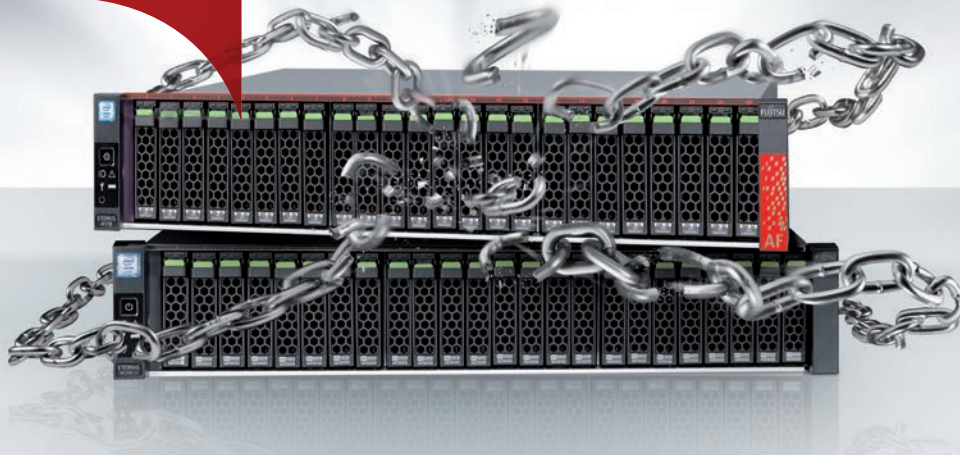


# Storage Unchained

## ETERNUS PRIMARY STORAGE FAMILY

FUJITSU

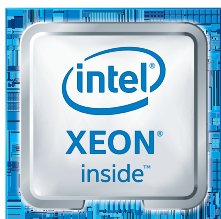


## Going beyond the limits

In the years ahead three factors will have an enormous impact on storage environments:

- **Digital Business Growth:** The real-time availability of data is expected to skyrocket. Storage systems will be required to reliably provide constantly growing data volumes with minimum latency.
- **Digital Business Continuity:** Analysts forecast that the share of critical or hyper-critical data will increase dramatically. Storage will have to ensure uninterrupted access to huge quantities of data.
- **Digital Business Efficiency:** Explosive data growth in the zettabyte range will outpace the provisioning of storage system capacities at an alarming rate. In the future, storage solutions with smart data efficiency functions will be needed to help organize storage systems and make the right data available at the right time as required.

You can overcome all of these challenges with the ETERNUS Primary Storage Family!



Intel® Xeon® processor.  
Intel Inside®. New Possibilities Outside.

### Key Values of the ETERNUS Primary Storage Family



Seamless family architecture



Affordable business continuity



Designed for superior performance



Simplified storage operations



Integration of Fujitsu and partner products to build complete solutions

Learn more about Business-Centric Storage:  
[bcs.global.fujitsu.com/](http://bcs.global.fujitsu.com/)

shaping tomorrow with you

## SEAMLESS FAMILY ARCHITECTURE

*"Over the past three years, Fujitsu has created a stable, flexible and cost-effective platform that can scale as our company grows. This will enable our future expansion, while making management simple."*

Regis Pitolet,  
IT Infrastructure and Operations Director, TECTEO Group



No matter how your digital business develops: With the ETERNUS Primary Storage Family you will no longer need to worry about performance, capacity and availability. The family comprising ETERNUS DX hybrid storage systems and ETERNUS AF all-flash systems provides extreme scalability within one system, along with easy upgrade options from model to model. Unified administration via one management platform – ETERNUS SF – underpins the solid investment protection. ETERNUS SF offers storage administrators the same usability for all operational workflows throughout the ETERNUS AF/DX family, from entry-level systems up to the high-end models. Operation is intuitive via the web GUI, and useful wizards comprehensively support configuration, operation and troubleshooting, thus drastically reducing the administrative workload.

