Is This “The One”?

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Enterprise Data Storage Product Challenge

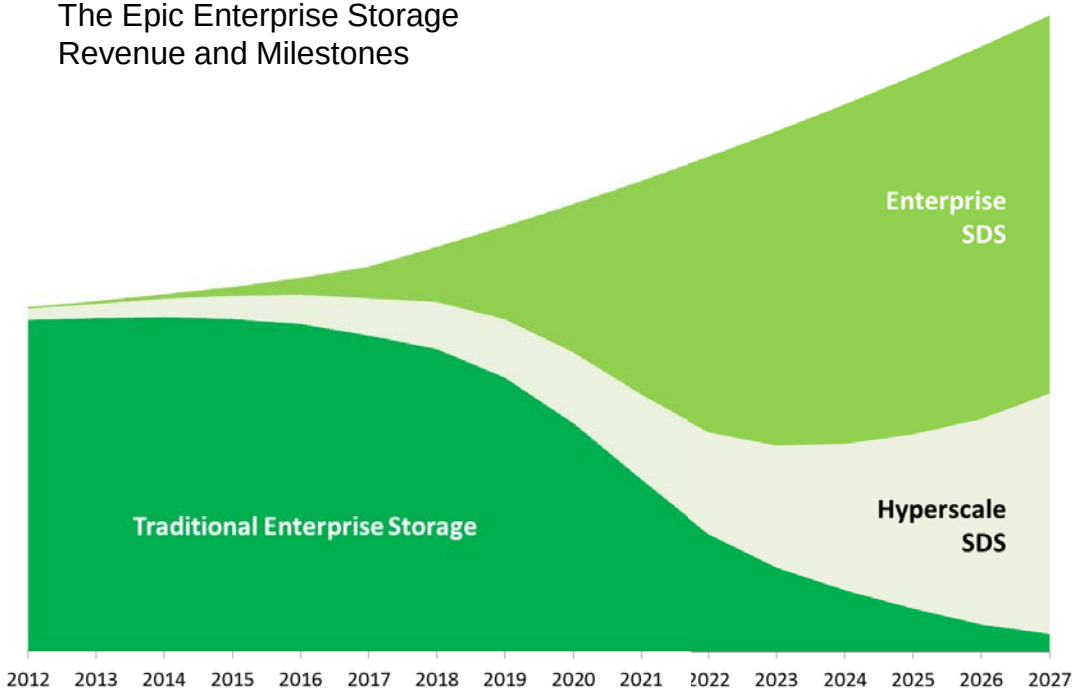
Scale and manage data growth

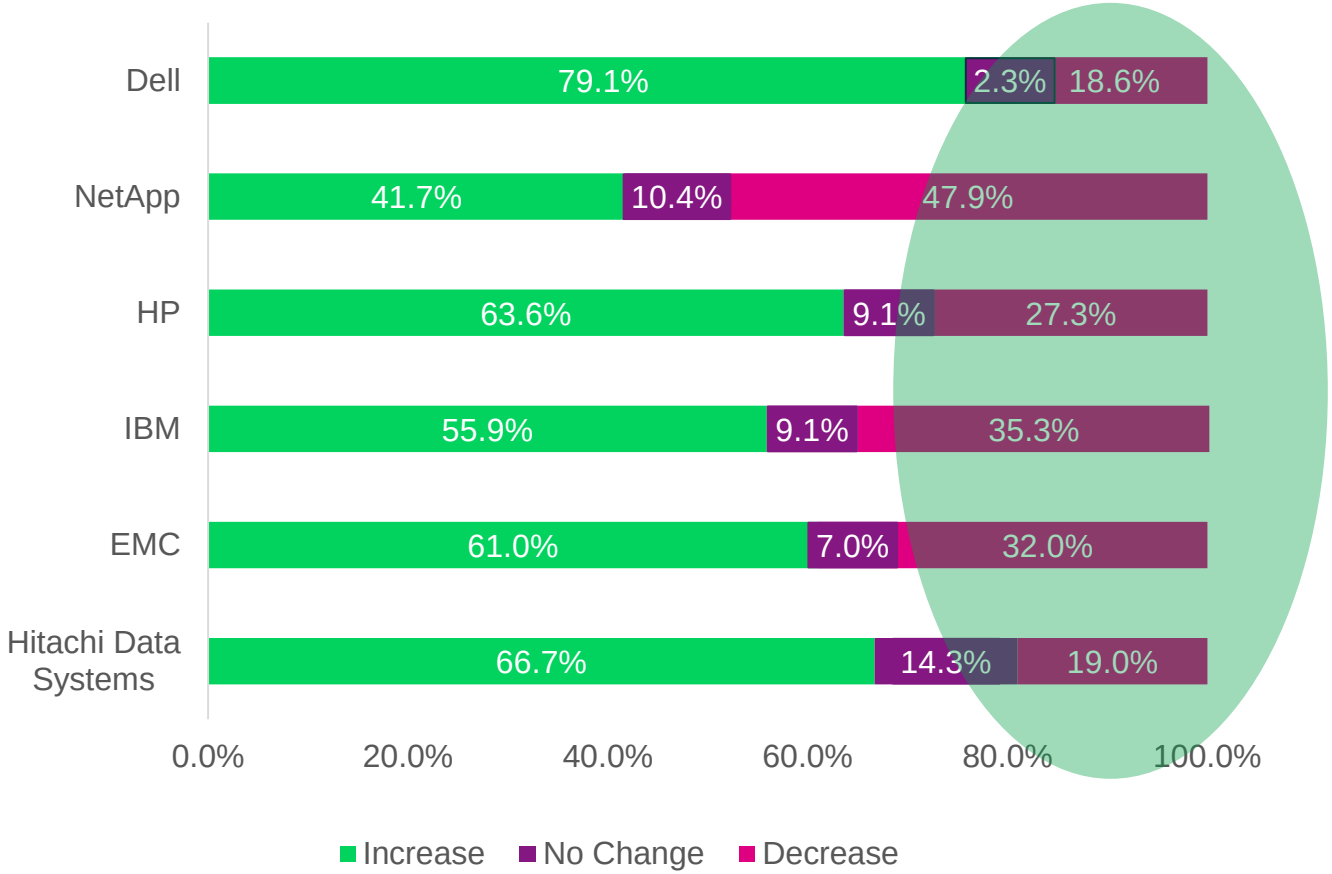
Control storage costs

Support today's investment and adapt to the future

What is happening in the Market?

