

SIMPLIFY

the deployment of Microsoft Exchange Server 2010 with the all-inclusive HP E5000 Messaging System.

HP E5000 Messaging System for Microsoft Exchange Server 2010

Solution brief

Is your messaging system evolving with your business demands?

Communications are the fuel that businesses grow on. Email, voicemail, instant messaging, social networking messages, faxes, shared calendars, and centralized contacts are all essential for boosting productivity and collaboration. Email has evolved from more than just text—and audio, video, and document attachments have capacity requirements skyrocketing. Many employees in your organization spend more than two hours a day¹ simply managing their email to stay on their mailbox size limits. It's no surprise that email storage requirements are doubling every 18 months.²





Adding to the problem is the number of devices including laptops and Smartphones requiring 24x7 access to email. End users have new expectations for keeping every message available for longer periods of time. Finally, regulations require IT to archive everything—making messaging more costly to deploy, more complex to manage, and more difficult to enable for high availability.

¹ The Radicati Group, Microsoft Exchange Server Market Analysis, 2010–2014—Executive Summary, April 2010

² As estimated by HP analysts



Figure 1
HP E5000 product offerings.

HP E5000 Messaging system for Microsoft Exchange		
E5300	<ul style="list-style-type: none"> • 500 1 GB mailboxes* • 12 TB raw capacity 	
E5500	<ul style="list-style-type: none"> • 1,000 1 GB mailboxes* • 16 TB raw capacity 	
	<ul style="list-style-type: none"> • 1,000 2.5 GB mailboxes* • 32 TB raw capacity 	
E5700	<ul style="list-style-type: none"> • 3,000 1 GB mailboxes* • 40 TB raw capacity • Includes 2 E5000 expansion nodes 	
	<ul style="list-style-type: none"> • 3,000 2.5 GB mailboxes* • 80 TB raw capacity • Includes 2 E5000 expansion nodes 	
Options	<ul style="list-style-type: none"> • 12 and 24 TB expansion nodes 	

*Not limited to these numbers; mailbox count and sizes are configurable

Microsoft® has addressed these issues with new capabilities by enabling large, low cost mailboxes in Exchange Server 2010. Many organizations have stretched their old messaging systems while focusing IT resources on other applications and services, but the time has finally come to update your messaging system. However, you may question:

- How do we start our Exchange 2010 upgrade planning?
- What is the scope and complexity associated with the planning, configuration, and deployment of Exchange 2010?
- Do we have the ability to scale and add resources and capabilities to the solution as business needs change over time?
- Who can help us understand the challenges associated with an upgrade or migration?
- How do we know we are making the right decision?

HP can help. We've partnered with Microsoft to deliver solutions comprising software, servers, storage, networking, and support. This has pioneered a new category of solutions called "converged application solutions" that are designed by both HP and Microsoft.

A single unit for deploying Exchange 2010

HP E5000 Messaging System is the industry's first fully self-contained platform built for Microsoft Exchange Server 2010 to deliver enterprise-class messaging to businesses of all sizes. Built as a turnkey solution that can be up and running in a few hours vs. days, E5000 gives you the features you want: large low cost mailboxes, centralized archiving, and 24x7 access from any device.

With E5000, simplicity is key. It is easy to setup, scale, and manage, while allowing you to meet new demands affordably. Each E5000 System delivers greater simplicity and accelerates deployment with preconfigured solutions—starting at 500 mailboxes—while providing large mailboxes. E5000 Systems can grow by either adding storage capacity for even larger mailboxes or by clustering multiple appliances together for additional mailboxes. Your organization can now take advantage of:

Jointly developed appliances

- The E5000 is a preferred solution for Exchange 2010—jointly designed by HP and Microsoft.
- Best practice configurations are built-in—thereby simplifying planning activities.
- Our 25-year partnership gives you the expertise you need, coupled with peace of mind.

Purpose-configured hardware

- Preconfigured single part numbers simplify planning and deployment.
- Presized and pretested solutions help meet service levels.
- Fewer components simplify implementation and reduce acquisition and maintenance costs.
- Optional capacity upgrades allow you to expand in tandem with business needs.

Deployment wizards

- Validation tools analyze your Windows® architecture to adhere to Exchange best practices.
- Step-by-step deployment wizards help you get up and running fast.

Efficient power and cooling features

- Reduce data center footprint and power consumption to realize a lower total cost of ownership.

Simplified management and high availability

- Use the industry's best remote management tools including iLO 2.
- Take advantage of new, built-in Exchange 2010 availability features.
- Implement across multiple sites to keep messaging online, even during a site failure.
- Leverage integration with existing management suites such as HP Systems Insight Manager and Microsoft System Center.