- Highest level of investment protection
- Extreme scalability and easy upgrades
- Maximum system interoperability

## AFFORDABLE BUSINESS CONTINUITY

*"The transparent failover solution was the main factor in our decision to work with Fujitsu. It would enable our services to continue running uninterrupted in the event of an error."*

Markus Handschuh,  
Head of IT System Operations, REWE Dortmund



The ETERNUS Primary Storage Family supports nonstop operations very efficiently. It features best-in-class continuity management, including native replication, mirroring and transparent failover (manual or automatic). Mission-critical data is mirrored automatically in an ETERNUS Storage Cluster and can be executed in both directions and between different models or generations, as well as between all-flash and hybrid. What's more, the high interoperability of the ETERNUS AF/DX systems enables very smooth migrations (offline and online) from an old system to a new one. For example, with the unique online storage migration, you can migrate seamlessly without interrupting ongoing operations – and from ETERNUS DX to AF models as well.

- Most flexible and efficient disaster recovery options
- 100% data insurance – nonstop business continuity
- Seamless and efficient data migration



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## DESIGNED FOR SUPERIOR PERFORMANCE



Fujitsu has been developing the ETERNUS portfolio for many years – without making any compromises when it comes to satisfying the highest performance and quality requirements. And that translates into high value for our customers. The ETERNUS Primary Storage Family is based on an award-winning performance architecture that delivers the fastest response times even under extreme workloads. That puts you in a good position: ETERNUS offers you the best solution for every kind of business requirement – such as ultra-fast response times with all-flash performance or the optimal balance between costs and speed through the flexible combination of SSDs, SAS and nearline SAS in one system.

- Long history of dependable performance – consistent SPC-1 test results
- Effective balancing of flexibility, costs and speed
- Reliable fulfillment of service levels

## SIMPLIFIED STORAGE OPERATIONS



ETERNUS SF makes it easy to get the best out of the ETERNUS Primary Storage Family. Automated Quality of Services enables you to set up a flexible tier pool. Just set the performance priority you want for each application – and that's all you need to do! ETERNUS SF automatically monitors compliance with the settings and adjusts performance whenever necessary. If multiple disks are included in a hybrid configuration, Automated Storage Tiering makes sure that the disks are effectively utilized. Data reduction technologies with flexible setting options allow for the precise usage of data deduplication and compression. Highly developed functions of this kind reduce storage administration workloads dramatically while supporting better quality of service and the highest levels of storage efficiency at the same time.

- Better service quality with less stress
- Capacity savings with minimal performance compromises
- Minimal operational effort

## INTEGRATION OF FUJITSU AND PARTNER PRODUCTS TO BUILD COMPLETE SOLUTIONS



IT optimization for the digital world needs holistic concepts to ensure that long-term business goals are achieved. Fujitsu, as one of the world's leading providers of end-to-end solutions, has more than 50 years of expertise in building sustainable infrastructure solutions. Based on innovative in-house developments and a powerful network of market-leading product partners (e.g., Brocade, Commvault, Microsoft, NetApp, Oracle, Quantum, Veritas), Fujitsu is the single point of contact for all your infrastructure needs. This lets you leverage best of breed technologies without single vendor lock-in. At the same time – with full support from professional, managed and cloud services – you have the freedom to mix sourcing options in line with your business priorities.

- Comprehensive product and services portfolio with robust partner ecosystem
- One partner, all sourcing options
- Best of breed solutions without vendor lock-in

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*"Since deploying the ETERNUS flash system, our dream of real-time computing has become a reality. Our response times now range from 0.1 to 1 millisecond."*

