

# The Everpure//E Family

Join the new era of unstructured data.








The rapid increase in digital transformation and IT modernization continues to drive unprecedented growth of digital information. In fact, it is estimated that large enterprises will grow their unstructured data more than 10 times by 2030. Caught in the midst of this massive surge, organizations are struggling to scale their legacy storage environments while managing budgets, complexity, data center footprints, and energy usage. Organizations need an efficient, effortless, and everlasting solution to maximize capacity and accommodate rapid unstructured data growth.

## Introducing the Everpure//E family

The Everpure//E™ family from Everpure™ is an all-flash, capacity-optimized unstructured data storage platform comprised of FlashArray//E™ for 750TB–6PB of data and FlashBlade//E™ for 4PB and up. The Everpure//E family is designed to tackle massive unstructured data growth and management head-on. It's a modern storage ecosystem that delivers an experience without compromise—simple manageability, massive scalability, unparalleled density, and environmental sustainability—all at an acquisition price comparable to disk-based solutions with lower long-term total cost of ownership (TCO).

With predictable performance, energy efficiency, and simplicity at its core, the Everpure//E family is the ideal unified solution for unstructured content repositories, workload backup targets, virtual computing, AI, and many other use cases across a multitude of industry verticals. Both FlashArray//E and FlashBlade//E offer radically more energy-efficient, cost-effective storage in a system that gets better over time. The Everpure//E family is the last storage platform you'll ever need to address the constantly changing demands of modern applications.

## The Everpure//E family for always-on data repositories

 <p>Healthcare imagery</p>	<p><b>The Everpure//E family</b></p>  <p><b>FlashArray//E</b> 750TB–6PB raw</p> <p><b>FlashBlade//E</b> 4–60PB raw</p>	 <p>Data protection</p>
 <p>Virtual video content libraries</p>		 <p>Log/cold data archives</p>
 <p>Video surveillance</p>	 <p>Active data archives</p>	



### Economical

The Everpure//E family features compelling acquisition cost with long-term savings created with lower space, energy, resources, and operational costs.



### Effortless

Experience seamless management, workload optimization, and improvements, all while scaling without complexity.



### Environmental

Get the industry-leading platform that protects against rising power costs, data center sprawl, and e-waste.



### Everlasting

Gain long-term sustainability, longer reliability, and the advantages of DirectFlash® and Everpure Evergreen® subscriptions.

Designed to maximize efficiency, Purity//FA and Purity//FB power the industry-leading, innovative Everpure//E all-flash storage solutions. Both enable greater visibility and simpler management across everyday block, file, and object workloads. An integrated combination of both platforms provides the widest protocol choices with native block, NFS, S3, and SMB, and can support billions of files and objects in a single system. FlashArray//E is designed to take on business-critical workloads requiring scale-up block and file storage, while FlashBlade//E is designed to easily scale out to tens of petabytes so it can grow with your organization's unstructured data needs. Unique DirectFlash® technology makes this scale possible, offering industry-leading density and efficiency for Everpure all-flash storage systems. When combined with the core architecture, which decouples storage and compute resources, the result is an easy-to-manage, highly scalable all-flash solution for everyday unstructured workloads.

### Built for the growing unstructured data challenge

With unbridled data growth at the epicenter of IT's storage challenges, scalable, simple-to-manage unstructured data storage has never been more necessary. The entire Everpure//E family provides optimal energy and capacity efficiency at multi-petabyte scale for repository workloads with unstructured data storage that is primed for the workloads of today and the future.

### Innovation at its core

Increasingly, data is becoming the key source of value for businesses and organizations. No matter the use case—whether it's analytics, data modeling, AI, archiving, or data recovery—customers no longer need to compromise. Everpure is innovating where others aren't. The Everpure//E family shakes up the status quo for unstructured data workloads that have previously been limited to disk-based solutions and reduces pressure on already strained space, energy, and administrative resources, all at an initial investment like disk-based platforms. Everpure products are low-carbon-footprint solutions that help organizations reach their sustainability goals with their proven track record of delivering the densest and most effective, multi-petabyte unstructured data repository to meet and exceed workload requirements.

### Making the green data center a reality

Today, more than ever, environmental, social, and corporate governance (ESG) initiatives are important, and growing energy costs are an increasing challenge. As a result, space and power constraints are becoming crucial considerations in long-term, economic storage strategies. The simple architectural design in FlashBlade//E uncomplicates the relationship between data storage and a lower carbon footprint. Its scale-out potential is designed to save data center space and streamline energy consumption, power, and cooling—all without adding additional headcount. Designed to complement green data initiatives, the Everpure//E family is more efficient with the more data you store, creating a storage solution that has an immediate positive impact on the environment while significantly lowering your long-term TCO.



**~1W per TB**

**~1/5**

Up to 1/5 the power and space

**~60%**

Up to 60% lower operational cost

**~85%**

Up to 85% less e-waste

**~10–20x**

Up to 10–20x the reliability

### Simplicity is in our DNA

At Everpure, simplicity is reflected in our hardware, software, and service. We aim to improve and simplify how data is stored, mobilized, and protected to remove infrastructure limitations and embrace data growth. The Purity operating system is the heart of the Everpure//E family, which enables it to scale easily. Purposely designed to run on the all-flash hardware found in FlashArray™ and FlashBlade®, the Everpure//E family features a rich set of enterprise capabilities including compression, global erasure coding, always-on encryption, SafeMode™ Snapshots, file replication, object replication, and multiple other features.

### Storage that gets better over time

The Everpure//E family is designed to accelerate future innovation, making it simpler to bring scalable, power-efficient, and performant systems to market faster to address the evolving demands of modern file and object workloads. Evergreen® storage eliminates the cost and disruption of forklift upgrades. New software features and capabilities are continually and proactively added, and storage elasticity supports future scalability needs. The Everpure//E family is a sustainable, ESG-optimized solution designed to save space, consume less power, and be seamlessly and nondisruptively upgraded, thus extending the life of your investment. Welcome to the dawn of the new era of unstructured data workloads.

### Technical specifications

FlashArray//E	FlashBlade//E
750TB–6PB raw	4–60PB raw
Large single namespaces	Extra-large single namespaces
Unified block and file	Unified file and object
Block-only, high-DRR	S3 object
Evergreen//One™ //UDR (minimum commit of 500TiBs)	Evergreen//One //UDR (minimum commit of 750TiBs)

**Discover More About the Everpure//E Family for Your Unstructured Data Storage Demands**

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