The Epic Enterprise Storage
Revenue and Milestones



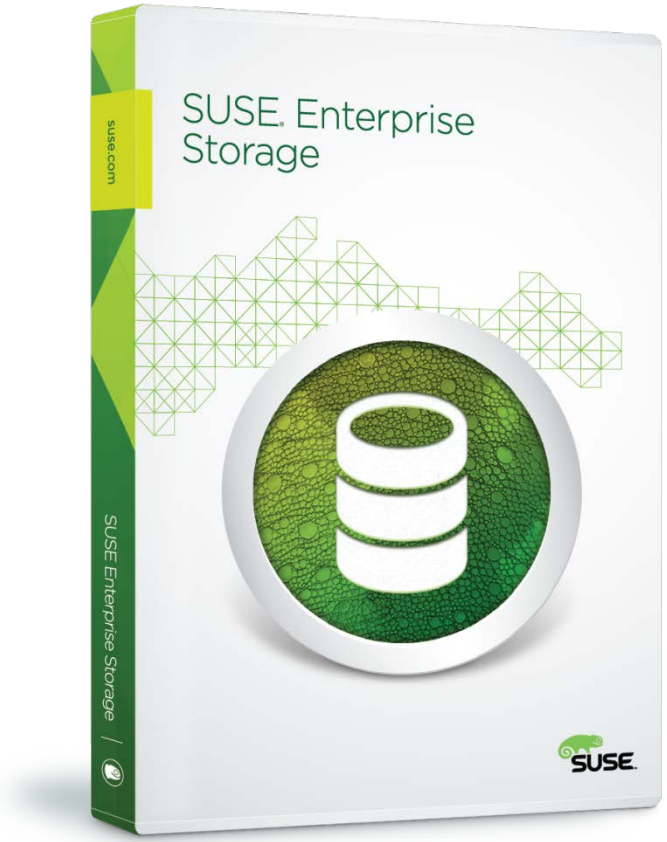


By 2019, more than 50% of the storage capacity installed in enterprise data centers will be deployed with software-defined storage or hyperconverged integrated system architectures based on x86 hardware systems, up from less than 10% today

