✱ PICO | CLOUD SERVICES

Pico supports a wide range of cloud services environments, spanning from virtual to physical, public to private, and hybrid. Engineered to provide the performance, resilience, security and compliance demanded by the financial markets, our clients leverage Pico's actively monitored cloud services on-demand, with agility and flexibility.

- Connect Pico-hosted on-prem environments to public clouds for our clients in the financial ecosystem

- Secure and maintain connectivity to the public clouds, such as AWS, Azure and Google

- Manage compute, storage, data, container and server-less services both on-prem and in the public cloud

Our recent Google Cloud Platform (GCP) Certified Partner status represents Pico's strong technical insight and commitment to supporting our clients with ongoing investment in cutting-edge technology.

PICO SERVICES FOR CLOUD

Private

Our private cloud is built and supported by Pico and utilizes dedicated hardware to meet the security concerns of our clients.

- Highly secure and designed for confidential information

- Flexible connectivity via PicoNet™

- High reliability for critical businesses

- Segregation, transparency and control

- High performance with 24/7 operational support

- Inside financial services ecosystem

Public

Our public cloud utilizes premier fiber providers and brings the controls, capabilities and security to environments which have presented concern. The public cloud includes the build and management of cloud perimeter security and provides industry unique Corvil monitoring of all your cloud VPC traffic.

- Publicly shared

- Best suited for less confidential information

- High scalability

- Pay as you go

- Unpredictable demand

- Outside financial services ecosystem

Hybrid

Our hybrid cloud presents the benefits of public cloud to financial services firms, by providing an extension to on-prem hosted facilities. Major cloud services are offered via secure connectivity including, managed elastic compute, storage, server-less functions and all major cloud services.

- Publicly shared

- Secure

- High scalability

- Bridgeable conduit between public and private cloud

- Inside/outside financial services ecosystem

To learn more about Pico's Private Cloud offering, contact your Account Manager to access Private, Public or Hybrid Cloud Tearsheets.

ON-PREMISE CLOUD NATIVE SERVICES

Pico's partnership with the major public cloud providers allocates for turnkey deployments of public cloud infrastructure within Pico's on-prem data center environments. This brings cloud-native compute, storage, containerization and server-less models to on-prem locations for latency-sensitive or data colocated workloads.

AWS Outpost

- Allows for AWS cloud-native workloads to run inside Pico-managed data center environments

- Standardizes runtime environments across on-prem and cloud environments to ease deployment and management complexity

- Benefits container-based or server-less workloads, via AWS EKS, AWS ECS and AWS Lambda

GKE On-prem

- Permits Google Cloud Platform's Kubernetes Engine (GKE) to run container workloads inside Pico-managed data center environments

- Regulates execution time in systems across on-prem and cloud environments

- Offers elastic runoff of on-prem workloads into GCP

Azure Stack

- Azure's hybrid cloud technology suite

- Enables the use of many Azure features within the context of a Pico-managed on-prem data center environment

- Facilitates services like backup, VMs, containers, Kubernetes, etc.

KUBERNETES-AS-A-SERVICE

Kubernetes are an open-source containerization system that can be run anywhere by using Pico. Clients can ease the adoption of public cloud infrastructure by running cloud-native Kubernetes in our on-prem private cloud. The software can be carried out on the same program, in cloud or on-prem, without change and can easily move workloads from on-prem to cloud and vice versa.
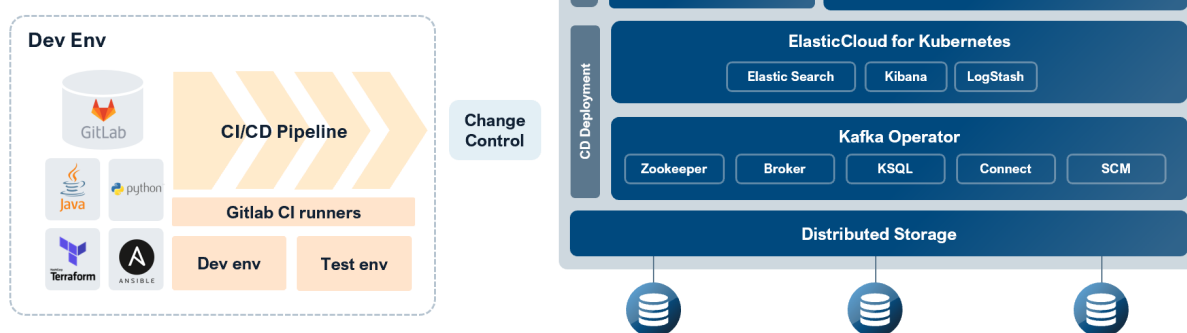
- State-of-the-art CI/CD tooling for deployment of cloud assets into Kubernetes clusters

- Manage Kafka for durable application messaging

- Manage ElasticStack for logs aggregation

- Manage Prometheus stack for cloud-native monitoring, telemetry and alerting

- Run on a non-production infrastructure in the cloud to reduce costs

- Adopt a multi-cloud approach to leverage each public cloud provider according to client's strengths

- Secure commercial leverage

SECURITY

Security is paramount to Pico, which is why we provide an in-depth strategy with a multi-layered approach to secure your information and establish the controls needed to provide a safe and reliable environment.

We utilize industry leading security technologies including Intrusion Detection and Prevention systems, Data Loss Prevention and Security Incident and Event Management systems.

Access

- Encrypted/Private Connectivity
- Boundary Controls
- Access Controls Points
- 2-Factor Authentication

Encryption and Compliance

- Encryption Key Management Solutions
- Compliance (HIPPA, SOX, NYDFS, GDPR considerations)
- TLS, AES-256

Intrusion Detection

- Real-time Security Monitoring
- Intrusion Detection Systems
- Network Security Controls
- Firewalls

Governance and Auditing

- Real-time Alerting and Reporting
- Continuous Scanning
- Full Audit Trails and Logging
- Configuration Controls and Auditing
- NIST Framework

Pico employs a cloud-agnostic approach to managing cloud resource policies which can be customized to specific client needs and applied across multiple public clouds consistently.

To learn more about Pico's Bespoke Policy Enforcement, please contact your Account Manager.