

Everpure Platform: The Intelligent Control Plane

Operating data with intelligence, automation, and control

Executive summary

As enterprise data environments expand across on-premises and cloud environments, traditional infrastructure models can no longer deliver the speed, consistency, or control that businesses demand. Systems designed to manage hardware struggle to keep up with AI workloads, rising cyber risk, and always-on expectations.

The Everpure™ Platform unifies all storage into a virtualized cloud of data operated through a single intelligent control plane. Rather than relying on manual coordination, scripts, and reactive tools, the control plane continuously observes the environment, applies intent through policy, and acts in real time.

For technical leaders, this represents a shift from managing infrastructure to operating data as a system. Workflows accelerate, risk shrinks, and governance is enforced by design. The platform delivers outcomes faster and smarter with enterprise-grade assurance.

The role of intelligence in a storage and data management platform

The Everpure Platform isn't just a storage strategy, it's an operating model for storage and data management. It provides a consistent way to manage data across every environment through a unified system that understands how workloads behave and adapts automatically as conditions change.

At the center of this model is an intelligent control plane. It's not a product or a feature—it's the operational brain of the platform. The control plane ingests telemetry across the entire data estate, applies global policy, and makes decisions continuously, without waiting for human intervention.



Smarter automation

Policy-driven control continuously provisions, optimizes, and adapts data using real-time telemetry.



Predictive operations

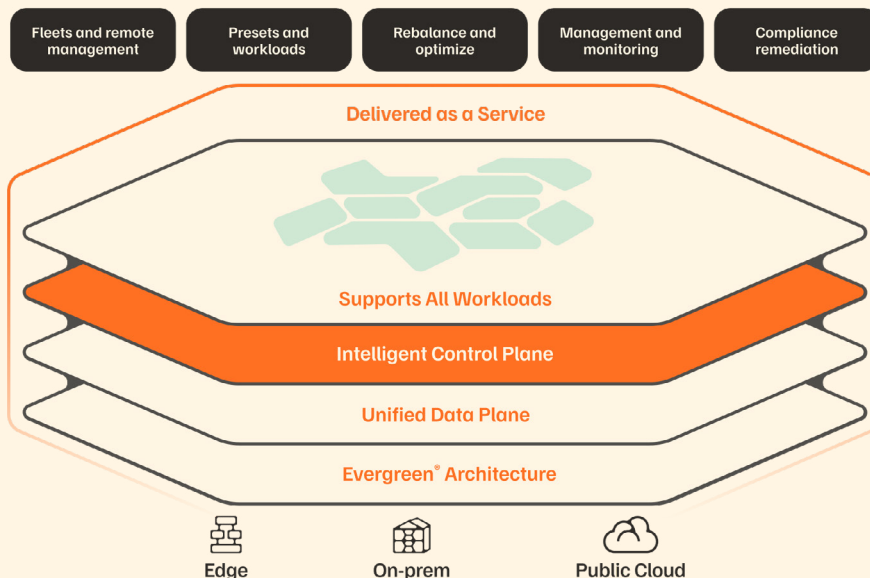
Detect change early, resolve issues proactively, and keep performance and availability predictable.



Autonomous governance

Policies enforce access, protection, and compliance automatically across all environments.

The journey to an intelligent control plane



Instead of managing systems one by one, IT operates data centrally. Placement, protection, performance, cost, and compliance are controlled as part of a single system. The result is cloud-like agility delivered with enterprise-grade control across on-premises and multicloud environments.

Why it starts with a virtualized cloud of data

An intelligent control plane depends on abstraction. It must see data across locations, workloads, protocols, and environments as a single system, not as fragmented arrays or disconnected cloud buckets. That level of visibility and consistency only happens when infrastructure is virtualized.

The Everpure Platform decouples data services from physical systems. Block, file, and object data become part of one logical cloud of data, orchestrated by software and delivered as API-driven storage services. They operate as one unified estate.

A virtualized cloud of data turns static infrastructure into a responsive, service-driven platform. It gives the control plane the context it needs to make intelligent decisions continuously, not just execute predefined tasks.

From foundation to function: What an intelligent control plane enables

With a virtualized data cloud as its foundation, an intelligent control plane changes how IT operates. Instead of just centralizing control, it actively runs the data estate through policy-driven decisions that adapt in real time.

