

# EMC Virtual Architecture for Microsoft SharePoint Server

## Business Challenge

People use information to drive business outcomes. These outcomes include developing customer relationships, driving innovation, and improving operations to facilitate collaboration. These objectives need to be achieved by deploying the most flexible, cost-effective infrastructure possible.

Your organization uses Microsoft Office SharePoint Server 2007 to facilitate collaboration, provide content management features, implement business processes, and supply access to information that is essential to organizational goals and processes. But deploying Microsoft SharePoint is only part of the answer. It can lead to distributed farms with direct-attached storage resulting in increased cost and management complexity as well as underutilized assets. Deploying a consolidated Microsoft SharePoint environment using VMware® on EMC® information infrastructure is the complete solution.

You need to ensure your information infrastructure provides the requisite performance, scalability, and availability that your users require. You need to take control of your IT infrastructure and help it reach its full potential by using virtual infrastructure solutions from EMC. Not understanding this relationship can result in:

- Lost productivity and competitiveness if data is not available due to infrastructure failures and/or data unavailability
- Inability to get timely insight out of information due to slow query response and application performance
- Negative impact on collaboration and information sharing due to infrastructure limitations
- Inability to plan for, manage, and respond to the challenge of increasing data growth
- Increased cost due to decentralized SharePoint deployments and inefficient infrastructure utilization

You need to ensure that the underlying information infrastructure supports your requirements for application performance, infrastructure ROI, scalability, resiliency, availability, data protection, and data growth management.

## Solution Description

The EMC Virtual Architecture for Microsoft SharePoint Server is designed to address requirements for performance and scalability of Microsoft SharePoint infrastructure in virtualized environments using VMware. Whether you are deploying a new SharePoint implementation or consolidating numerous SharePoint farms, EMC has validated best practices and reference architectures for optimal layout and configuration to ensure a responsive, appropriately scaled, high-performance infrastructure.

EMC has documented integrated solutions and best practices that define how to optimally configure a storage design to support user requirements and achieve the required I/O performance. With this solution, EMC has documented methodologies for identifying and analyzing potential bottlenecks within the SharePoint stack. EMC understands the impact of virtualization and has the expertise to apply this knowledge to your particular business and technical requirements.

## Why EMC for Microsoft SharePoint Infrastructure

Whether you are looking to design and deploy an enterprise-scale SharePoint infrastructure to support many thousands of users, or a smaller-scale environment, EMC offers a robust portfolio of validated solutions, expert services, and industry-leading technologies that can accelerate your time to value and lower your risk of deployment.

- Proven experience across diverse SharePoint environments for both physical and virtualized environments
- Integrated solutions that accelerate the time to benefit from virtualization, including asset utilization, simplified management, and flexibility
- Documented reference architectures and best practices to address a range of user workloads and business requirements
- A comprehensive unified tiered storage portfolio to address current and future workload requirements
- Thought leaders with elite Microsoft certifications who provide in-depth expertise and insight
- A broad range of expert services to address planning, design, implementation, and support requirements
- Comprehensive alliances that leverage the leadership and innovation of both Microsoft and VMware

With EMC's unified tiered storage, solution validation approach and extensive experience in diverse customer environments—including physical, virtual, and hybrid infrastructures—you can be assured that EMC has the experience to design, implement, and support an optimally configured SharePoint infrastructure deployment using VMware information infrastructure.

## EMC Microsoft Practice

EMC Microsoft Practice provides business-driven IT professional services for the planning, design, implementation, and integration of Microsoft- and EMC-related technologies. EMC offers unmatched depth and breadth of expertise in Microsoft SharePoint and .NET technologies.



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### Take the next step

The EMC Virtual Architecture for Microsoft SharePoint Server is part of EMC's extensive solution portfolio for Microsoft applications. To learn more about this and other solutions, visit [www.EMC.com/solutions](http://www.EMC.com/solutions) or contact your local EMC representative.