—Gartner

Source: 451 Research

SUSE Cares About The Right Things



NETWORK computing AWARDS 2016 WINNER PRODUCT OF THE YEAR

NETWORK computing AWARDS 2015 WINNER PRODUCT OF THE YEAR

NETWORK computing AWARDS 2015 WINNER STORAGE PRODUCT OF THE YEAR

STORAGE AWARDS THE STORRIES XII WINNER Cloud Enabler of the Year

STORAGE AWARDS THE STORRIES XII WINNER Storage Magazine Editors Choice

INNOVATIONSPREIS-IT FINALIST 2016 mittelstand

Enterprise Consumable – SUSE Focus Areas

Manageability

- Ease of install
- Centralized management, monitoring, reporting

Interoperability

- Unified block/file/object (heterogeneous OS access)
- Fabric interconnect

Efficiency

- Cache tiering
- Deduplication/compression
- Hierarchical storage management

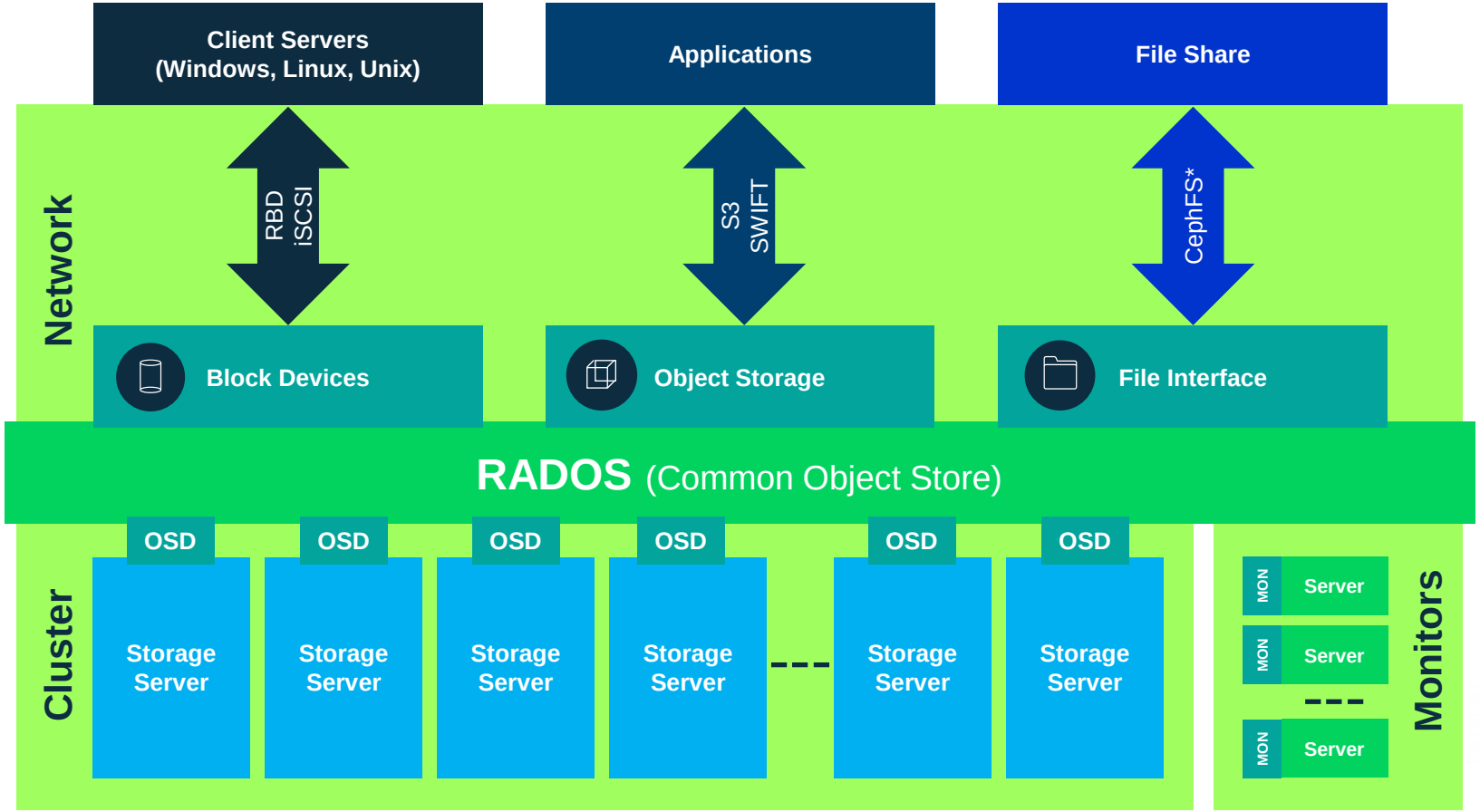
Availability

- Backup/archive
- Continuous data protection
- Remote replication

SUSE Enterprise Storage Is Robust!

