

Business-Centric Storage

ETERNUS PRIMARY STORAGE FAMILY



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!

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/

SEAMLESS FAMILY ARCHITECTURE

"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 irritable."

Siwart van der Veen,
Manager ICT, KLM Equipment Services B.V



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

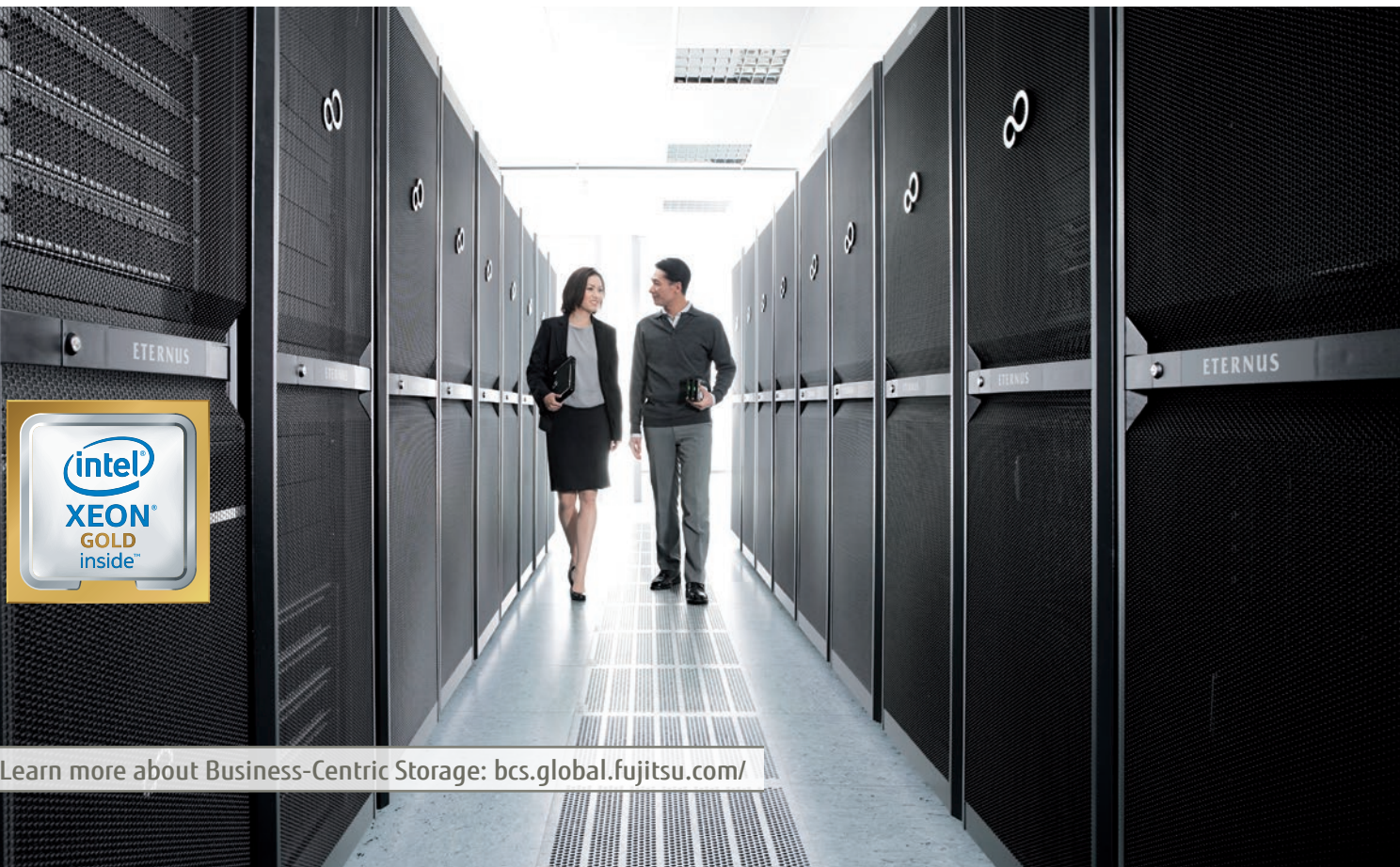
"The new storage cluster works perfectly, and we can rely on it to keep the IT we use for our tills, accounting systems and building technologies running 24 hours a day."

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



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

"The performance boost that the FUJITSU Storage ETERNUS AF250 provides is very important to us. Our developers can open even larger CAD files of up to 5GB in half the time it would take them before."

