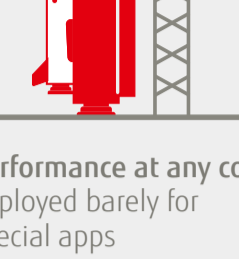


Enjoy the Full Pleasure of Speed

Fujitsu All-Flash Storage

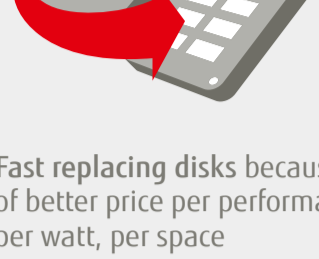


Yesterday



→ Performance at any cost deployed barely for special apps

Today



→ Fast replacing disks because of better price per performance, per watt, per space

Tomorrow



→ Mainstream Adoption – 4x greater spending on flash compared to disk

Why flash is better



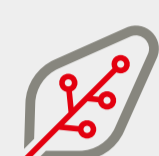
Flash is **fast**
500 times lower response times than disk



Flash is **reliable**
100 times better UBER*



Flash is **affordable**
Better price per IOPS



Flash is **green**
Higher density means reduced datacenter footprint (less space, less cooling, less energy)



Still undecided? Destroying yesterday's myths:

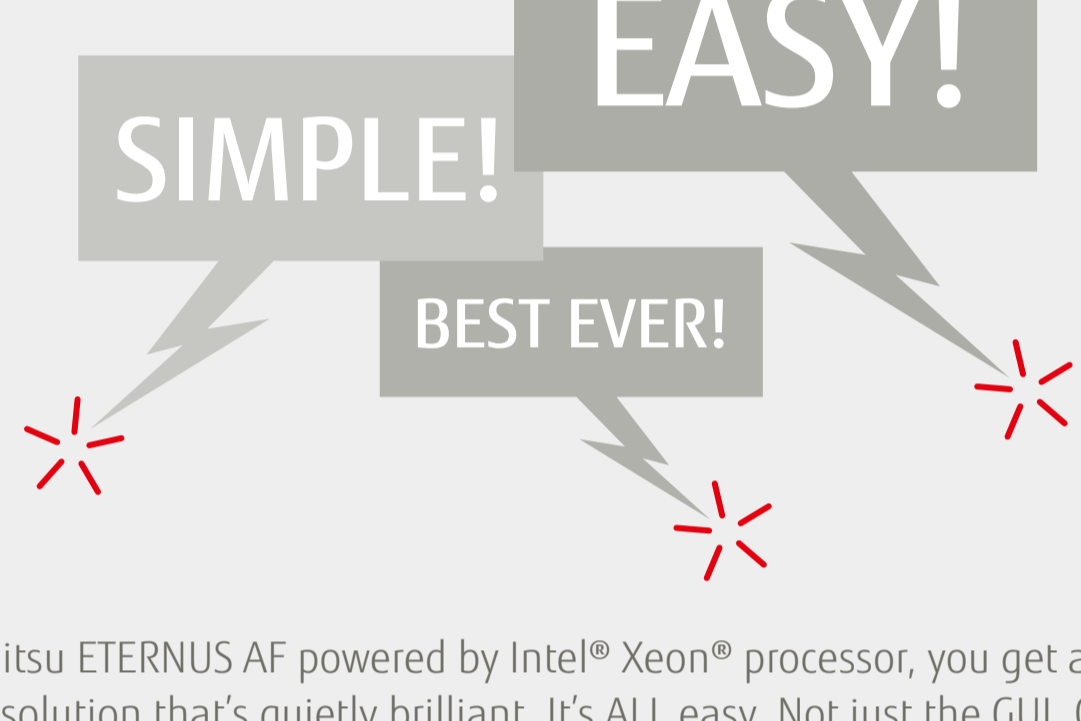
#1 Flash is expensive

- Price tag for SSD still higher than HDD, but:
 - Flash prices in freefall and capacities increasing
 - One SSD provides the performance of 50+ disks
 - A dozen SSDs replace 500 HDDs thus consuming less power and space

#2 Flash is not reliable

- Predictable reliability, no mechanical parts
- Annual failure rate (AFR) of SSDs: **tenths of one percent** AFR for HDDs: up to 4-6 %
- Flash cycling endurance and data retention methodologies

Some flash storage solutions don't go the full distance. The Fujitsu Storage ETERNUS AF does.



