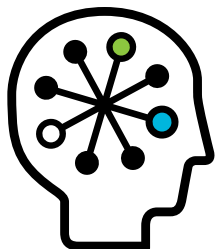


HP Solution Block for Microsoft Exchange Server 2010

Mastering business-optimized messaging through new levels of reliability and performance

HP Solution Block solution brief



You've got mail...and more mail...and more mail... and more mail...

The communications world is more mobile and complex than ever with greater demands on your messaging infrastructure—just take a look at your inbox. The growing amounts of e-mail, contacts, attachments, calendars and other communications mean you need higher reliability and performance from your messaging solution.

Microsoft® Exchange Server 2010 built on an HP infrastructure helps give you that reliability and performance. Building on the native replication capabilities introduced in Exchange Server 2007, Exchange Server 2010 presents new features that simplify e-mail archiving, unify your voicemail and e-mail inbox, and meet demands for greater business mobility.

More flexibility, more features

Microsoft Exchange Server 2010 gives you the flexibility to tailor your deployment to your users' unique needs. You can choose from traditional on-premises deployment or take advantage of the flexibility and power of cloud-based/hosted messaging services—all without interrupting or changing your users' experience.

Exchange Server 2010 also gives your users the freedom to securely access all of their communications from virtually any platform, web browser or mobile device. Supported by newly integrated compliance functionality, functions like archiving, multi-mailbox search and legal holds can be easily implemented to ease regulatory compliance and discovery.

A wide range of powerful HP ProLiant servers provides a rock-solid foundation for the highly flexible Exchange Server 2010 infrastructure. Ranging from versatile rack-mount packages to the innovative HP BladeSystem, HP ProLiant servers and server blades offer a comprehensive, industry-standard server and options portfolio.

HP ProLiant servers and Exchange Server 2010 give you the flexibility to tailor your deployment based on your unique needs—helping you optimize your hardware budget dollars.

Critical to any messaging solution is the scalability and flexibility of the underlying storage subsystem. Combining the economics of industry-leading servers with next-generation storage technology, the HP StorageWorks portfolio gives you a broad range of choices to support an Exchange Server 2010 deployment. From cost-effective direct attached storage (DAS) options to modular storage area network (SAN) options, the HP StorageWorks portfolio spans the economic and scalability spectrum.

To make your lives less complex, HP information management software wraps the entire Exchange Server 2010 infrastructure in a well-organized package. For example, HP Integrated Archive Platform (IAP) integrates tightly with Exchange Server 2010 to lower business risks associated with e-discovery and compliance, and provides Exchange Server business archive capability. Customizable HP education services offer a training framework for the most effective use of Exchange Server 2010 and a targeted approach to move you through your technology transition.

HP equipment and expertise, combined with Microsoft Exchange Server 2010, provides one of the most flexible, reliable and cost-effective messaging systems available. Complemented by a wide array of features and options, the messaging infrastructure gives new levels of reliability and performance, meeting demands for greater business mobility head-on.

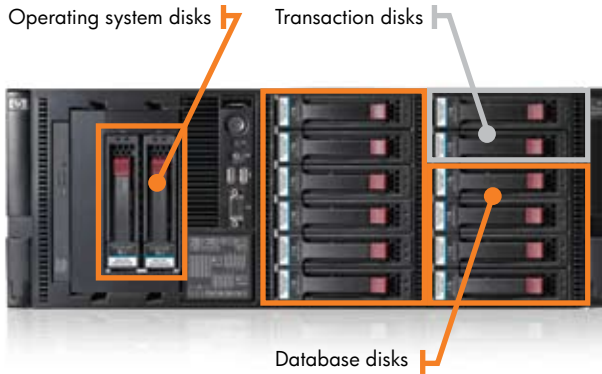
If your messaging infrastructure is being overwhelmed by e-mail and other communications, you know who to turn to. Call your local HP and Microsoft-authorized reseller today to keep your messages flowing, your workers productive and your business thriving.

HP Solution Block

- HP Solution Blocks – application solution definitions available in rack and blade configurations for small and medium-size (SMB), mid-market and enterprise businesses
- The new HP ProLiant DL370 G6 Server – dual-processor compute power in a convenient, 4U chassis
- HP Virtual Connect Flex-10 modules – virtualize network and storage interconnect
- HP Thermal Logic technologies – save system power and control heat
- HP services – technology support, outsourcing and education services for your Exchange Server 2010 environment
- HP ProLiant BL460c G6 Server Blade – packing two Intel® processors, two hot plug hard drives and up to 192GB of memory into a half-height blade

Large form factor (LFF) configuration

HP ProLiant DL370 G6 Server with midline SATA or SAS disks serving hub transport, client access server and mailbox roles



Blade configuration

6 x HP ProLiant BL460c G6 Server Blades serving hub transport, client access server and mailbox roles
2 x HP StorageWorks MDS600



HP recommended configurations for Microsoft Exchange Server 2010 with up to 1000 users and 4000 users respectively – multiple features available according to HP solution tiers supporting various service levels requirements



HP BladeSystem c3000 Enclosure

- Available in either a tower model or rack model
- Up to 8 multi-core, dual processor, half-height blades or 4 full height blades
- Consolidated infrastructure integrating server, storage (network attached storage [NAS] or iSCSI), networking and power management into a single solution that can be deployed anywhere
- Intelligent management through the HP Onboard Administrator gives you complete control of your bladed infrastructure



HP StorageWorks 600 Modular Disk System (MDS600)

- Leverage high-density, low-cost DAS SAS storage for HP BladeSystem servers
- Build local storage on-the-fly with drives "zoned" to individual blade servers
- Enjoy high performance, end-to-end 3 Gb/s SAS connectivity providing a high performance storage solution using an HP Smart Array P700m Controller, HP StorageWorks 3Gb SAS BL switches and the HP StorageWorks MDS600



HP ProCurve 6120G/XG Blade Switch

- Designed for the c-Class HP BladeSystem enclosure
- Includes 16 1Gb downlinks, four 1Gb copper uplinks, two 1Gb SFP uplinks along with three 10Gb uplinks and a single 10Gb cross-connect
- Features a robust set of industry-standard, Layer 2 switching functions, quality of service (QoS) metering, security and high availability features
- Offers excellent investment protection, flexibility and scalability with a variety of connection interfaces



HP Insight Control Suite for Microsoft System Center

- Delivering total control, maximum flexibility and tangible savings with time-smart management software for your HP ProLiant and BladeSystem infrastructure operating in Microsoft System Center environments
- Monitoring servers, storage and more through one simple interface
- Remotely controlling systems at almost any time from anywhere independent of the operating system state

Technology for better business outcomes

To learn more, visit www.hp.com/go/solutionblocks and www.hp.com/solutions/microsoft/exchange

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Microsoft

