

# PYTHIAN SOLUTIONS FOR GOOGLE CLOUD PLATFORM

Most businesses today understand the value of cloud infrastructure: spend less, manage less, adapt faster, and scale with ease. But what about a cloud platform—one that puts not only infrastructure, but also the data warehousing and machine learning power of Google at the disposal of your enterprise? What could you expect from it, and how would you put it to work for you?

Pythian can help answer those questions as a trusted Google partner. Our certified Google Cloud Qualified Developers, cloud operations and big data experts have the knowledge and experience to plan, implement, and manage your migration to Google Cloud Platform—so you can fully tap into the potential of this unique cloud offering.

[www.pythian.com](http://www.pythian.com)



Pythian

# PYTHIAN SOLUTIONS FOR THE GOOGLE CLOUD PLATFORM

Google Cloud Platform is open, secure, and rich with powerful tools. Yet its very openness—and everything you can do with your data after you migrate—can sometimes leave organizations wondering where to start, or how to get from A to B. Based on your goals and your current data environment, we'll help you define a strategy that will deliver value for your business.

With extensive experience in traditional and cloud environments, our migrations are faster and lower-risk than those of cloud-only companies. And with multiple Google Cloud Platform certifications, our team ensures your enterprise takes full advantage of Google Cloud Platform services, including:

- BigQuery
- Bigtable
- App Engine
- Translate API
- Cloud SQL
- Cloud Pub/Sub
- Cloud Storage
- Prediction API
- Cloud Datastore
- Cloud Endpoints
- Cloud Dataproc
- Cloud Dataflow
- Cloud Machine Learning
- TensorFlow

## GET THE MOST OUT OF GOOGLE

### Big data

We provide customized, pay-per-use big data solutions for cloud-scale data processing and storage on Google Cloud Platform—from fully managed Hadoop/Spark infrastructures in Google Dataproc to next-generation big data processing engines using Google Pub/Sub and Dataflow. Our team has expert knowledge of all Google Cloud Platform big data and data analytics services, including Bigtable, BigQuery, Dataflow, Pub/Sub, and Dataproc.

### Advanced analytics

Working closely with your team, we can build models to unlock the value of your data with custom data science and machine-learning solutions using Google Cloud Platform Cloud Machine Learning, TensorFlow, and other tools.

### DevOps

We can help you make use of Google Cloud Platform's application engine, container management, cloud networking, load balancing, and proactive monitoring to configure platform automation and orchestration solutions for high-speed, highly efficient DevOps. We'll also assess your existing IT environment and team capabilities, define an agile application lifecycle, and manage the operational health of your apps and services.

### Data Warehousing

If you're looking to Google Cloud Platform to help manage exploding data volumes and control data-related hardware, licensing, and upgrade costs, we can work with your team to develop a data strategy. We provide data offload to the cloud and data warehousing services using Cloud Storage, Datastore, Bigtable, Cloud SQL, and BigQuery.

# SERVICES BUILT ON EXPERIENCE

Whether you're already in the cloud or considering migration, we can help you assess, implement, and continuously optimize solutions through:

## PLANNING

Using our field-proven methodology, we plan your cloud architecture and technology orchestration in detail for a cloud strategy that is finely tuned to your objectives. Our services include:

- Architecture roadmapping with tested proofs of concept
- Cloud roadmapping
- Data analytics
- A selection of Google Cloud Platform services and technologies
- Agile transformation roadmapping with implementation and transition plans
- Project prioritization for agile execution
- Timeline development and definition of required skills and resources
- Alignment of business goals and outcomes
- Executive technology coaching

## IMPLEMENTATION

Our implementation process includes both building and migration—customizing Google Cloud Platform to your needs and moving your data to it.

Our build services include:

- Google Cloud Platform architecture and technology selection
- Data pipeline building
- Agile migration of architectural changes, software, data, and infrastructure
- Installation and configuration of new technologies and tools
- Cloud solution and platform creation
- Provisioning of Google Cloud Platform services
- Installation and configuration of cloud monitoring

- Automated testing and validation
- High-performance and efficient migrations

Our migration and deployment services include:

- Google Cloud Platform business case
- Google Cloud Platform proofs of concept
- Application migration plan
- Testing and sampling to confirm your migrated data works on Google Cloud Platform
- Detailed automated migration and rollback plans
- Data, server, storage, and services moves to the new platform and infrastructure
- Target application workload deployment

## MANAGEMENT

To ensure you get the most out of Google Cloud Platform, we continuously monitor your solution to control costs and deliver the performance, availability, efficiency, and security you need. Our services include:

- Optimization for performance, availability, velocity, security, and efficiency
- Monitoring and event resolution
- Root-cause analysis
- Advanced automation
- Continuous improvement
- Continuous integration and delivery
- Proactive health checks
- Performance tuning
- Service cost monitoring and improvement
- Capacity planning, security, and availability performance audits
- Back-up and disaster recovery validation and improvement

## YOUR TRUSTED GOOGLE PARTNER

Pythian solutions for Google Cloud Platform help you integrate disruptive technologies, adopt new tools, and apply best practices within your current and planned environment—for rapid, ongoing innovation and on-demand, real-time responsiveness to the needs of your business and your customers.

Drawing on our experience with some of the world's most valuable IT systems, our proven approach helps you reduce risk, control costs, and optimize the performance of your Google Cloud Platform environment. If you're operating in a hybrid cloud model, we can ensure you get the most out of your existing on-premises or private cloud infrastructure while taking advantage of everything Google has to offer.

# THE PYTHIAN ADVANTAGE

## TECHNOLOGY-ENABLED EXPERTS

Our elite technical teams help you use technology to gain a competitive advantage. Transform for speed, automate for efficiency, and maintain operational excellence for security, reliability, and performance.

## AGILE, GLOBAL TEAMS

Pythian hires only top technical talent organized in tightly knit, dedicated teams that are available globally 24 hours a day, seven days a week.

## BEST-IN-CLASS SECURITY

Our advanced, secure service delivery processes provide the industry's best standard of care for our clients.

## FLEXIBLE CONTRACTS

We offer flexible, month-to-month contracts so you are not locked in long-term. You can easily increase, reduce, or cancel your contract with 30 days' notice. Experience the Pythian difference risk-free.



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## ABOUT PYTHIAN

Pythian specializes in designing, implementing, and managing systems that directly contribute to revenue and business success. As a global IT services company, we help businesses adopt disruptive technologies to advance innovation and increase agility. Our highly skilled technical teams work closely with our clients to deliver continuous transformation and uninterrupted operational excellence.

**GLOBAL** | Ottawa, Canada | New York City, USA | San Francisco, USA | London, England | Sydney, Australia | Hyderabad, India

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