# Power Your Gaming Infrastructure with Pextra CloudEnvironment®

### Fast, Scalable, Secure — Infrastructure Built for Modern Game Development and Live Services

The gaming industry moves fast — from development cycles to global launches to always-on live services. Studios, publishers, and interactive media companies need infrastructure that scales with player demand, accelerates development pipelines, and keeps critical services online — without draining resources.

**Pextra CloudEnvironment® simplifies private cloud management for gaming and interactive entertainment**, combining scalable compute, high-performance storage, and secure networking into one intuitive platform — so your teams can focus on creating, delivering, and growing.

## Why Choose Pextra®?

### High-Performance Compute for Development and Live Ops

Run game builds, backend services, and live infrastructure on distributed, scalable compute clusters. Keep dev teams productive and live platforms responsive — even during peak demand.

### Reliable, High-Speed Storage for Game Assets and Builds

Store source files, large assets, builds, and production data with Pextra's cluster-wide storage. Fast, dependable access keeps your pipeline moving and reduces bottlenecks in development and deployment.

### Scalable Infrastructure for Global Launches and Live Services

Easily scale infrastructure for new game launches, content updates, or live service expansions. Pextra's distributed architecture ensures smooth operation, even under sudden player spikes.

### Secure, Programmable Networking for Multiplayer and Dev Teams

Support secure connections between global development teams, live servers, and multiplayer infrastructure. Segment environments, manage traffic, and protect your IP and player data.

### Optimized for Game Dev Workflows and Testing Environments

Quickly spin up virtual environments for testing, QA, and staging with simple management tools and integrated APIs — so your teams stay focused on delivery, not infrastructure.

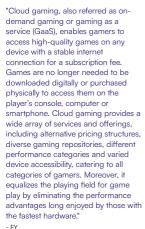### No Lock-In, Full Creative Control

Pextra's open, flexible architecture eliminates expensive licensing constraints — giving your studio freedom to adapt, expand, and evolve without vendor restrictions.

**From concept to launch to live operations — Pextra CloudEnvironment keeps your infrastructure simple, secure, and ready to scale, so you can focus on building incredible player experiences.**

**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.

**pextra**