SUSE Enterprise Storage

Powered by Ceph

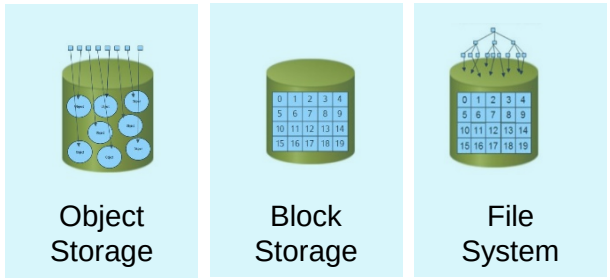


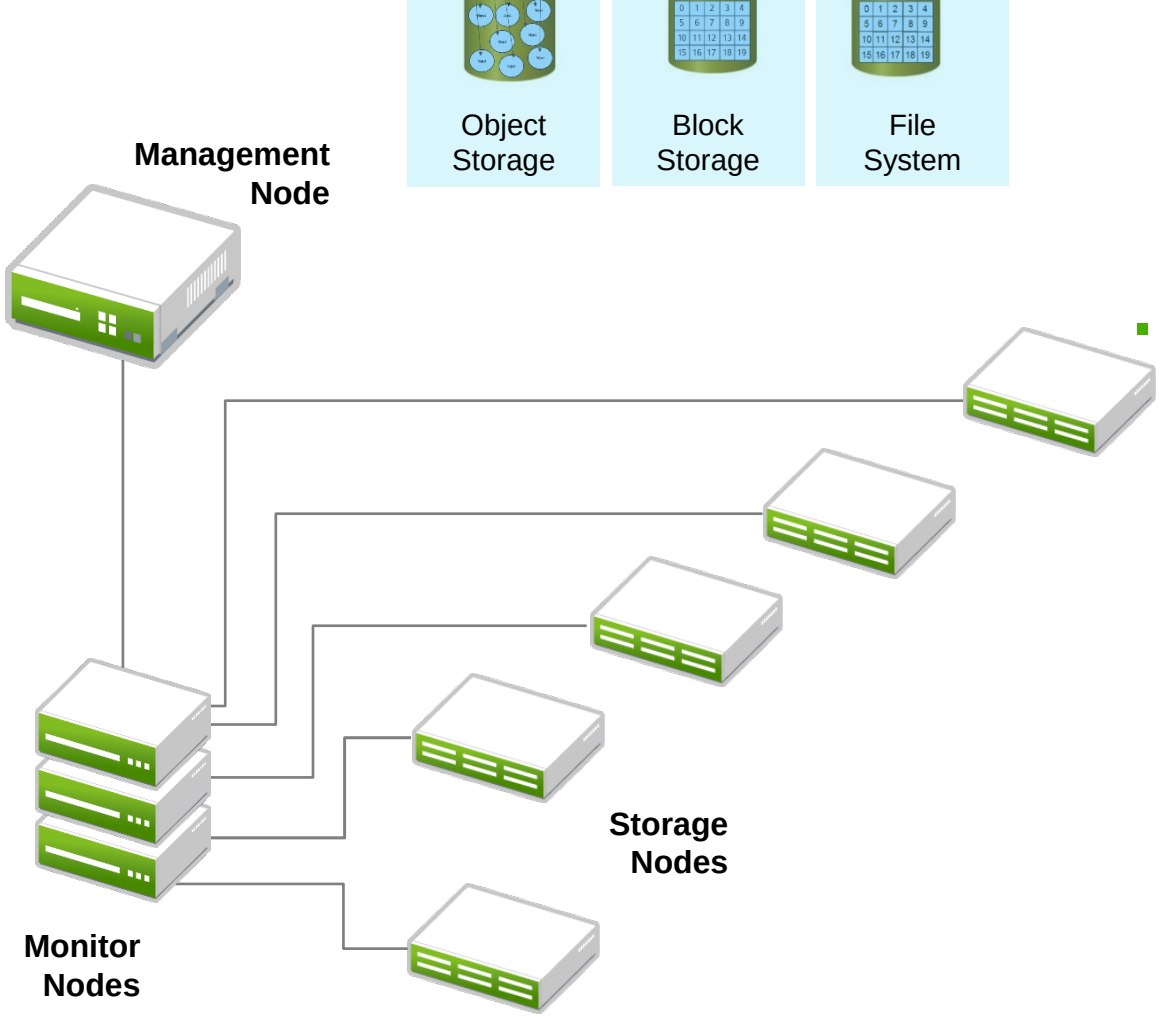
The Ceph Board

SUSE We adapt. You succeed.
