

Next Generation All-Flash Storage is Here!

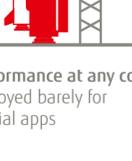
Fujitsu Storage ETERNUS AF All-Flash Storage

SIMPLE.

POWERFUL.

AVAILABLE.

Yesterday



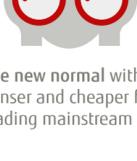
→ Performance at any cost deployed barely for special apps

Today



→ Fast replacing disks with disk being the capacity-focused storage choice and flash the favorite for fast access data

Tomorrow



→ The new normal with faster, denser and cheaper flash leading mainstream adoption

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 yesterdays myths:**

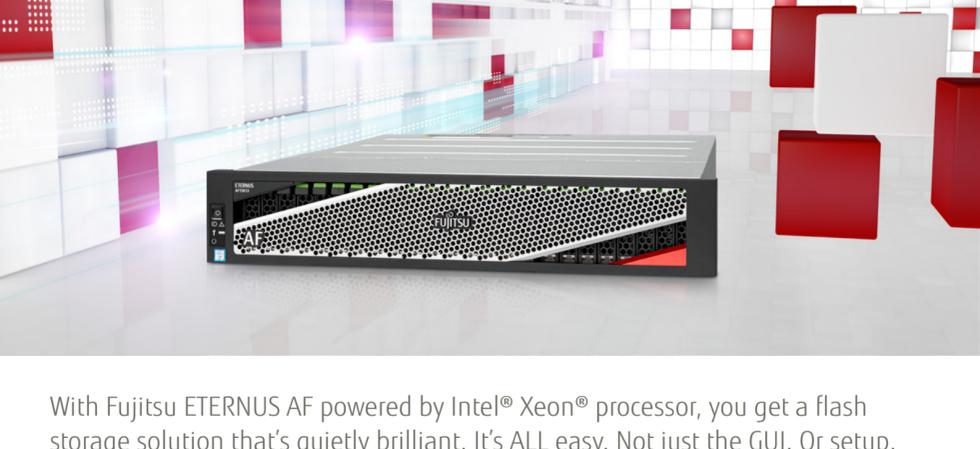
#1 Flash is expensive

- Price tag for SSD still higher than HDD, but:
- Flash prices in freefall and capacities increasing
 - Enterprise SSD cost per terabyte is falling faster than nearline disk drive cost/TB
 - 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.

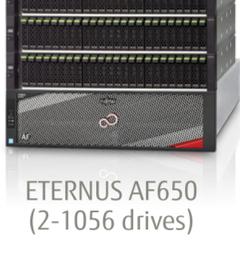
All-Flash storage models for all business demands:



ETERNUS AF150 (2-24 drives)



ETERNUS AF250 (2-264 drives)



ETERNUS AF650 (2-1056 drives)

Software package
All-in FlashPack (Configuration, Management and Administration, Local and Remote Copy, Automated Quality of Service, Deduplication and Compression)*

*All-in FlashPack not valid for ETERNUS AF150

Why does the ETERNUS AF stand out?

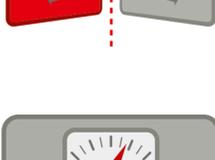
✓ Enjoy full speed

- Ultra-fast response time
- 5x more IOPS*
- Low Latency



✓ Enjoy data insurance

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



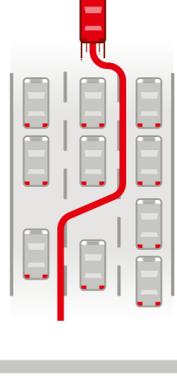
✓ Enjoy the flash diet

- 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
- Automated storage tiering



*Compared to disk storage

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

Powerful

"Fujitsu All-Flash storage is less expensive to run, more reliable and better performing – it really ticks all the boxes. It's also scalable so we can easily add more capacity in the case of acquisitions."

René Steen, Head of IT Operations
Sparinvest

→ Read more

Simple

"Going live could have taken us upwards of six months but, thanks to the FUJITSU Storage ETERNUS AF250 replication, we brought that down to just ten weeks and made the entire transition much easier to handle."

Paul Bentley, IT Manager
Lallex

→ Read more

Available

"The new Fujitsu ETERNUS All-Flash storage cluster has transformed our application and database performance and allowed us to extend that performance to multiple partners within the valley."

J. Visser, IT Manager
City of Veendam

→ Read more



Intel® Xeon® processor.

Enjoy the full pleasure of speed

Learn more about ETERNUS: www.fujitsu.com/eternus