Everpure

Everpure Cloud Dedicated

Simplify your cloud storage with a unified data plane.

Running applications across a mix of environments is no longer a goal—it's the reality. But managing data across on-premises, public cloud, and everything in between has introduced a new set of challenges: fragmented control, rising costs, inconsistent protection, and stalled migrations.

Everpure™ Cloud Dedicated gives enterprise IT teams the consistency, visibility, and resilience they need to run their hybrid cloud like a single, unified environment. Built on the same software that powers our industry-leading on-premises storage, this portfolio extends enterprise-grade data management into the cloud—with the flexibility to run as a fully managed service or a customer-operated solution.

About the solution

Everpure Cloud Dedicated delivers enterprise-grade block storage with a consistent experience across public cloud and on-premises environments. Built on the same Purity operating system that powers our industry-leading on-premises solutions, these services bring enterprise-grade data management—including always-on data protection, industry-leading efficiency, and unified management—to wherever your workloads run.

Everpure Cloud Dedicated can be deployed as a customer-managed solution in both AWS and Azure.

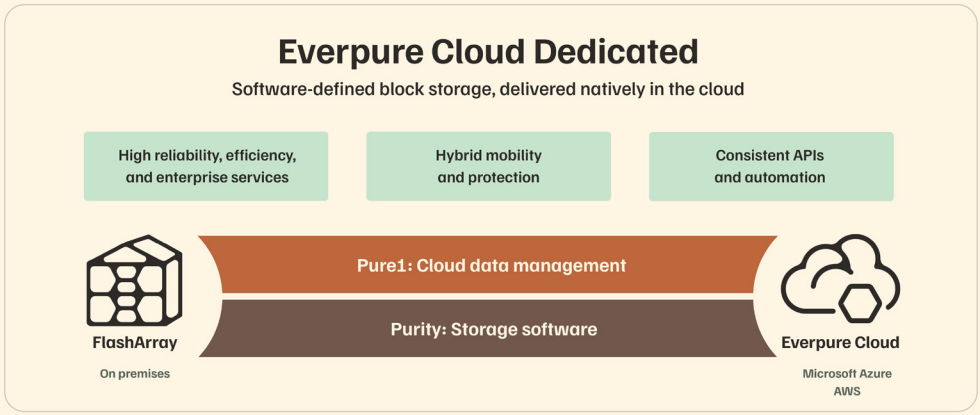

FIGURE 1 Everpure Cloud Dedicated extends the benefits of Everpure advanced data services to the public cloud.

Build your Enterprise Data Cloud

Extend the Everpure Platform to the cloud for a seamless, unified experience.

Optimize costs

Shrink storage footprints by up to five times, cutting cloud storage costs by up to 50%.

Enterprise-grade data management

Get advanced data services and enterprise-grade protection with immutable snapshots, ActiveDR™, copy data management, and more.

All the benefits of Everpure—now in the cloud

With seamless integration across cloud-native virtual machines (VMs) and managed VMware services, Everpure Cloud Dedicated helps extend your Enterprise Data Cloud into the public cloud so you can modernize infrastructure, accelerate innovation, and stay in control.

Everpure Cloud Dedicated helps IT teams solve four major cloud challenges:

- **Unified data management:** Gain a unified view of your data across every environment with centralized monitoring and policy-based governance. Built on the Purity operating system, Everpure Cloud Dedicated delivers the consistency and efficiency needed to simplify management at scale.
- **Data protection:** Eliminate risk with built-in replication, ransomware protection, and enterprise-grade recovery—standard in every deployment. Always-on encryption, immutable snapshots, and copy data management enhance security without adding complexity or requiring manual intervention.
- **Data mobility:** Move data seamlessly between on-premises and cloud environments and reduce egress costs without refactoring data or increasing operational risk, enabling faster migrations and more agile hybrid strategies.
- **Cost efficiency:** Shrink your storage footprint with 5:1 data reduction, reduce overprovisioning, unlock predictable pricing across environments, and cut cloud storage costs by up to 50%. Reclaim budget from storage costs and reinvest in cloud innovation that drives your business forward.