CERN
CISCO
intel
FUJITSU
SanDisk
redhat
CANONICAL

SUSE Enterprise Storage

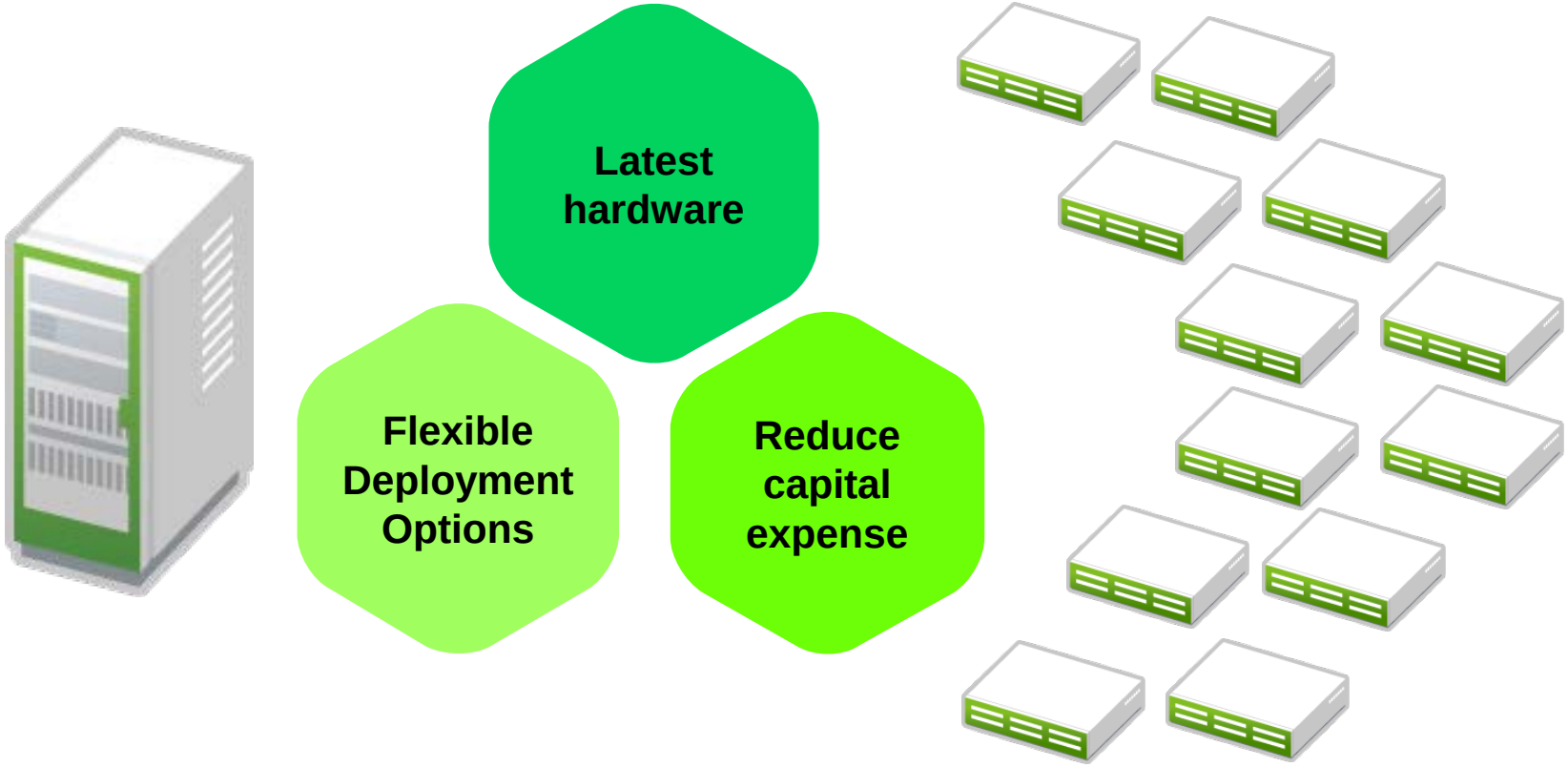
Unlimited Scalability with Self Managing Technology