With Fujitsu ETERNUS AF powered by Intel® Xeon® processor, you get a flash storage solution that's quietly brilliant. It's ALL easy. Not just the GUI. Or setup. End to end, the ETERNUS AF has it all covered.

Two models available:



ETERNUS AF250 (2-48 drives)

ETERNUS AF650 (2-192 drives)

Included software: All-in FlashPack (Configuration, Management and Administration, Local and Remote Copy, Automated Quality of Service, Deduplication and Compression)

Why does the ETERNUS AF stand out?

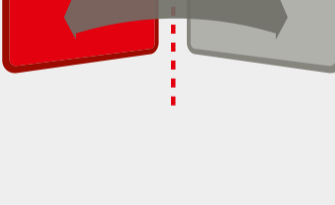
✓ Enjoy full speed

- Ultra-fast response time
- 5x more IOPS
- 23 GB/s throughput



✓ Enjoy data insurance

- Full disaster recovery with mirroring, and transparent failover
- Storage Cluster possible between different ETERNUS flash and disk models



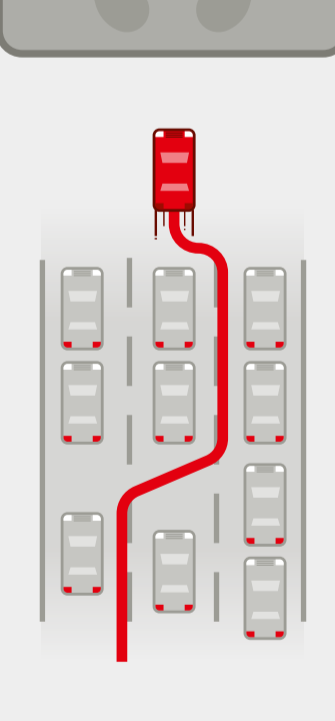
✓ Enjoy the flash diet

- Granular use of data reduction technologies:
 - Compression - **ON/OFF**
 - Deduplication - **ON/OFF**
 - Deduplication + Compression - **ON/OFF**
- Data reduction makes all-flash more attractive - in average effective capacity increase of factor 5
- Increased life span for flash

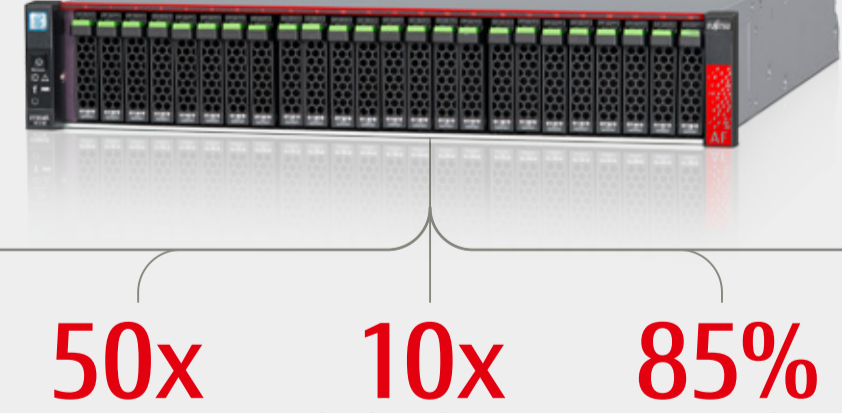


✓ Enjoy simple operations

- Automated Quality of Service
 - Reserves performance for apps that need it most
 - Balances performance and efficiency needs
 - Minimizes admin work
- Guarantees SLAs



Compared to disk, ETERNUS AF delivers:



- 10x** more IOPS
- 50x** faster response time
- 10x** higher density
- 85%** savings for power and cooling
- 8x** less cost for maintenance

What customers say

Speed

"There has been an enormous boost in performance – somewhere in the region of 180,000 IOPS, which means our critical EAM application runs twice as fast so users are more productive and less irritated."

Siwart van der Veen, Manager
ICTKLM Equipment Services B.V.

Automation

"When we shifted to the new system, we got what we needed and we didn't need to put so much time into managing data. By lightening our staff's data management duties, they have more time to spend with our customers."

Daniel Ivarsson, CEO
Diflex AB

Business continuity

"The new storage cluster works perfectly, and we can rely on it to keep the IT we use for our tills, accounting systems and building technologies running 24 hours a day."

Berthold Benedek, Authorized Signatory
& Head of Marketing and HR
AVITA Resort Bad Tatzmannsdorf

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New Possibilities Outside.

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shaping tomorrow with you