

# Top Five Reasons to Consider an All- flash Unstructured Data Repository







# Does your current storage solution address rapidly growing unstructured data needs?

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







# 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, flash storage lowers operational spend, reduces 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:

- Are you using your disk-based storage solution primarily because of its price?
- Is your organization under pressure to cut IT costs?
- Is your data center set up to enable long-term returns on investment across 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.<sup>1</sup> 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.

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

## Questions:

- What are your data center sustainability goals?
- How concerned are you about the rising costs of energy?
- 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?







## 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?
- Are you concerned about the quality and cost of support for your storage solutions?
- Does your data center leverage multiple disk storage platforms for specific unstructured workloads?



# 4

## 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?







# 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:

- Does your data center leverage multiple disk-based storage platforms for specific unstructured workloads?
- What is your plan to enable your storage environment to scale without adding additional full-time employees?
- Is managing your storage environment and replacing failing disk components a challenge for your organization?



# Benefits of All-flash. Better Economics Than Disk.

Pure Storage is kicking off a new era of data storage with FlashBlade//E™—a platform optimized for repository workloads that make up 90% of the unstructured data mix. FlashBlade//E delivers the environmental, ease of use and reliability benefits of all-flash with better economics than disk, enabling organizations to eliminate the last remnants of disk from their data center.

## Economical

- **Value beyond acquisition cost:** Swapping disk for flash means a compelling acquisition cost along with lower operational costs and a measurable TCO advantage.

## Environmental

- **Energy efficient:** ESG-ready with next-generation efficiency resulting in lower power, space, and cooling costs and reduced e-waste.
- **Maximizes resources:** Optimized data center footprint that overcomes regulatory changes and manages data growth.

## Effortless

- **Forever uncomplicated:** Scales without complexity and is easy to manage by eliminating data migration and lifecycle challenges, even at multi-petabyte scale.

## Everlasting

- **Best-in-Class Experience:** Enjoy the industry's best user experience with cloud-based management, proactive support, and new features that are always included with your subscription to innovation.

## Now is the time to move away from legacy disk solutions

from complication  
from disruption  
from high energy consumption  
from platform inefficiency



**It's time to consider FlashBlade//E.**

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