# Better Software-Defined Storage with Dell and SUSE

As data volumes grow, the task of storing, protecting and providing constant access to that data is becoming a challenge. Traditional storage systems simply aren't keeping up, but software-defined storage can. Particularly when it comes from enterprise technology leaders like Dell and SUSE.

## Software-Defined Storage from Dell and SUSE at a Glance:

+ *Easy to deploy and manage*
+ *Unified block, file and object storage*
+ *Infinitely scalable*
+ *Supported by enterprise IT leaders*

■ Products:

SUSE Enterprise Storage
Dell PowerEdge servers

"With SUSE Enterprise Storage, we have built a very high-performing and scalable storage landscape at a fraction of the cost than we would have been able to with traditional storage systems."

SIMON NAUGHTON
*Director of Infrastructure and Operations*
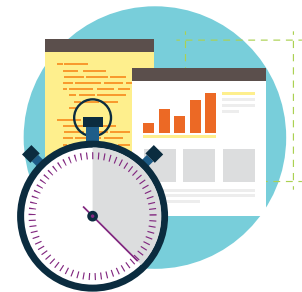Swinburne University of Technology

### Store without Boundaries

No matter what industry you operate in, data storage is likely becoming an issue. You need a storage solution that offers near-real-time access to different kinds of data, and it must be flexible, with intuitive administration and an affordable total cost of ownership. That's why, like many enterprises, you're probably considering software-defined storage.

SUSE® Enterprise Storage running on Dell hardware provides a software-defined storage solution that gives you more value and fewer constraints in managing today's growing volume of data.

### Close Collaboration for Better IT Solutions

Dell and SUSE have closely collaborated for almost a decade to build Linux-based solutions to solve complex enterprise IT challenges. The two companies are closely aligned in our focus on enterprise computing, integrated solutions, cloud computing, and interoperability for mission-critical and high-volume workloads. Working together, we harness the power of new Dell technologies and leading open source offerings, helping enterprises address today's and tomorrow's IT and businesses challenges.

With Dell and SUSE, you get:

■ **Reliability and performance.** *Get enterprise-proven performance, reliability, scalability and usability with the low total cost of ownership of open source solutions.*
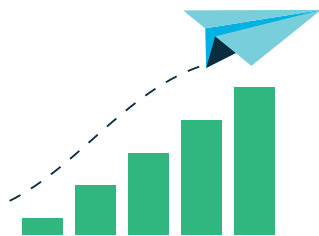
■ **Mission-critical reliability.** *Deploy a modern, efficient and secure*

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*foundation for data center computing and storage.*



■ **Scalability and performance***. Explore robust open source solutions for high availability validated by Dell and SUSE engineering teams.*

That plays out in all our solutions. SUSE Linux Enterprise Server is a key component of many Dell software and appliance-based solutions and is validated on all Dell PowerEdge servers.

Our partnership also makes a difference in our software-defined storage solution. Only the Dell-SUSE storage solution can deliver affordable, unlimited scalability; one-element storage for all types of data; and maximum ease, automation and control.

### Better Software-Defined Storage
The deep expertise and seamless support that come from industry-leading hardware and software partners like Dell and SUSE are what make the solution better.

With it, you can enjoy affordable, unlimited enterprise scalability. SUSE Enterprise

Storage, based on Ceph, allows you to deploy a unified block, object and file storage environment and eliminates the need for storage tiering.

SUSE Enterprise Storage offers a flexible, cluster-based design for graceful and inexpensive upgrades and near-linear scaling. Simply add or upgrade your Dell hardware, and SUSE Enterprise Storage will easily integrate it and redistribute workloads as necessary.

Together, Dell and SUSE help you increase automation and control to simplify your storage deployment and management. Dell PowerEdge servers offer proactive diagnostics and automated remediation that can increase productivity for your teams and help reduce the burden of storage management. SUSE Enterprise Storage is self-managing and self-healing, meaning that even if certain components in the cluster fail, your storage won't.

### Storage for the Real World
The combined solution can meet your storage challenges, whether you need disk-based backup or a general or compliance archiving solution. Use it for storing large video or image files or as shared storage for OpenStack. Dell and SUSE have partnered closely on multiple OpenStack projects, including SUSE OpenStack Cloud, meaning you can build your entire private cloud solution, from servers to storage, through our partnership.