This is where the Everpure Platform moves from architecture to operation.

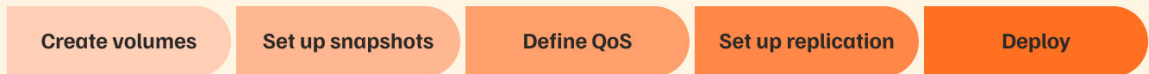
Intelligent automation and workflows

The Everpure Intelligent Control Plane replaces manual coordination with intent-based operation. Instead of building brittle scripts or stitching together tools, IT defines outcomes through policy and the platform handles execution.

Provisioning becomes policy-based and template-driven. Performance, protection, replication, and compliance are defined once and enforced automatically. Whether deploying a mission-critical application or spinning up short-lived test environments, the control plane applies the right behavior every time.

Manual configurations vs. presets Automating workflows and eliminating mistakes

Common workflow for deploying new storage resource



Manual approach	How many volumes? What sizes? Which arrays?	Define snapshot schedule. What are my retention and frequency policies?	Does this workload require hard limits? Bandwidth or IOPS?	Is replication needed? What RPO? Which array to replicate to?	How do I confirm configuration? Were mistakes made? How do I correct?
	Or, configure a preset once and deploy as many workloads as you need				

Presets	Configure preset	Automatic	Automatic	Automatic	Deploy workload x1000
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Real-time telemetry fuels these automations. The platform constantly monitors usage patterns, performance behavior, latency shifts, and risk signals. When conditions change, the control plane responds immediately by rebalancing workloads, adjusting policies, or surfacing issues before users are impacted.

Operations shift from executing tasks to defining intent. The platform enforces outcomes automatically, at scale.

And because it's API-first, the Everpure Intelligent Control Plane fits naturally into broader workflows—CI/CD pipelines, service catalogs, compliance dashboards, and more. Instead of just automating infrastructure, you're embedding storage directly into how your business operates.

Built-in cyber resilience

Cyber resilience is no longer a separate workflow bolted onto infrastructure. With the Everpure Intelligent Control Plane, it is a built-in behavior of the platform.

Protection policies are enforced automatically, immutable snapshots are created by default, and replication and recovery are tied directly to provisioning. Clean recovery points are scheduled proactively before changes occur, not after incidents happen.

Intelligent cyber resilience and data protection
Built-in cyber resiliency



Telemetry continuously monitors for abnormal behavior such as unusual access patterns, unexpected write activity, or early ransomware indicators. Because detection, protection, and recovery are part of the same control system, the platform can act immediately, isolating threats and preparing clean environments for recovery.

Resilience becomes proactive and continuous, recovery shifts from hours to minutes, and data integrity is maintained across all workloads.

Autonomous governance

Governance often breaks down in hybrid environments. Policies may exist, but they're inconsistently applied and difficult to enforce manually. The Everpure Intelligent Control Plane replaces manual enforcement with autonomous governance.

It starts with policy-based control. Access permissions, retention timelines, data classification, and compliance rules are defined once and applied universally. New workloads inherit policy by default, and sensitive data remains protected wherever it moves.

Because the control plane spans the entire environment, it can identify gaps and misalignments instantly. Missing tags, policy drift, and unauthorized access all become actionable insights, not post-mortem findings. Governance becomes consistent, continuous, and invisible to teams moving fast.

AI telemetry: Turning signals into decisions

At the control plane's heart is AI-driven telemetry. This is not just logs and metrics, but continuous signal analysis across performance, behavior, capacity, security, and policy adherence.

Machine learning models trained on large-fleet data sets turn that signal into prediction and action. The control plane doesn't wait for thresholds to be crossed. It anticipates risk, identifies inefficiencies, and recommends or executes changes automatically.

Instead of reacting to issues, IT operates a system that learns, adapts, and improves over time.

The bottom line

The **Everpure Intelligent Control Plane** transforms a virtualized cloud of data into an operational system that delivers outcomes continuously. It gives IT leaders the visibility to understand, the intelligence to predict, and the automation to act. Data is governed by design, risk is reduced proactively, and operations scale without added complexity.

This is not just smarter storage—it's smarter data. And it's how the Everpure Platform delivers lasting advantage.

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