Robert Gallinat, CIO  
GKL Marketing-Marktforschung GmbH & Co. KG

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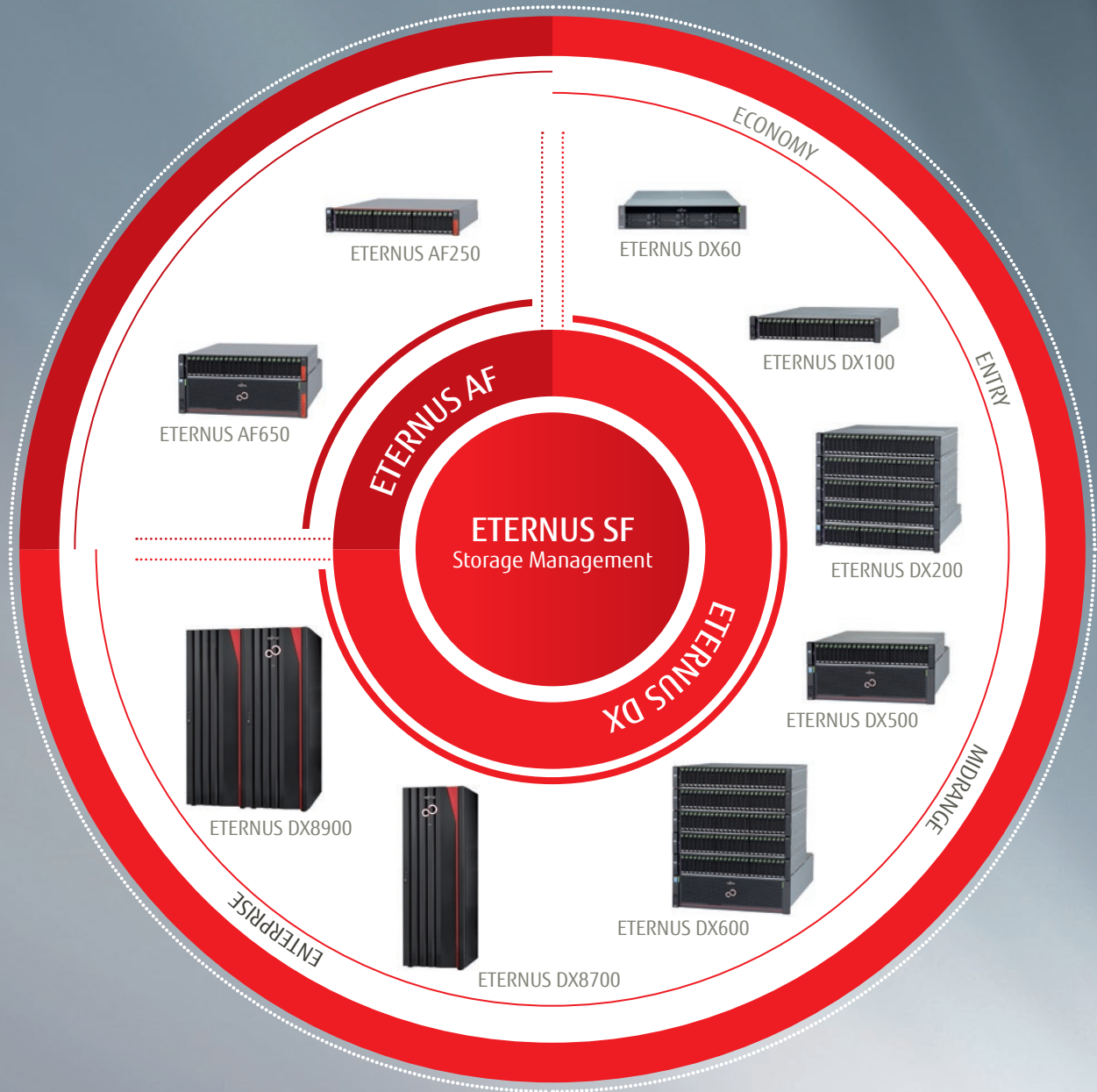
*"When we shifted to the new system, we got what we needed and we didn't need to put so much time into managing data. By lightening our staff's data management duties, they have more time to spend with our customers."*

Daniel Ivarsson, CEO Diflex AB

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# We are family – ETERNUS AF and ETERNUS DX



Learn more about Business-Centric Storage: [bcs.global.fujitsu.com/](http://bcs.global.fujitsu.com/)

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