanding an application experience that is available anytime, anywhere and constantly updated without the need to manage and run software. By refactoring your legacy desktop, on-premises and single-tenant applications to be delivered in a web and mobile SaaS model, you can reach these users while improving your product and reducing your operating costs and complexity. We can guide and accelerate your SaaS journey with our unique experience in building and refactoring SaaS applications in the cloud.

## Approach



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## Take the Next Step

Let's talk about how Rackspace Technology expertise helps you achieve your goals.

1-800-961-2888  
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