connecting users on the move

mobile messaging and wireless solutions for hp ProLiant BL server blades

wireless access to information and communications

At the airport, in a hotel, touring a customer facility, having coffee—your people need ubiquitous, real-time access to the information and communications that drive your business. No wonder a recent Gartner study revealed that approximately 75 percent of Fortune 1000 enterprises will evaluate or implement a wireless deployment by the end of 2002. But to ensure the success of your wireless implementation, you need an infrastructure that can handle rapid growth and adapt easily to changing requirements.

HP has the answer: powerful, yet flexible, mobile messaging and wireless application gateway solutions that gives your workforce the freedom to roam untethered from the wired world—to stay productive regardless of time or location. Combining software from industry-leading vendors, with ultra-dense ProLiant BL e-Class and high-performance ProLiant BL p-Class server blades from the new HP, along with state-of-the-art hand-held devices and expert professional services, HP provides you with complete, secure, and highly adaptable mobile messaging and wireless solutions.

Mobile messaging and wireless solutions from HP are the key to delivering better, faster service to customers, capitalizing on new business opportunities, and helping employees maximize the use of their precious time.

benefits

- **adaptability** – The HP Adaptive Infrastructure vision and innovative ProLiant blade technologies provide a flexible foundation for rapid deployment and automated provisioning
- **high performance and availability** – Advanced Intel® processors and redundant components, along with load balancing, maximize performance and availability

- **scalability** – Server blades can be deployed and redeployed in just minutes, reducing operating system installation and server provisioning time by up to 300%
- **cable reduction** – Innovative design cuts cabling at least 80%.* The interconnect switch is used to consolidate server blade network cables to a manageable quantity. In addition to network cabling reduction, the ProLiant BL server blades are designed for headless management so there are no keyboard, video, or mouse cables to connect.
- **lights-out management** – Integrated technology allows remote deployment, configuration, monitoring, and management for more effective control of distributed remote sites and data centers
- **innovative tools** – ProLiant Essentials Software from the new HP enables dynamic resource scaling, virtual presence and control, rapid deployment, and automated provisioning
- **best practices** – Documented best practices and deployment guidelines provide for faster solution deployment, higher quality, and rapid return on investment
- **world-class hp services** – Global support and single point of accountability are your assurance of long-term success

* Compared to traditional 1U servers using an interconnect switch

innovative wireless connectivity

With mobile messaging and wireless solutions from HP, you gain the flexibility to easily and efficiently support the growing demand for wireless connectivity anywhere in your enterprise. Working in partnership with Microsoft®, Lotus®, Research in Motion, Infowave Software and Extended Systems, HP provides comprehensive solutions that serve mail and messaging applications to all types of wireless devices, including the iPAQ Pocket PC and the iPAQ BlackBerry hand-held from the new HP and a variety of laptop devices.

In addition to point solutions for individual applications, HP also offers a comprehensive mobile solution—the HP Wireless Enterprise Framework—which connects a wide range of wireless devices to enterprise applications, while providing remote users with access to corporate email, calendar, and contacts. This innovative wireless environment further takes advantage of the HP Adaptive Infrastructure vision, which leverages unifying industry standards and next-generation ProLiant technologies to help you adapt, conserve, and respond to changing business conditions.

hp®

i n v e n t

rapid deployment, cost-effective management

ProLiant BL e-Class and p-Class server blades play a central role in enabling rapid deployment and flexible, cost-effective management of your mobile messaging and wireless solution. ProLiant BL e-Class edge-server blades offer industry-leading, power-efficient performance and scalability, while the ProLiant BL p-Class blades offer enterprise performance and availability.

Developed for adaptive computing, and optimized for rapid deployment and automated provisioning, these flexible servers provide dynamic scaling, and are remotely manageable from anywhere in the world.

adaptability
ProLiant BL e-Class and p-Class blades maximize your ability to handle dynamically changing business requirements. You can add computing resources by simply snapping in a new blade. And because they support dynamic resource scaling, you can deploy and redeploy hundreds of blades by simply dragging and dropping predefined scripts and images. Graphical tools provided with ProLiant Essentials Rapid Deployment Pack Software make it fast and easy.

performance and availability
ProLiant BL p-Class blades also bring a new level of performance and availability to enterprise computing in a blade form factor. With key component redundancy, intelligent management, and "rip-and-replace" serviceability, these feature-packed servers deliver the uptime you need to meet the intense demands of mobile messaging and wireless computing.

economy
For all their power and versatility, ProLiant BL p-Class blades are designed with economy in mind. A flexible forward-compatible infrastructure accommodates future blades with increasing performance, and offers plenty of power headroom so you don't have to repurchase power infrastructure for the next generation of blades. Automated, dynamic provisioning greatly reduces the burden on IT staff—along with the associated costs.

lights-out management
In addition, major management savings come from the HP Integrated Lights-Out management capabilities. For example, using these capabilities you can install, configure, monitor, update, and troubleshoot remote ProLiant BL p-Class blades from anywhere, anytime—all via a standard web browser. And your entire ProLiant server infrastructure is easily managed with HP Insight Manager, which includes a visualization tool that provides up-to-the-minute status of all the blades in a rack, with full graphical location detail.

more information

For more information on how HP can help you deliver secure, flexible wireless applications to a heterogeneous user community, while minimizing cost and complexity, please contact your HP representative or reseller, or visit **hp.com/solutions/activeanswers/exchange-mobility**.

hp dynamic internet solutions architecture (DISA)

Twenty ProLiant BL10e 1P server blades (firewall, load balancer, security, DNS, DHCP, and web servers)

Sixteen ProLiant BL20p 2P server blades (mobile messaging and wireless gateways)

Power for ProLiant BL20p 2P server blades

ProLiant DL360 servers, HP Insight Manager 7 and HP ProLiant Essentials Rapid Deployment Pack

Two ProLiant DL580 servers, enterprise applications (Microsoft Exchange, Lotus Domino, SAP, Siebel, e-commerce applications, etc.)

NAS storage