

Top Five Reasons to Switch to an All-flash Data Repository

Introducing the **Pure//E™** Family





Does your current storage solution address **rapidly growing** data needs?

According to Enterprise Strategy Group, organizations will likely increase their unstructured data capacity more than 10 times by 2030. Learn the top reasons why all-flash storage platforms are the optimal solution for unstructured data repository workloads.

The inability of current, disk-based storage solutions to innovate and keep up with growing unstructured data requirements makes them impractical storage solutions.



Compelling Economics

Discover an all-flash system that offers a more economical solution than disk-based storage with a **competitive acquisition cost at under \$0.20 per GB, including three years of service.**

By delivering a more reliable platform that consumes less space, power, and cooling resources, Pure//E family all-flash storage solutions lower operational spend, reduce the need for additional administrative resources, and helps shrink your data center footprint. This results in up to 40% lower TCO over six years, in contrast to comparable, disk-based systems.

Questions:

- What are some of the reasons you continue to use disk-based solutions in your data center?
- How is your IT organization under pressure to cut IT costs?
- What are some of the ways your data center is set up to enable long-term returns on investment across storage workloads?



Energy Efficiency

Data centers account for 1-2% of all global energy consumption— with storage responsible for 25-40% of the energy consumed in data centers.¹

As some regions impose restrictions on new data centers due to power limitations, an all-flash storage solution helps address growing concerns of energy costs and data center power constraints. Modern all-flash solutions support your organization's environmental, social, and governance (ESG) initiatives, require up to 80% less power and space, reduce e-waste, and deliver long-term savings while improving over time.

Questions:

- What are your data center sustainability goals?
- How does your IT team react when there is a need for increased compute and storage demand resulting in expansion of data center space resources and energy consumption?
- What would your cost savings be if you could massively downsize your data center footprint?





REASON

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The End of Disruptive Upgrades

Traditional, disk-based storage solutions require periodic, disruptive, and costly upgrades and/or maintenance.

All-flash storage solutions alleviate the pain of frequent hardware refreshes with 10-20 times more reliable all-flash storage—providing a reliable support experience and non-disruptive upgrades to deliver a flexible, cloud-like experience with lower operational costs.

Questions:

- How frequently do you have to replace your storage hardware?
- What is your level of concern regarding the cost and quality of support for your the for your legacy and current disk storage solutions?
- Does your data center leverage multiple disk storage platforms for specific unstructured workloads?



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Evolution Built In

Meet your workload needs today, tomorrow, and forever.

Modular architecture enables your storage platform to scale and improve as your data grows by seamlessly incorporating hardware and software enhancements and upgrades without disruption. Cost-efficient unstructured data storage is a necessity for many modern businesses, along with the availability of an SLA-driven, storage as a service (STaaS) model.

Questions:

- What is your plan to tackle extensive unstructured data growth?
- Will your storage be able to meet the changing requirements of the business with a flexible infrastructure, predictable performance, and scale?
- Is your unstructured data storage innovative enough to meet changing power and space requirements to allow for continuous optimization to reduce its power and space efficiency?



REASON

5 Uncomplicate Unstructured Data Workloads at Scale

Eliminate data lifecycle and migration challenges associated with disk-based storage solutions.

All-flash storage provides a capacity-optimized solution that is easy to manage and consolidates unstructured data repository workloads to multi-petabyte scale, providing consistent and predictable performance, without added complexity.

Questions:

- How many of your applications require multiple disk-based storage platforms to manage specific file and unstructured workloads?
- What is your plan to enable your storage environment to scale without adding additional full-time employees?
- What are some of the challenges you face in managing your storage environment and replacing failing disk components?



All-Flash at the Cost of Disk, but Without the Costs of Disk

Pure Storage is ushering in the new era of data storage with the Pure//E family—a platform optimized for repository workloads that make up 90% of the unstructured data mix. The Pure//E family delivers the benefits of all-flash with better economics than disk, enabling organizations to eliminate the last remnants of disk from their data center. Also available as a tier of Pure Storage's Evergreen//One Storage-as-a-Service offering.

Now is the time to move away from legacy disk solutions, with their complication, disruption, high energy consumption, and platform inefficiency.

Now is the time to consider the Pure//E family.

[Learn More](#)



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1 Source: Emerging Technologies: Enterprise Storage Will Consume More of the Available Data Center Power Budget and Undermine Sustainability*, Gartner, Dec. 2021

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