

# Whitepaper

## Use case: ETERNUS CS800 and Veeam

Fast and reliable backup for virtual, physical and cloud-based workloads



### Backup with ETERNUS CS800

The ETERNUS CS800 – a disk-based backup appliance – provides deduplication without compromise, combining broad scalability and high performance to support the broadest range of IT environments today and in the future. Built on leading deduplication technology, the ETERNUS CS800 appliance is a purpose-built solution that provides flexible scalability and provides fast backup to disk performance.

ETERNUS CS800 gives IT departments optimal investment protection with a combination of maximum flexibility and value. All models provide the option to use simultaneous NAS, VTL and OST interfaces, making it easy for users to add or change interconnect choices as their backup environments evolve. To keep acquisition costs low, the appliance base price includes all the software licenses, including AES 256-bit encrypted remote replication for automated disaster protection.

### Backup with Veeam® Software

Unlike traditional backup tools designed to work with physical machines, Veeam® Backup & Replication™ is built specifically for virtual environments.

It operates at the virtualization layer and uses an image-based approach for VM backup. To retrieve VM data, no agent software needs to be installed inside the guest OS. Instead, Veeam Backup & Replication leverages its own capabilities for Application consistency and integrates also with VMware vSphere as well as Microsoft Hyper-V snapshots.

Veeam Backup & Replication provides a set of features for building and maintaining a flexible backup infrastructure, performing data protection tasks (such as VM backup, replication, copying backup files), and manage virtual, physical and cloud-based workloads from a single console.

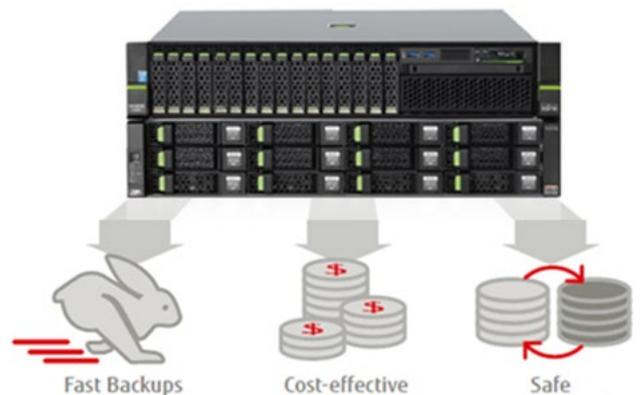
Fujitsu ETERNUS CS800 appliances are integrated with Veeam Data Mover Service to deliver fast backups and restores, without impacting data compression and deduplication.

### ETERNUS CS800 and Veeam – protect virtual environments

#### Availability for virtual, physical, and cloud

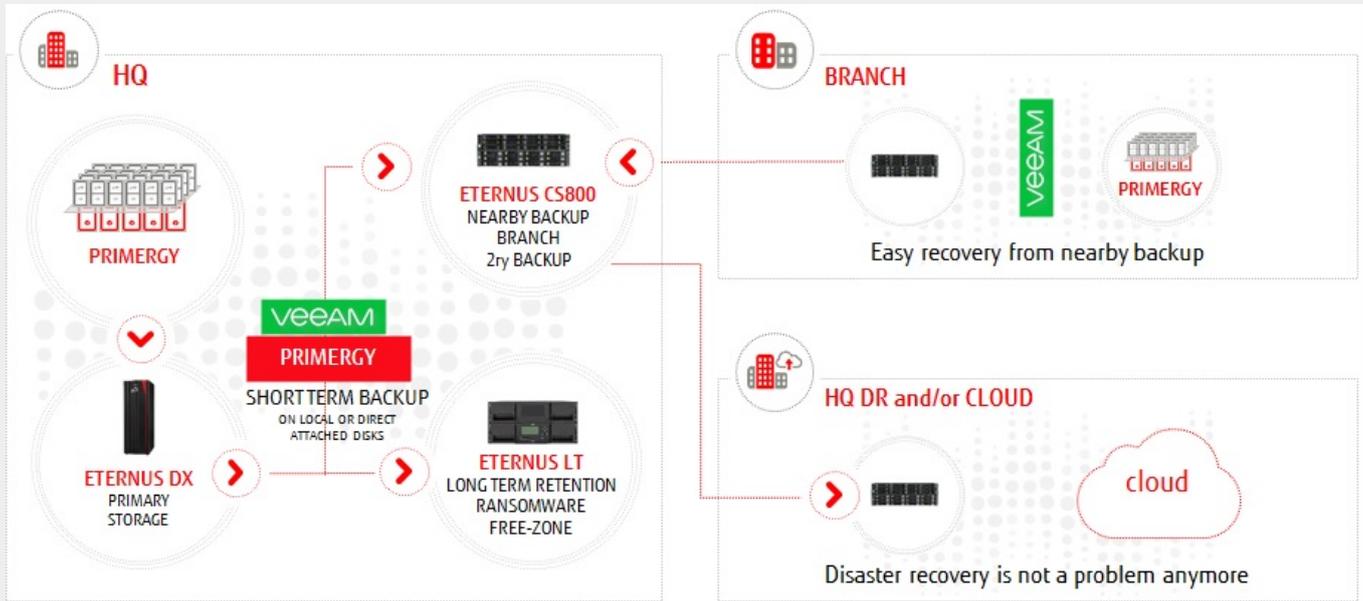
The Veeam Hyper-Availability Platform helps evolve the way you manage your data to ensure it is available. The ETERNUS CS800 together with Veeam offers customers these features:

- Maintain low RTOs and minimize disruption
- Veeam Data Mover integration enables fast backups and restores
- Minimize downtime of crucial production VMs
- Reduce the impact of backups on your server and network infrastructure



# More information

## Most easy to use backup concept



### A simple rule: 3-2-1

Enterprises are increasingly under cyberattack, which can lead to data loss or corruption. The latest threat is ransomware, where critical data is encrypted until a ransom is paid in exchange for the unlock key. With attacks of this nature becoming increasingly sophisticated, and infections taking hold in seconds, organizations that are locked out of their data face a trail of damage that can take weeks or months to rectify. To counter this, the 'three two one' backup rule is more relevant today than ever:

- Keep at least 3 copies of data
- Store 2 backup copies on different storage media
- Store 1 backup copy on a remote location/offline

Especially for data critical to business operations, keeping a copy offline on tape is the best way of keeping information safe from online attacks.

### Collaboration makes management easier and data protection more efficient

For two decades, Fujitsu has built appliances and integrated solutions with software partners to deliver complete solutions.

- Fujitsu collaborates with Veeam to help administrators in their daily life
- ETERNUS CS800 – disk-based backup appliance that integrates with the Veeam Data Mover Service for advanced functionality, and provides global deduplication for the complete environment
- ETERNUS LT – tape automation – for most cost effective long-term storage on tape media

### Consolidation of heterogeneous environments

For the consolidation of heterogeneous environment, the advantage of ETERNUS CS800 is to support all market leading backup software – even in parallel. This comes in handy, because many companies run various backup applications in parallel. The complete consolidation of heterogeneous environments ensures that resources are leveraged and the costs are dramatically reduced.

ETERNUS CS800 not only provides great consolidation capabilities, but also insures investment protection. It offers outstanding scalability enabling you to pay-as-you- making it easy to deploy and upgrade by adding capacity as your business grows

- For more information please refer to [www.fujitsu.com/eternus-cs800](http://www.fujitsu.com/eternus-cs800)