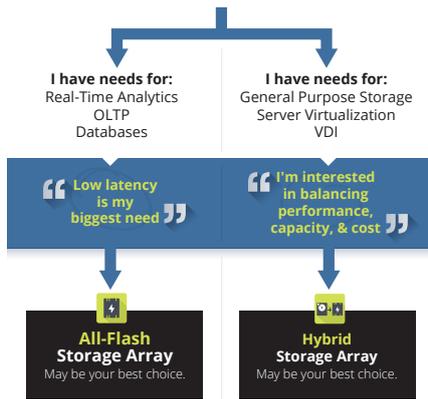


# Flash Storage Arrays



## When to use what?



## What is the deal with Flash?

Flash is dramatically faster and uses less energy and space than traditional disk-based storage and is perfect for those applications that require performance. However disk-based storage isn't going away just yet and is still great for those applications where low-cost and high capacity trumps performance.

SSD	SSD + HDD	HDD
<p>\$\$\$\$</p> <p>All-Flash can be expensive but in applications where performance and latency are critical, All-Flash is the way to go.</p>	<p>\$\$</p> <p>A hybrid flash system that mixes flash with low cost disks is ideal for most enterprise workloads.</p>	<p>\$</p> <p>Traditional disk-based storage is low cost but has high latency, low IOPs and uses more energy and rackspace as capacity grows.</p>

## What is the deal with latency?

Really important when you need fast reliable performance.



## The Cost Difference?

It really depends on what your workload is.

	All-Flash		Hybrid	
	\$/GB	\$/IOPS	\$/GB	\$/IOPS
General Storage	\$\$\$\$	\$\$\$\$	\$	\$
Server Virtualization	\$\$\$	\$\$\$	\$\$	\$\$
VDI	\$\$\$\$	\$	\$\$\$	\$\$
Real Time Analytics	\$\$\$\$	\$	\$\$	\$\$\$
Enterprise Apps	\$\$\$	\$\$\$	\$\$	\$\$

## Key Tips

- Understand your workloads
- Monitor actual ongoing performance characteristics
- As you hit a "tipping point" consider the next level of storage
- Don't count out All-Flash because it is expensive (if it's the right solution, it's the right solution)
- Consider working with a vendor that can step you into what you need
- Consider working with a vendor that does not force you into an all-flash or hybrid solution.
- With Tegile you can go **All-Flash** or **Hybrid**. Get the best of both worlds

## Compromise Nothing.

Tegile Systems offers both an All-Flash and Hybrid storage solution so you won't hear us taking a stand on one versus the other. We work with our customers to understand their application workloads and storage requirements before making a recommendation on whether All-Flash or Hybrid is the ideal solution.



### Tegile All-Flash

Tegile All-Flash Storage Arrays feature high density enterprise flash solid state drives designed to support mission-critical applications that require extremely high performance at low latency for extend periods of time.



### Tegile Hybrid

Tegile Hybrid Flash Storage Arrays deliver a perfect balance of data management, performance and economics by providing a flexible amount of high density flash solid state drives and metadata accelerated high density hard disk storage.



Tegile Systems is a leading provider of intelligent flash storage arrays. Our mission is to accelerate the implementation of flash-based IT by enabling high performance and efficiency of enterprise storage. Our flash storage arrays, with patented TrueFlash architecture, deliver high IOPS and low latency for business applications such as databases, server virtualization and VDI. Our customers include business applications and unattached storage capacity reduction.

Tegile is backed by private equity owned firms: Aspect Capital and Meritech and storage partners HCCIT and SanDisk. Follow us on Twitter @Tegile or give us a call. © 2015 Tegile Systems or HCCIT or HCCIT

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