



# DataCore enables risk-free virtualization of business critical applications

The most comprehensive storage software that complements server virtualization by eliminating storage challenges.

## Introduction

Organizations are realizing the benefits that virtualization brings to the datacenter. However, in most cases, they are reluctant to virtualize business critical applications. They don't want to impact the performance or availability of these applications.

## The Challenge

IT administrators must maintain service level agreements (SLAs) as they virtualize business critical applications. To meet this requirement they must deliver superior performance, high availability, and simplified management- all while reducing costs.

## A box doesn't meet the needs

Organizations are realizing that they need to virtualize business critical applications, but are hesitant to do so. They are constrained because they cannot guarantee the following:

- Consistent application performance in a virtualized environment.
- High availability without significantly impacting their budget.
- Gracefully meet applications changing needs.

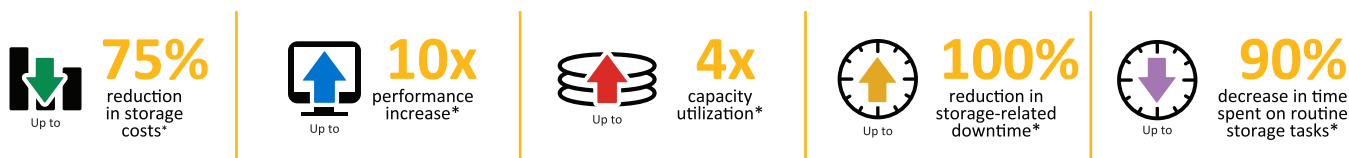
Lack of storage capabilities and visibility across storage resources limits them from virtualizing these applications.

## Ideal Solution

Organizations need a software-based storage to meet the needs of virtualizing business critical applications. DataCore's Software-defined Storage (SDS) enables cost-efficient performance, enterprise-class availability, and simplified management.

DataCore SDS storage leverages existing storage and delivers comprehensive storage functionalities. IT administrators can create a pool of heterogenous storage under one management tool and achieve the same enterprise-class storage benefits.

## With DataCore Solutions For Enterprise You Can Achieve These Impressive Results.<sup>1</sup>



Work Cited: 1. Research results by TechValidate ([www.techvalidate.com](http://www.techvalidate.com)).

DataCore provides following benefits:

### Adaptive Performance

DataCore SDS guarantees performance for business critical application by maximizing storage hardware throughput. DataCore accelerates performance with DataCore™ Adaptive Parallel I/O architecture and caching irrespective of type (read vs write) or IO mix (random vs sequential.)

### High Availability

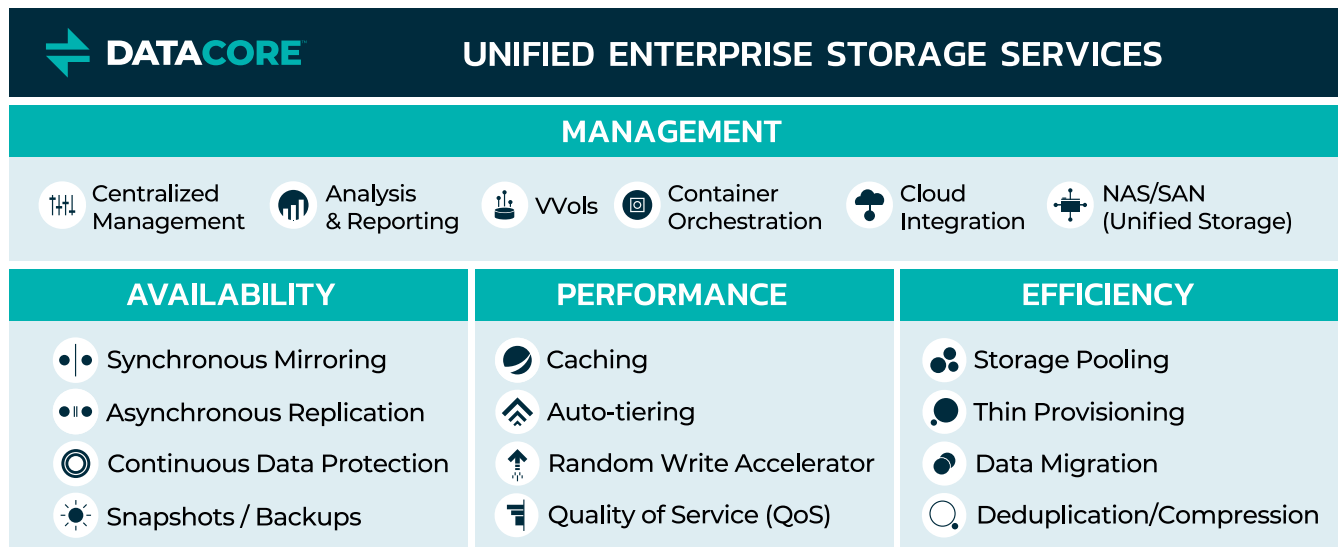
DataCore SDS enables simple and affordable availability across heterogeneous storage. Customers using DataCore SDS not only experience an enterprise-class environment with zero downtime and maintenance, but also an affordable solution as they can mirror data between Tier 1 and lower tier of storage.

### Unified Storage Management

DataCore SDS is easy to deploy and manage, and can be set up by an IT generalist. Its single management console meets changing business needs by delivering a single pane of management for all the storage.

### Summary

DataCore SDS is a software technology that enables risk-free virtualization of business critical applications. It meets business needs by enabling enterprise-class storage functionality across heterogeneous storage.



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Due to the software-defined storage approach of DataCore’s SANsymphony, we now no longer have storage vendor lock-in, which gives us greater purchasing power and we can grow cost-effectively as needed using the cost/performance metrics needed at the time of growth. Plus, additional functionality such as auto-tiering has added to the performance increases we have seen.” *Johan Reinalda - Senior Director Network Infrastructure and Support Services at Thunderbird School of Global Management*

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For additional information, please visit [datacore.com](http://datacore.com) or email [info@datacore.com](mailto:info@datacore.com)

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