

Legacy Systems Assessment for Google Cloud Platform



Maximize the agility, reliability and cost-saving benefits of Google Cloud.

Early approaches to cloud adoption focused on migrating applications and infrastructure, without much consideration for changing code or architecture. While these migrated workloads sometimes benefitted from the elasticity and scale of the cloud, unlocking maximum value requires modernizing the application and architecture through cloud native development.

Many companies working toward application modernization are blocked by the complexity of public cloud technologies, modern architectures and the new processes and development workflows that come with them. With a Legacy Systems Assessment, we'll help you overcome:

- A sprawling cloud estate that hasn't been updated to take advantage of cloud benefits
- Knowledge gaps and the lack of resources required to update legacy systems to modern architectures
- Ineffective roadmaps with a new strategy to transform your application estate to a Google Cloud Platform™ native architecture

Experts Dedicated to Your Success

With deep expertise in Google Cloud native development, Rackspace Technology will help you re-engineer your legacy applications to maximize the agility, reliability and cost-saving benefits of the Google Cloud Platform.

Key Benefits & Business Outcomes



Deep discovery of the extent and maturity of your applications and a plan to move them to modern architectures



In-depth training of Google Cloud Platform native architectures specifically related to your applications



A clear, defined roadmap aligned to your business objectives for transforming your estate

Deliverables

We collaborate with your team to evaluate your application portfolio and provide recommendations for a pilot application to modernize, along with backlog, roadmap and cost estimate for modernization efforts. This five-day assessment includes:

About Rackspace Technology

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

- 2,600+ certified technical experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 120+ countries
- First Premier Managed Service Partner
- Three-time Partner of the Year
- Three Google Cloud Specializations
 - Infrastructure
 - Cloud Migration
 - SAP on Google Cloud
- Eight expertise designations
 - SAP
 - SAP on Google Cloud
 - Google Cloud Databases
 - Modernize Legacy Apps
 - App Development & Monitoring
 - Google Cloud Compute
 - VM Migration
 - Data Warehouse Modernization
- 400+ Google Cloud Platform experts

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.

Modernization Strategies

Each pathway to modernization is different. 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:

- **Serverless refactoring:** Build self-healing, auto-scaling applications, unchained from the limitations of servers. Serverless architectures offer the highest efficiency and cost benefits of the cloud by pushing nearly all infrastructure and software management to Google Cloud Platform.
- **Container adoption:** 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.
- **Google Cloud native replatforming:** Incrementally modernize your application by adopting managed platform services as drop-in replacements for databases, messaging, API management, logging, monitoring, alerting and more.

Discovery Session

We'll conduct a joint whiteboarding session where we'll review your application portfolio, technology landscape and architectures, as well as current development processes and team skills.

- Evaluate applications against business, functional, technical and cost objectives
- Review application and organizational data needs, including migration requirements
- Understand existing architectural patterns, infrastructure, tools and processes
- Align team skills and fill gaps with modern development processes and technologies

Technology Exploration and Roadmap

Through a collaborative and deliberative process, our team will work with you to develop a modernization roadmap aligned to your business goals.

- Categorize applications by modernization strategies (e.g., replatform, refactor, rewrite or retire)
- Explore target tools, technologies, reference architectural approaches and processes based on applicability to your existing portfolio
- Define a modernization roadmap with a focus on quick wins, building momentum and maximizing ROI
- Identify and scope a target pilot application to serve as a model for a broader modernization effort

Example Timeline for a Portfolio with Three Applications

Note: Actual deliverables and timelines will be prioritized and managed during the project.

	W1	W2	W3	W4	W5
Project Kickoff					
Project kickoff, review, setup					
Identify and get existing application architecture documents					
Identify subject matter experts, point of contacts, communication channels					
Legacy Systems Assessment					
Review existing application portfolio, technology landscape and architectures					
Evaluate applications against business, functional, technical and cost objectives					
Categorize applications by modernization strategies					
List cloud native technologies to be consumed by cloud platform					
Define modernization roadmap					
Identify and scope target application for modernization					
Handover and Transfer Knowledge					

Take the Next Step

Let's discuss how Rackspace Technology can help accelerate your migration.

1-800-961-2888

www.rackspace.com/professional-services