

# Whitepaper

## Use Case: ETERNUS CS200c for hyper-converged Infrastructure

Integrated Backup Appliance Powered by Commvault® as backup solution for hyper-converged infrastructure



### The Challenge - Data Backup in Virtual Environments

Virtualization technologies have been making a significant impact on the traditional IT infrastructure landscape over recent years. Traditional, converged and hyper-converged offerings have taken a foothold in many enterprises. They consolidate IT landscapes, optimize utilization and make operations more flexible.

Hyper-converged infrastructures are the rising star in modern data centers. A hyper-converged solution typically consists of clustered building blocks with integrated network, storage and computing functions. Hypervisors with extended functionalities orchestrates all resources. Such simple-to-acquire, easy-to-manage platforms often come with so called data protection functionality build in. Typically, however, the focus is on data replication rather than traditional backup and recovery. They often store backup copies on the same platform and provide insufficient lifecycle management. These can imply risks of potential data loss by data corruption, deletion or if a disaster occurs.

### ETERNUS CS200c Powered by Commvault – The Complete Solution for Hyper-converged Infrastructures

The ETERNUS CS200c is ideally suited for hyper-converged infrastructures delivering out-of-the-box backup by dramatically reducing deployment time and risks. Powered by industry-leading Commvault software, ETERNUS CS200c leverages deep integration into hyper-converged infrastructures supporting all major hypervisors including Microsoft’s Hyper-V and VMware’s vSphere.

Every virtual machine goes through a lifecycle across deployment, management, optimization, protection and retirement. Use ETERNUS CS200c to manage every phase for VM Backup, Recovery & Cloud Management. The appliance helps streamline management of hyper-converged platforms with a policy-based approach to optimize VM resource utilization and to ensure that no VM will ever be at risk, even if disaster strikes.

With Integrated System PRIMEFLEX and ETERNUS CS200c, Fujitsu provides convincing solutions to the complex challenges of hyperconvergence and data protection such as performance, availability, security, flexibility and efficiency.

### ETERNUS – Business-Centric Storage

#### Business values with ETERNUS CS200c as backup solution for hyper-converged infrastructure

##### Digital Business Continuity

- Replication and built-in encryption ensure your business-critical data is protected and secure against cyberattacks
- Performs off-host backups for hundreds of virtual machines to support continuity of operation and disaster recovery
- Advanced automation minimizes manual failures and data loss

##### Digital Business Efficiency

- Pre-configured, pre-loaded appliance reduces evaluation and deployment efforts
- Optimally concerted, unified building blocks eliminate risk, improves business agility
- Virtualize critical applications while meeting optimized data protection SLAs

##### Digital Business Growth

- Global deduplication lowers data volume by 90%, improves resource usage and reduces overall costs
- Archiving and backup to cloud or tape allow to manage annual data growth more efficiently
- Consolidates critical data protection, compliance and discovery operations in one unified solution