SUSE Enterprise Storage

Enterprise Class Storage Using Industry Standard Servers and Disk Drives



SUSE Enterprise Storage

Traditional Datacenter

Legacy Datacenter

- Network, compute, and storage silos
- Traditional protocols – Fibre Channel, iSCSI, CIFS, NFS

Process-driven

- Slow to respond

This is what customers have today

Software Defined

Software Defined Data Center

- Software-defined everything

Agile infrastructure

- Supporting a DevOps model
- Business-driven

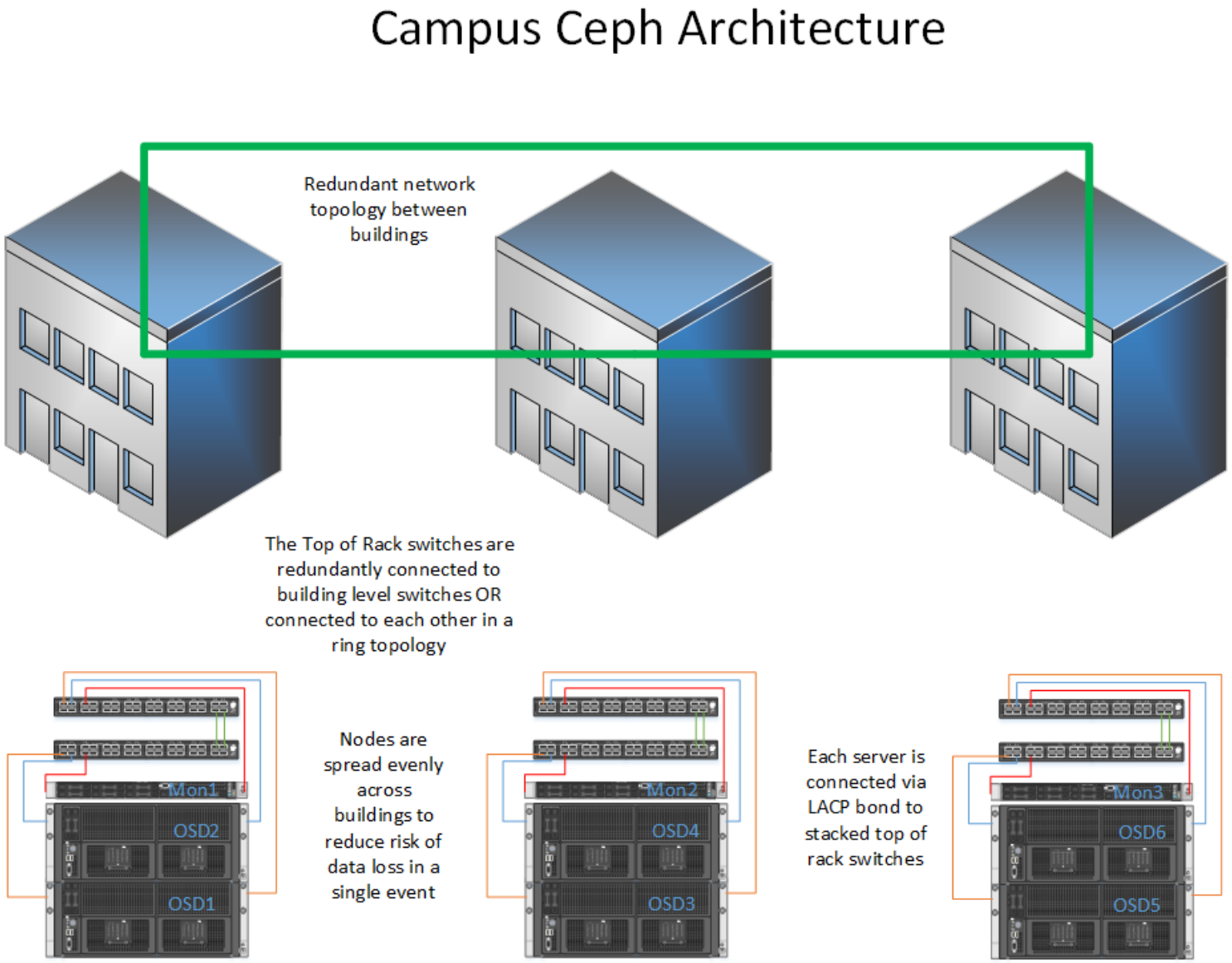
This is where customers want to go

Support today's investment

Adapt to the future

SUSE Enterprise Storage Doesn’t Want You To Suffer Loss

Expandable 720TB Infrastructure



3x copies of data
Infinitely Expandable

SUSE Enterprise Storage Gets Stuff Done

Content Store

Scientific Organizations

- Meteorological data
- Telescope recordings
- Satellite feeds

Media Industries

- TV stations
- Radio stations
- Motion picture distributors
- Web music/video content

Video Surveillance

