

Openwave Email Solution Brief

Boundary-free communication services

A highly scalable messaging solution

It used to be simple. People worked in one central location where they received phone messages from a receptionist and “snail mail” in their in-boxes. No longer. Now workers have to juggle voice mail, e-mail, and other messaging accounts using multiple devices. Advances in telecommunications have made it easier for people to work in locations other than the corporate office. This increasingly mobile workforce drives the need for more unified and effective communications services. Users need to consolidate messaging services (voice mail, e-mail, fax) and access via all available devices (PCs, cell phones, PDAs). Service providers must differentiate their services so they can attract this mobile workforce. Service providers are adding new revenue-generating services by moving from providing basic e-mail or voice mail services to a full range of unified offerings.

The Openwave Email solution from Openwave Systems Inc. and Compaq

Using Compaq *AlphaServer*[™] systems running the *Tru64*[™] UNIX operating system, Openwave Email[®] is a carrier-scale, IP-based applications platform and the world's leading e-mail application for service providers. Openwave Email, which sets new standards of carrier-class messaging, is offered by Openwave (the combination of Phone.com and

Software.com). Openwave Email has massive scalability, uncompromising high performance, and a host of features designed to ensure reliable operation, uninterrupted access, smooth administration, and customized integration with other systems and services.

Increase customer retention and satisfaction

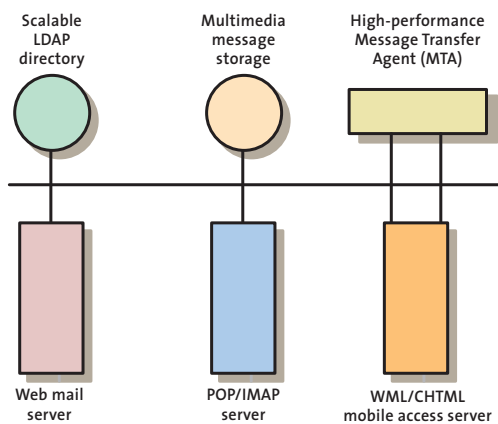
Together, Openwave Email Mx and Compaq cluster technology offer zero message loss, no single point of failure, and no service downtime (even during backups), all of which reduces customer churn. Because of Compaq's cluster technology leadership, this solution, running on Compaq *AlphaServer* systems, is more reliable and available than other UNIX platform solutions.

Increase competitive advantage

Openwave Email helps you gain a competitive advantage by offering a full complement of messaging services—managed outsourcing with delegated administration, IP voice mail and fax, and Web mail. Enhanced class-of-service configuration permits easier, faster creation of fully customizable strategic offerings.

Features at a glance

- > Distributed multi-server architecture and multi-threaded servers enhance scalability and performance
- > Compaq *TruCluster* software ensures high availability and provides a single system image that lets you manage multiple systems as one
- > Support for POP, IMAP, Web mail
- > Class-of-service attributes for fine-grained control of service offerings
- > SSL support for secure mail access
- > Web-based administration and delegated management
- > Standards-compliant LDAP directory
- > Message and database journaling ensures no message loss
- > The Web mail user interface can be customized, branded, and localized
- > Preconfigured solutions from Compaq CustomSystems & Solutions for fast, no-risk deployment



Openwave Email architecture

Manage growth easily

Using Openwave Email on *AlphaServer* systems, you can easily and quickly scale specific functional areas of the system, which helps maintain performance levels through spikes in load or large numbers of additional users. *AlphaServer* systems can support significantly more subscribers and scale twice as fast as the competition.

Reduce cost

Compaq *TruCluster*™ technology lowers your cost of management. You can manage multiple systems as a single system, thus reducing your staffing costs. This ability to easily manage growth allows you to expand your services while reducing operational costs.

The Compaq and Openwave advantage

Solutions expertise

Compaq has a dedicated team of engineers who test and benchmark Openwave Email on the *AlphaServer* platform, which takes the guesswork out of deploying large configurations.

Highly scalable

In an extremely competitive market where success is measured by the subscriber

base, nothing less than carrier-class scalability will suffice. Openwave Email, running on Compaq *AlphaServer* systems, has been proven to scale to millions of users.

Reliability

By leveraging Compaq *TruCluster* technology, Openwave Email provides zero message loss. This unique message-level journaling system stores each message as a pending transaction in a protected journal file. Even in the event of a system failure, undelivered messages can be retrieved up to the point of failure.

Performance

The *AlphaServer* platform consistently wins awards for outstanding throughput and price/performance. Openwave Email has been benchmarked to manage millions of mailboxes with excellent response time.

Availability

The *AlphaServer* platform provides 24 x 7 availability without exception. Openwave Email provides uninterrupted service availability, even during maintenance and upgrade operations. The solution provides the industry's highest levels of continuous availability.

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