



# Support Remote Offices with Robust Storage from SUSE and Micro Focus

As data volumes skyrocket, managing the load is getting harder with traditional storage solutions. Add to that the further complexity of managing data across secondary locations, branch offices or retail outlets and the IT burden only escalates. Smart businesses are turning to software-defined storage (SDS). With a backup and SDS solution from SUSE and Micro Focus, you get unlimited, compliance-ready storage to back up data at remote locations or manage all data from a centralized point.

## SUSE Enterprise Storage and Micro Focus Data Protector at a Glance:

- **Scalable:**  
Grow your storage without limits.
- **Compliance-ready:**  
Keep backup copies and store data in secondary locations to meet regulatory demands.
- **Cost-effective:**  
Use industry-standard hardware and the SUSE node-based subscription model to control costs.
- **Easy to set up and manage:**  
Get file, block and object storage in one system that requires little IT intervention.
- **Products:**  
SUSE Enterprise Storage  
Micro Focus Data Protector

## Simple, Cost-Effective Data Backup and Storage at Remote Offices

Micro Focus Data Protector is a single solution that can administer backup, restore and disaster recovery processes across hybrid IT environments. SUSE® Enterprise Storage, powered by Ceph, is designed as a distributed storage cluster to provide unlimited scalability from tens of terabytes to petabytes. Together, the two technologies form a powerful solution for data backup and storage at all of your business locations, whether located across the continent or across the street.

Ceph is an industry-leading SDS solution and the most popular one among OpenStack users. It offers low-cost, high-capacity file, object and block storage that makes it a strong contender for backup use cases.

## UNLIMITED SCALABILITY

Data Protector and SUSE Enterprise Storage have no limits to the amount of data they can scale to handle. Simply add hardware and the cluster rebalances, enabling you to grow along with your data. You can either send your data straight through Data Protector to SUSE Enterprise Storage or supplement your existing infrastructure so you don't have to replace existing storage appliances at remote offices.

Using SUSE Enterprise Storage, a single system administrator can easily manage up to 4 PB of data. That's six times more than an administrator in an equivalent block-storage environment. The system can scale horizontally even further, with increased performance results.

## COST-EFFICIENT OPERATIONS

SUSE Enterprise Storage is the most affordable way to grow your storage because

# Together, SUSE Enterprise Storage and Micro Focus Data Protector provide unlimited, compliance-ready storage that can easily support remote office and branch office IT environments.

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you pay by node, not for every gigabyte you store. You get enterprise-class functionality without having to pay for enterprise-class hardware. In fact, in a [five-year total cost of ownership study](#), IT Brand Pulse found that SUSE Enterprise Storage outperformed every one of the competitors.

The latest version of SUSE Enterprise Storage helps to reduce data storage overhead with BlueStore and increases disk space efficiency through erasure coding.

In addition to these SUSE Enterprise Storage features, Micro Focus Data Protector enables deduplication, which reduces network bandwidth consumption. Once the data is deduplicated, it is seamlessly moved across the backup stack without rehydration.

## Centralized Storage Administration for Offices with Little or No IT Staff

Centralizing storage and backup of data from numerous offices, locations and geographies can help save you time and money. SUSE Enterprise Storage and Data Protector enable those savings by reducing the administrative load for offices that don't have full-time IT staff.

## EASE OF MANAGEMENT

Data Protector's ability to predictively track service-level agreements (SLAs) makes it easier for IT teams to manage and ensure adherence to SLAs.

The self-managing and self-healing properties of SUSE Enterprise Storage further reduce the IT management burden and costs. In the event that a disk or node fails, the cluster automatically adjusts workloads and keeps operating without a hitch. This can be an especially useful advantage when a full IT team isn't present at the cluster's location, as it keeps storage available while allowing that team to minimize trips to the cluster location.

## COMPLIANCE-READY STORAGE

Together, SUSE Enterprise Storage and Data Protector can help you back up data or store additional copies in different locations to meet various compliance requirements. For instance, remote sites can keep a local copy of the backup while also sending a copy to central or disaster recovery sites.

## Disaster Recovery across the Enterprise

SUSE and Micro Focus can help you avoid the risk of regional disasters such as

hurricanes or floods by making it easy to back up remote office data to an off-site location running SUSE Enterprise Storage.

Data Protector offers automated, centralized, bare-metal recovery from physical to physical, physical to virtual, virtual to virtual and virtual to physical from any backup set at no additional cost. Automated retention and replication management across different backup media, storage tiers and locations are important tools that help you recover from unexpected incidents and get back up and running quickly.

## Components of the Solution

### SUSE ENTERPRISE STORAGE

SUSE Enterprise Storage runs as an extension on SUSE Linux Enterprise Server, a secure, open source server operating system that helps you accelerate innovation, improve system reliability, comply with evolving security requirements and adopt new technologies.

SUSE Enterprise Storage offers:

- *Fast setup and deployment, usually requiring less than two hours' configuration time after hardware is unpacked and ready*

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- *Automation to save IT administrators time and effort*
  - *Faster time to recovery in the event of disasters and unplanned downtime*
  - *Ultimate scalability to handle massive data sets and virtually unlimited growth potential*

SUSE Enterprise Storage features in the [Gartner Critical Capabilities for Object Storage report](#) as the highest-ranking Ceph storage solution reviewed.

#### **MICRO FOCUS DATA PROTECTOR**

Data Protector is an enterprise-grade backup and disaster recovery solution for large, complex and heterogeneous IT

environments. Built on an adaptive architecture that combines security and analytics, it can help you meet your continuity needs reliably and cost-effectively.

Mirco Focus Data Protector offers:

- *Standardized protection that works across diverse environments*
- *Compression, deduplication, storage management and analytics to help you better use your infrastructure*
- *A highly reliable and secure backup environment with low overhead*
- *Predictive analytics, automation and other tools to efficiently manage the backup environment*

#### **Partnered to Keep You Competitive**

SUSE and Micro Focus have been working together for many years to provide enterprise-grade software solutions that enable you to stay competitive with transformative technologies. We bring complete solutions that provide security, bring operational efficiencies and deliver a platform for innovation.

Meet your evolving storage and backup needs with the partnership committed to your success.

**“[With SUSE Enterprise Storage,] we can minimize the need to make emergency data center trips that are costly and disruptive to our work. We can also plan repair and maintenance activity in a much more effective way.”**

**MARK HERRUER**  
*Founder and CEO*  
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