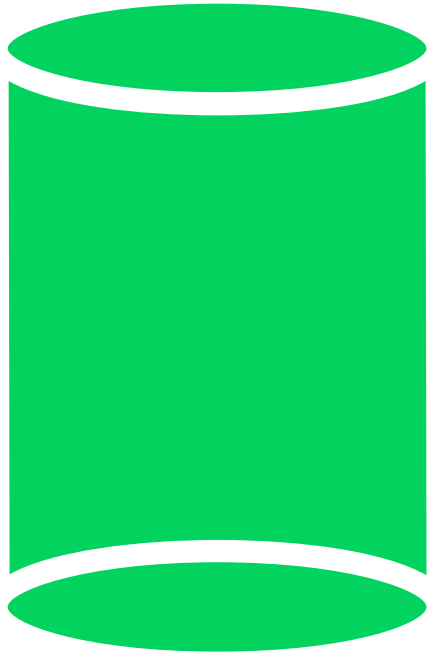
- Facility security surveillance
- Red light/traffic cameras
- License plate readers
- Body cameras for law enforcement
- Military/government visual reconnaissance

Object or block bulk storage

- Data that constantly grows during the course of business
- SharePoint data
- D2D Backup
  - HPE Data Protector, CommVault, Veritas and others
- Financial records

Virtual Machine (VM) Storage

- Ceph is already the leading storage choice for OpenStack environments
- Low and mid i/o virtual machine storage for major hypervisor platforms
  - kvm – native RBD
  - Hyper-V – iSCSI
  - VMware - iSCSI



With SUSE Enterprise Storage, you can...

- Scale quickly, easily, inexpensively
- Automate data management for greater efficiency
- Use commodity off-the-shelf (COTS) hardware to lower CAPEX costs
- Get out of vendor lock-in
- Access the latest processor, memory or storage technology – today
- Deploy SDS in your current data center AND take it with you into your next generation data center

Thank You!