

Cloud Modernization

A dedicated partner to support your cloud modernization

Enterprises are focused on innovation and delivering digital products—not just keeping the lights on. Over the next few years, most plan to move their most critical workloads to the cloud. And, because cloud modernization is an ongoing journey, it is critical to find a partner with the breadth and depth of expertise to help you at each stage in that journey.

These days, migrating to the cloud and modernizing your workload strategy isn't just about cost efficiency. It's about agility. Many enterprises are already in the cloud, typically with cloud-native workloads. Other, generally simpler, legacy workloads may have been "lifted-and-shifted" into the cloud with few material changes. What's left are often mission-critical workloads, virtual machines and data warehouses. These can be complex, expensive and difficult to migrate and modernize. However, with the proper plan and partner, challenges and unnecessary costs can be mitigated or avoided all together. They can help guide you on issues related to people, process and technology. And, you need to understand the impact of migration and modernization, from integration and licensing considerations to the need to refactor, re-platform or re-architect legacy applications for the cloud.

What is Pythian's Cloud Modernization?

Different workloads require different approaches to migration and modernization. That could include a modification to the workload during migration that adopts a cloud-native approach or a rip-and-replace that requires re-writing an application to take advantage of cloud-native services and features.



REFACTOR:

Restructure and optimize the existing code



RE-PLATFORM:

Migrate to a new platform with only minimal changes to the code



RE-ARCHITECT:

Alter the code to a new application architecture



PYTHIAN SOLUTIONS FOR CLOUD

Whether you choose to refactor, re-platform or re-architect, we can help your team take ownership of this effort and set you up for success on your journey of modernization. Our **Cloud Modernization** is a comprehensive offering that enhances your infrastructure and operations, enabling you to take advantage of the flexibility and range of new possibilities offered by cloud environments.

This business-critical infrastructure platform, which includes applications and data environments, can act as a foundation for additional improvements in modernization. We can help you:

- Replace on-premise hardware solutions, consolidating and rationalizing the infrastructure footprint, building in automation and migrating to new and improved cloud native systems.
- Update the infrastructure, architecture and features of existing cloud environments or platforms to adopt best practices and set the stage for rapid digital product development.

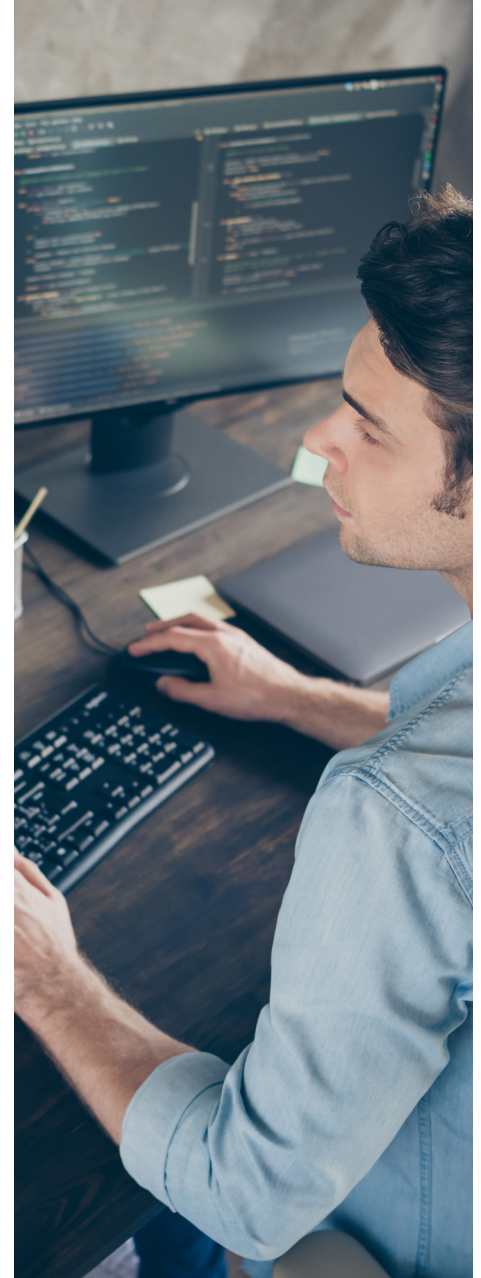
Beyond moving to the cloud, modernization is also about driving ongoing business value through leveraging new cloud capabilities. Pythian can help streamline your modernization by providing relationship-based consulting combined with end-to-end delivery and support capabilities to help you better manage costs and risk, augment your in-house IT skills and migrate or modernize your applications to realize the advantages of a modern cloud environment.

The Pythian Process

We recognize that each workload modernization strategy will have a different evolution. We can help you determine the technical difficulty of modernization and create a roadmap that includes future state architecture, risk, timelines and estimated cloud consumption costs, as well as recommendations for next steps.

We have the expertise to help at every step in the modernization journey. We're a managed service provider with a depth and breadth of competencies and certifications, but with greater agility and flexibility than a global systems integrator. Our team has migrated and modernized hundreds of critical workloads to, from and within public, private, hybrid and multi-cloud environments.

We can help you define a strategy for your hybrid and/or multi-cloud environment with our deep technical, financial and architectural expertise to reduce costs, ease management and, ultimately, create agility.



Highlights

- Modernizing legacy applications using a microservices approach
- Building in automation with new and improved cloud-native systems
- Providing health checks and best practice reviews
- Setting the stage for rapid digital product development

You Can Rely On Pythian

Unmatched breadth and depth of expertise

Your cloud journey requires a broad range of skills and experience enabling and automating platforms for security, scale, observability, and performance. Pythian's 25 years of proven expertise in cloud, automation, security, compliance, cost optimization and modernization strategy puts in place a manageable, secure and cost-effective foundation for innovative, impactful and secure business solutions.

A flexible partner for the entire journey

We'll help you at every point on your cloud and data modernization journey, from strategy development to designing and deploying your cloud or data platform securely at scale across your enterprise. We'll also help you harness the power of the cloud to modernize and automate your platforms and applications, turn your data into insights and predictions, help with governance and security, and keep your data flowing 24 hours per day, 365 days per year.

Exceptional delivery and support

Every cloud and data modernization project has many moving parts. To keep things moving smoothly and efficiently, Pythian has coupled experienced, capable teams of architects and engineers using proven delivery methodologies with an experienced project manager for every project to ensure delivery of the agreed-upon outcomes. Pythian also offers a full range of Managed Services for your AWS, Azure, and/or Google Cloud workloads.

Synergistic services

Pythian's planning, migration and management services are designed to help you leverage the benefits of the cloud quickly while providing various migration solution options. We can deliver a tailored modernization strategy that incorporates future-state architecture, areas of complexity and risk, and estimated cloud consumption costs. We can also perform the migration and ongoing services to manage your workloads in your cloud footprint.

ABOUT PYTHIAN

Founded in 1997, Pythian is a global IT services company that helps organizations transform how they compete and win by helping them turn data into valuable insights, predictions and products. From cloud automation to machine learning, Pythian designs, implements and supports customized solutions to the toughest data challenges.

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Get started with Pythian

To find out more about how Cloud Modernization can work for you, email us at info@pythian.com to get started.



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