Same software. Same services. Consistent experience—from on-premises to public cloud.

Optimize cloud costs without compromise

Controlling costs in the cloud isn't just about paying less—it's about eliminating waste, increasing efficiency, and gaining flexibility to shift spend where it matters most. Everpure Cloud Dedicated is built to do exactly that.

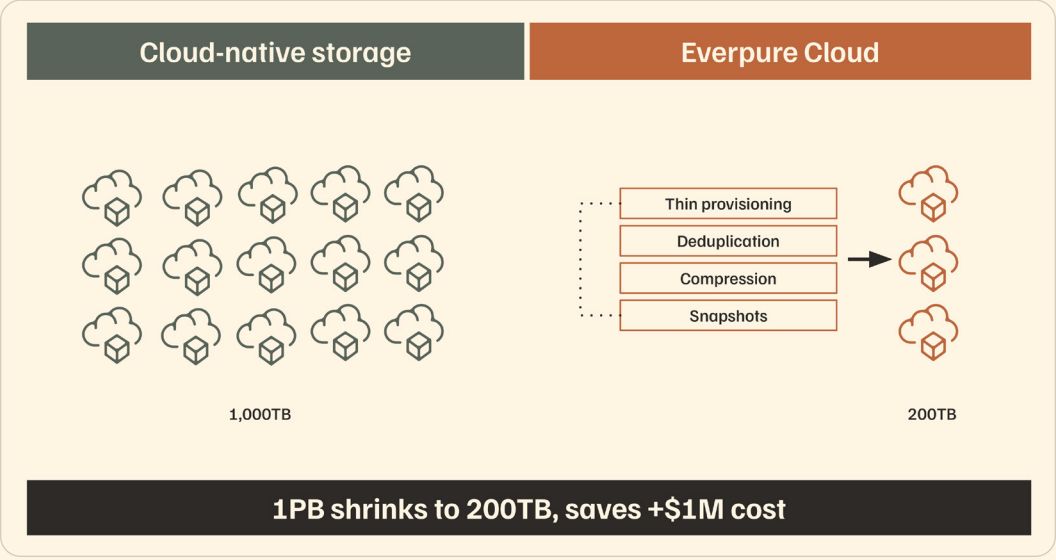

FIGURE 2 Everpure Cloud Dedicated data reduction technology decreases storage costs in the cloud.

- **Shrink your footprint:** Optimize cloud-native workloads relying on block storage—including Azure VMs and Amazon EC2 or Azure Kubernetes Service and Amazon Elastic Kubernetes Service via PX-CSI. Industry-leading data reduction and thin provisioning reduce cloud storage usage by up to five times, helping customers cut storage bills by up to 50%.
- **Eliminate overprovisioning:** Dynamic scaling and policy-driven management eliminate the need to buy—and pay for—more capacity than you actually use.
- **Maximize budget flexibility**: Evergreen//One™ subscriptions give you the freedom to reallocate spend between on-premises and cloud environments as your needs evolve.
- **Avoid hidden fees:** Efficient replication and compression help minimize ingress/egress charges, especially for backup and disaster recovery use cases.
- **Right-size your VMware deployments:** With support for both Azure VMware Solution (AVS) and Amazon Elastic VMware Service (EVS), scale storage and compute independently to avoid overpaying for bundled resources.

With Everpure, cost efficiency isn't a trade-off—it's built in.

