

ENJOY

Flexible, reliable,
anywhere access.

HP Solution Block for Microsoft Exchange Server 2010

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

HP Solution Block solution brief

The communications world is more mobile and complex than ever, with greater demands on your messaging infrastructure—just take a look at your inbox. You need higher reliability and performance from your messaging solution.

Microsoft® Exchange Server 2010 built on HP Converged Infrastructure (CI) gives you that reliability and performance.

More flexibility, more features

Exchange Server 2010 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.

Deploying on HP Converged Infrastructure enables you to deliver any application on the fly, flex resources on demand in an optimized way and deliver predictable levels of service.

Start your CI solution with HP BladeSystem, the industry's only "change ready infrastructure" that can handle any workload from client to cloud. Engineered to let you make the most of your scarce resources, HP BladeSystem maximizes every hour, watt and dollar.

Then add HP ProLiant G7 Server Blades, the first in the industry with integrated HP Virtual Connect FlexFabric adapters—the world's simplest, most converged and flexible way to connect servers to any network. This breakthrough networking technology supports Ethernet, fibre channel and iSCSI connections in one module to simplify the server edge with 95% network equipment consolidation and faster deployment of network connections.

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 decrease complexity, HP information management software wraps the entire Exchange Server 2010 infrastructure in a well-organized package. For example, HP Integrated Archive Platform 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.

Microsoft®



HP Solution Block

- **HP Solution Blocks** – application solution definitions available in rack and blade configurations for small- and medium-size, mid-market and enterprise businesses
- **HP FlexFabric networking** – the world's simplest, most converged and flexible way to connect servers to any network
- **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 BL465c G7 Server Blade** – with the latest AMD Opteron processors, and embedded HP Virtual Connect FlexFabric networking technology

HP recommended configuration for 4000 Microsoft Exchange Server 2010 users with 2GB mailbox sizes and copies of databases in DAG

HT server configuration
2 x HP ProLiant BL465c G7 Server Blades
With AMD Opteron 6100 series processors

CAS server configuration
2 x HP ProLiant BL465c G7 Server Blades
With AMD Opteron 6100 series processors

HP BladeSystem c7000 Enclosure
With 8 x HP Insight Control Suite Licenses and two **HP Virtual Connect FlexFabric Modules**

Mailbox server configuration
2 x HP ProLiant BL465c G7 Server Blades
With AMD Opteron 6100 series processors with embedded dual port HP Virtual Connect FlexFabric 10Gb network adapters

SAN storage
HP StorageWorks EVA4400 with 96 x 600GB 10K disks



HP BladeSystem c7000 Enclosure

- The ultimate foundation for building a converged infrastructure, the “change ready infrastructure” can handle any workload from client to cloud
- Up to 16 multi-core, dual processor, half-height blades or 8 full-height blades
- Intelligent management through the HP Onboard Administrator and Insight Control gives you complete control of your bladed infrastructure

HP StorageWorks 4400 Enterprise Virtual Array (EVA4400)

- Enterprise-class availability at an affordable price
- Faster, efficient storage management
- SAP-integrated and proven business continuity and availability features
- Simplified management software and administration interfaces designed to reduce deployment complexity and operational costs
- Easy installation and configuration via host configuration utility

HP Virtual Connect FlexFabric

- Eliminates 95% of network sprawl at the server edge with one interconnect and one wire that connects servers to any data or storage network
- One module supports Ethernet, fibre channel and iSCSI connections; eliminate network interface cards and host bus adapters in each server with built-in HP FlexFabric Adapters
- Wire-once, then add, move and change network connections in minutes versus days
- 65% lower equipment costs; 40% savings on power and cooling

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 anytime from anywhere independent of the operating system state



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4AA2-7995ENW, Created September 2009; Updated September 2010, Rev. 2

Microsoft