A single-support contract

- Streamline your support experience with a single point of contact for the entire solution spindle to application—servers, storage, networking, Windows, and Exchange.
- Avoid vendor hassles and delays in getting issues addressed.
- Simplify interactions with technical support and spend less time managing integration issues.

Rich consulting capabilities

- Leverage our decades of experience with Messaging and Unified Communications.
- Upgrade to Exchange 2010 with the HP “factory” model.
- Migrate from Lotus Notes or GroupWise to the new Messaging system and Exchange 2010.
- Integrate with Microsoft Lync for Unified Communications.
- Extend messaging to Unified Communications and collaboration functions that meet your business needs.

HP E5000 delivers

HP and Microsoft have jointly developed the E5000 Messaging System to provide a single unit for deploying Microsoft Exchange 2010. The series includes everything that you need to run a highly available Exchange environment—blade servers, direct attached storage, integrated networking, two seats of Windows Server 2008 R2 Enterprise Edition, integration and deployment tools, and three years of warranty and support. With E5000, you can leverage complete, business-ready Exchange 2010 appliances—simplified for continuous availability. By integrating, you can:

- Let HP and Microsoft make the tough decisions for you
 - Plan and configure in seconds
 - Deploy quickly and with confidence, using HP-developed, quick-deployment tools

HP Services

HP offers a comprehensive range of services to support Exchange Server and all aspects of the Microsoft messaging infrastructure—from strategy and design to transition, operation, and continual improvement.

Your HP E5000 Messaging System purchase includes three-year, 24x7 hardware and software support from HP. This support covers all components of E5000 Messaging System, including the Microsoft software. It's just the kind of consistent, comprehensive support you need to increase performance and availability.

When you determine you need additional proactive and reactive support for your HP E5000 Messaging System, choose from these HP services:

- **HP Proactive Select:** A service package that includes credits, so you can choose the necessary services from a menu of options.
- **HP Critical Advantage:** Provides an assigned account team to deliver support and maintain uptime of business-critical, virtualized environments.

If your HP E5000 Messaging Systems is being integrated into larger, more complex environments, consider additional HP Mission Critical offerings, including HP Proactive 24 Service or HP Critical Service.

- **HP Proactive 24 Service:** Provides proactive advice and assistance that can help you improve the effectiveness of your E5000 Messaging System and your overall infrastructure.
- **HP Critical Service:** Provides a comprehensive proactive and reactive support solution for businesses looking to reduce risk and improve efficiency.

- Avoid risk in meeting service levels and keep operational costs down
 - Maintain service levels with presized and pretested configurations that are self-contained, isolated hardware resources—so no other aspect of your environment is impacted. Do away with support hassle and vendor problems with a single-support contract for the entire solution.
 - Reduce total cost of ownership with efficient hardware design and integrated management.
- Scale as and when required
 - Increase the number of mailboxes or mailbox sizes with ease.
 - Improve availability and archive with new high-availability features and optional cloud services from HP.
- Accelerate remote office deployment with:
 - Standardized and repeatable deployments.
 - Simplified and centralized remote management.
- Choose from five simple solutions purpose-configured, presized, and pretested to reduce uncertainty with your Exchange 2010 upgrade.



The HP and Microsoft advantage

HP is the partner of choice for Exchange 2010. With over 25 years of experience and partnership with Microsoft, HP is the proven leader in Microsoft Exchange deployments—and provides comprehensive storage offerings for Exchange 2010. With 23,000 Microsoft-trained and more than 11,000 Microsoft certified professionals, HP has one of the largest, most specialized forces of consultants and support professionals for Microsoft environments. HP has migrated or upgraded millions of Exchange seats since version 1. HP is the largest OEM and Gold Certified Partner for Microsoft, and has been awarded “Microsoft Global Enterprise Partner of the Year” five times. In fact, HP is the only vendor to provide a purpose-configured Exchange appliance with a single-support contract for Exchange, servers, storage, and networking.

Simplify business-optimized messaging

Business is more about change today than ever. The call for more compute and storage resources, or more email capacity, can come without notice—and usually without regard for budgets or schedules. Here’s where E5000 truly delivers a single turnkey solution for higher business user productivity, better performance, and low-cost storage availability. Transform the economics of information for Exchange 2010 with the E5000 Messaging System and simplify messaging across your organization.

To know more about how you can implement complete business-ready Exchange 2010 appliances, simplified for continuous availability, visit: www.hp.com/go/e5000



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