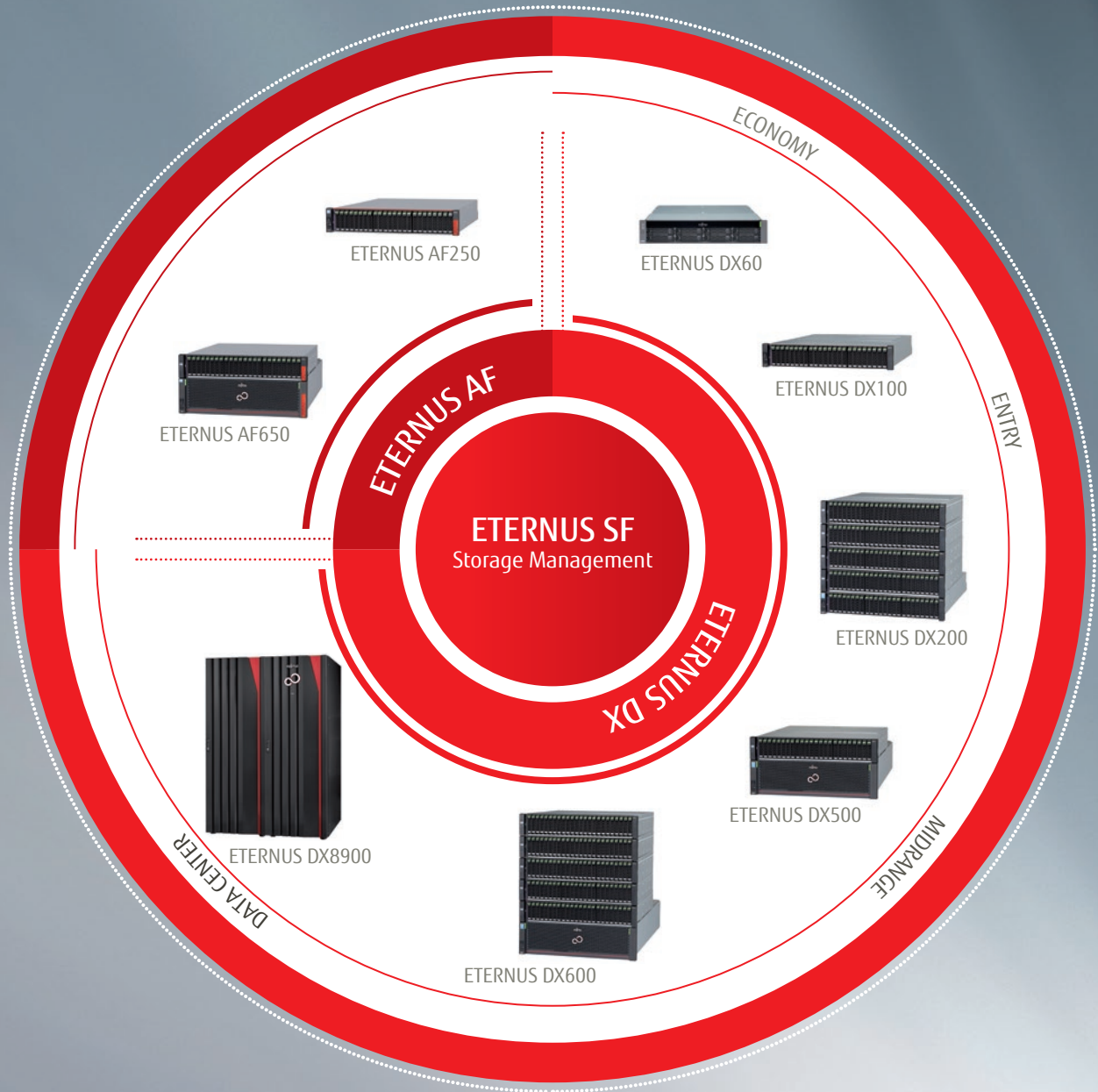
Markus Windschüttl,
IT Manager, Gluth Systemtechnik GmbH

"We have ensured operational stability while radically restructuring our cost base without compromising quality of service. Our IT platform is now flexible and scalable ensuring DEPFA can meet business requirements and build for the future, in partnership."

Michael McGillicuddy, Head of IT, DEPFA



We are family – ETERNUS AF and ETERNUS DX



Learn more about Business-Centric Storage: bcs.global.fujitsu.com/

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