

Modern Infrastructure for Financial Services with Pextra CloudEnvironment®

Simplify Operations. Strengthen Security. Scale with Confidence.

Financial institutions face constant pressure to modernize their infrastructure while maintaining strict security, compliance, and operational uptime. From core banking platforms to fraud detection and digital services, the IT backbone must be reliable, scalable, and secure — without adding unnecessary complexity or cost.

Pextra CloudEnvironment® delivers a simplified, high-performance private cloud platform for financial services, combining compute, storage, and networking with enterprise-grade security and intuitive management. Whether supporting core systems, data-intensive analytics, or client-facing applications, Pextra keeps your infrastructure ready for what's next.

Why Trust Pextra®?

Enterprise-Grade Compute for Mission-Critical Applications

Financial institutions face constant pressure to modernize their infrastructure while maintaining strict security, compliance, and operational uptime. From core banking platforms to fraud detection and digital services, the IT backbone must be reliable, scalable, and secure — without adding unnecessary complexity or cost.

High-Performance, Secure Storage for Sensitive Data

Pextra's cluster-wide storage simplifies data management while delivering low-latency, high-speed access to critical systems — ideal for transactional databases, regulatory records, and customer information.

Simplified Compliance and Policy Enforcement

Support regulatory frameworks like PCI DSS, SOC 2, or GDPR with Pextra's integrated ABAC+RBAC access controls, secure audit logging, and multi-tenant isolation. Easily align your infrastructure with evolving compliance demands.

Optimized for Financial Workloads and Analytics

Deploy data-heavy workloads like fraud detection, risk modeling, or real-time analytics with reliable performance and simplified resource management. GPU passthrough and advanced storage configurations ensure your infrastructure is ready for AI-driven financial services.

Cost-Effective VMware Replacement

In a shifting market, Pextra provides a secure, scalable alternative to legacy virtualization platforms. Minimize licensing costs, avoid vendor lock-in, and modernize at your own pace.

Wherever you're building the future of mobility — Pextra gets you there, faster.

"By using cloud-based banking platforms and a shared legacy approach, [banks] can optimize their architecture to help them win and scale, one targeted segment at a time. By doing so, they can introduce more diverse, customer-centric services while creating a more responsive delivery model—one that can adapt quickly and build sustainable growth now and into the future."

- Bain

"The results of our survey show that adopting cloud is no longer a technology or engineering led decision; it is a key business imperative. Companies are increasingly driving meaningful value from cloud, improving operational resilience, and preparing for the next wave of innovation."

- Stuart Brown, Group Head of Data & Feeds at LSEG



**Simplify Global
IT Operations**



**Reduce Costs and
Avoid Vendor Lock-in**



**Scale with Confidence
across R&D, Production,
and Services**



Stay secure and compliant

Pextra CloudEnvironment® is a next-generation private cloud platform that integrates compute, storage, networking, and security into one easy-to-manage, scalable solution. Our software-defined infrastructure is designed to simplify operations, reduce costs, and give organizations full control over their infrastructure, without suffering from vendor lock-in.

Software-Defined Private Cloud

Built for modern workloads, Pextra delivers scalable compute, reliable storage, advanced networking, and enterprise-grade security — all running on your hardware of choice. Our architecture eliminates silos and complexity, making it easy to deploy and manage infrastructure for demanding applications.

Simple, Unified Management

Everything in your private cloud is managed through an intuitive web interface and CLI, with rich API integrations available for automation and custom workflows. Deploy, monitor, and scale your environment without the overhead of legacy systems.

High-Performance Storage

Pextra provides fast, reliable storage through cluster-wide abstractions, delivering high I/O performance for databases, file shares, media workloads, and more. Storage is configured on a per-cluster basis to simplify operations while maximizing efficiency.

Advanced, Secure Networking

Our platform features a programmable, high-throughput networking stack built on Open vSwitch, with integrated L4 firewalls and workload isolation. Easily connect datacenters, secure internal traffic, and segment applications with confidence.

Enterprise-Grade Security & Compliance

Pextra is built with security in mind — supporting multi-tenant deployments, role-based access controls (RBAC/ABAC), secure audit logging, and policy enforcement. Our platform is designed to meet industry security standards and help organizations stay compliant.

AI-Ready & Hardware Flexible

Whether running AI training, virtual machines, or critical applications, Pextra's distributed design supports GPU passthrough and hardware paravirtualization — giving teams full control over their infrastructure performance.

Minimal Vendor Lock-In

Pextra is built on open-source technologies, ensuring transparency, flexibility, and freedom to adapt. Migrate workloads, scale infrastructure, or integrate with your preferred tools — without proprietary constraints.

Ready to Get Started With Pextra?

To learn more about how Pextra can drive your private cloud infrastructure, visit www.pextra.cloud/cloudenvironment/, or contact our sales team at sales@pextra.cloud. To get a free evaluation license, visit our website and click on [Get Started](#).



www.pextra.cloud | sales@pextra.cloud

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