Advanced data services in the cloud

Beyond cost savings, Everpure Cloud Dedicated delivers the full suite of advanced data services and capabilities that enterprise-grade applications demand, including:

- **Purity operating system:** One platform for cloud and on-premises environments, delivering consistent performance, reliability, and data services.
- **Data reduction and thin provisioning:** Slash cloud storage costs by up to 50% with inline deduplication and compression.
- **Immutable snapshots and ActiveDR™:** Meet the strictest recovery point objective (RPO)/recovery time objective (RTO) goals with enterprise-class protection and instant recovery.
- **Seamless data replication and migration:** Move between FlashArray™ and cloud environments.
- **VMware support:** Enables efficient, cost-optimized VMware migrations with independent scaling of storage and compute for both Azure VMware Solution and Amazon Elastic VMware Service.
- **Kubernetes support:** Provided via the Portworx® Container Storage Interface (PX-CSI).
- **Multi-AZ deployment architecture:** Ensures high availability and fault tolerance.
- **Cross-region replication:** Simplified disaster recovery planning and execution.
- **Consistent performance:** Low latency, even under load or failure scenarios.
- **Flexible pricing:** Choose pay-as-you-go, reserved, or subscription-based models.

Power your most demanding workloads in the cloud without sacrificing security or control.

A critical part of the Everpure Platform

Everpure Cloud Dedicated is a foundational component of the Everpure Platform, our solution for reducing risk, removing the uncertainty and complexity of long-term storage planning, and helping transform IT operations to a straightforward, secure, as-a-service platform. It distinguishes itself from traditional storage options by streamlining infrastructure, delivering unmatched reliability, increasing agility, and consistently reducing costs—key advantages that drive IT transformation and enhance business outcomes.

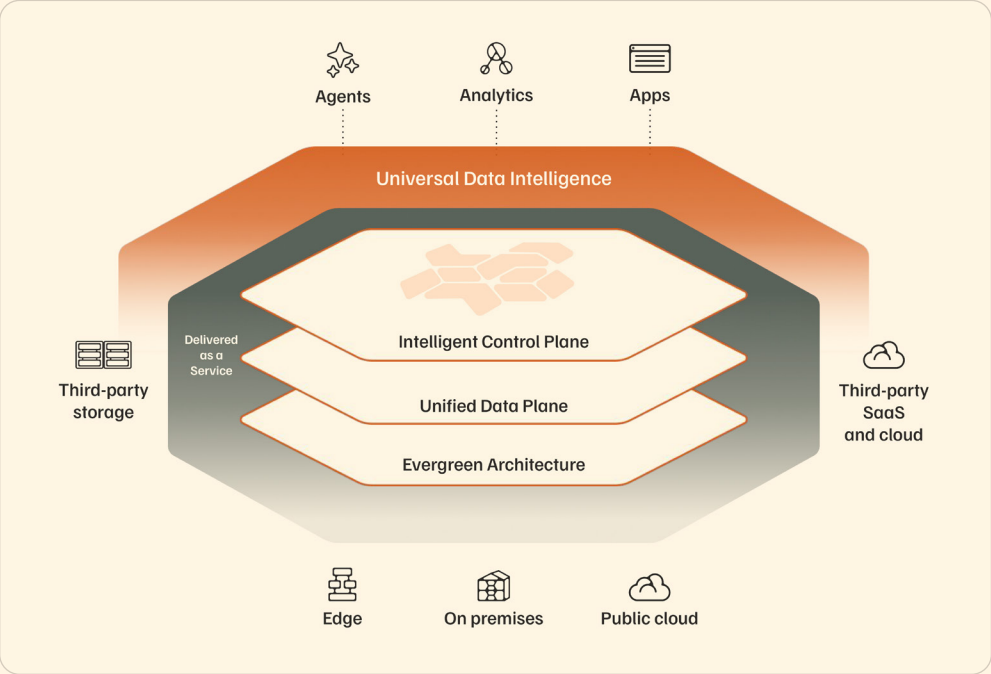

FIGURE 3 The Everpure Platform provides a simple, unified infrastructure for all your storage.

Ready to join Everpure in the cloud?

Whether you're modernizing infrastructure, optimizing cloud spend, or accelerating application delivery, Everpure Cloud services give you the enterprise-grade performance, protection, and flexibility you need—with cloud economics that actually work.

Take the next step toward a more efficient, resilient, and unified hybrid cloud.

Additional resources

- Learn more about how Everpure helps you build an Enterprise Data Cloud.
- Discover more about Everpure Cloud services.

Visit Our Website | **800.379.PURE**

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