



Marketing White Paper

Volution Messaging Server

Few applications are more mission critical than email. This is true whether your organization is massive or only has a handful of employees. Volution Messaging Server is a robust, secure, and full-featured mail server environment engineered for the small-to medium-sized business environment.

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Caldera International (Nasdaq: CALD) provides "Powerful Choices" for businesses through its UNIX, Linux and Volution product lines and services. Based in Orem, UT, Caldera has representation in 82 countries and 16,000+ resellers worldwide. International offices with local employees provide Caldera partners and other customers reliable, localized, global support through Product Support, Professional Services, Training, and Caldera Volution On-Line Subscription Services. For more information on Caldera products and services, visit <http://www.caldera.com>.

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The statements set forth above include forward-looking statements that involve risks and uncertainties. The Company wishes to advise readers that a number of important factors could cause actual results to differ materially from those in the forward-looking statements. Those factors include the failure of the products described above to operate as designed due to incompatibility with some platforms or other defects; our reliance on developers in the open source community; new and changing technologies and customer acceptance of those technologies; the Company's ability to compete effectively with other companies; failure of our brand to achieve the broad recognition necessary to succeed; unenforceability of the GNU general public license; our reliance on third party developers of components of our software offerings; claims of infringement of third-party intellectual property rights; and disruption in the Company's distribution sales channel. These and other factors, which could cause actual results to differ materially, are also discussed in the Company's filings with the Securities and Exchange Commission, including its recent filings on Form 10-Q.

Table of Contents

Table of Contents.....	5
About Caldera International	6
The Caldera Volution Family of Products.....	6
Volution Messaging Server Product Overview.....	7
Who Should Use Caldera Volution Messaging Server?.....	7
How Caldera Volution Messaging Server Works	8
Mail Administrator	8
Volution Messaging Server Key Features and Advantages.....	9
Volution Messaging Server: A Success Story.....	11
Availability	11
Summary.....	11

About Caldera International

Caldera, Inc. was founded in 1994 by Ransom Love and Bryan Sparks. In 1998, Caldera Systems, Inc. was created to develop Linux® system based business solutions. In 2001, Caldera Systems, Inc. acquired the assets of the Server Software Division and Professional Services Division of The Santa Cruz Operation, Inc. (SCO) (Nasdaq: SCOC), forming a new company, Caldera International, Inc. (Nasdaq: CALD).

Caldera International, Inc. provides Powerful Choices for business through its award-winning line of products and services. Caldera harnesses the power of the Web through Linux and the scalability and stability of the back office through UNIX®, creating the first viable Linux enterprise solution for business. Combining the strengths of the UNIX and Linux systems distinguishes Caldera from other Linux companies by offering a single, cohesive family of solutions, from thin client to the data center. Caldera has offices serving over 82 countries and is the first Linux company to create the Linux VAR channel - now the industry leader - with over 16,000 resellers worldwide. For more information, go to <http://www.caldera.com/company/profile.html>

The Caldera Volution Family of Products

The Caldera® Volution™ family of products is designed to deliver a platform that makes it easy to deploy Web-based applications that utilize Web services. Volution products empower solution providers to solve real business problems they face as they expand into an increasingly Web-centric environment.

Caldera Volution Messaging Server

Caldera Volution Messaging Server is a robust, secure, easy to install and manage collaboration server that provides the vital messaging services for today's small-to medium-sized businesses.

Caldera Volution Manager

Caldera Volution Manager is a secure, Web-based, systems management solution that reduces the cost of deploying and managing established versions of Linux and Caldera UNIX systems.

Caldera Volution Online

Caldera Volution Online is a proactive software management service for all Linux systems. It utilizes an extensive base of information and a system that alerts system managers of changes and dependencies.

Volution Messaging Server Product Overview

The Caldera Volution Messaging Server is an advanced, secure, robust, and full-featured mail server that is designed to perform optimally in deployments of 2,500 and less mailboxes. It reduces the total cost of ownership of a mail system by its ease of configuration and simple management. Volution Messaging Server supports the most popular mail clients and mail standards. It runs on either Caldera OpenLinux™ Server or Open UNIX® platforms with LKP. It also integrates with Volution Manager plus 3rd party tools including backup and anti-virus solutions.

Some of the key benefits of Volution Messaging Server are that it is easy to use and manage, saves money, and reduces management overhead. It supports local mailing lists and user address book entries, password controls, and flexible messaging access support from popular browsers or email clients. Plus, it includes an LDAP directory for ease of administration and advanced security.

The licensing model for Volution Messaging Server is simple and straightforward. Caldera provides both server and mailbox licenses for Volution Messaging Server. The basic configuration includes one server license and user licenses for 25 mailboxes, generally sufficient for standard configuration and small-scale mail service. Each user mailbox can have an unlimited number of aliases. For additional mailbox licenses, Caldera provides “bump packs” in 25 and 100 mailbox increments.

Who Should Use Caldera Volution Messaging Server?

Typically, a small-to medium-sized business would find Volution Messaging Server most appealing. It is considered a standalone email system because it meets basic messaging needs such as email and limited calendaring. Other software vendors provide products that deliver more advanced functionality. However, some industry reports indicate that because of the more technical nature and increased cost of ownership, less than 40% of those organizations actually use the extra features.

Some of the common features and benefits that small-to medium-sized businesses require in a mail and messaging server are:

- Cost savings over their current Exchange licensing fees
- Reduced administration requirements
- The ability to easily configure and use Outlook and other email clients
- Compatibility with calendaring and anti-virus software

Volution Messaging Server is an excellent mail server for Outlook clients. It was designed to be managed by a non-technical staff member within the company. For example, a small business like a doctor's office can designate a receptionist the responsibility to add and remove users, reset passwords, and perform other management tasks. Not requiring considerable training or the use of a dedicated system administrator can mean significant savings in administration costs.

Volution Messaging Server is also an ideal platform for Value Added Resellers (VARs) looking to create custom messaging solutions for their clients.

Running Volution Messaging Server on Open UNIX takes full advantage of the underlying benefits of Open UNIX such as Reliant@HA, Caldera's fail-over solution that provides 99.99 percent uptime.

How Caldera Volution Messaging Server Works

A messaging solution comprises mail clients and mail servers. A mail client usually refers to the software that is used to receive, read, print, compose or send email messages. The software may also include features such as address books and email distribution lists. These productivity features usually record personal information and store it on a personal computer.

A mail server is a computer that manages the distribution and storage of email messages. In addition to managing mail distribution, mail servers can also be used to store information. However, many users in a network can share the information stored on a server automatically. With Caldera Volution Messaging Server for example, everyone in a small company could share their home telephone numbers using the same database as their mail server. It would take a long time for everyone to collect and share this information individually.

The Caldera Volution Messaging Server allows mail client users to access information and features on the server using the Preferences Manager graphical interface.

Mail Administrator

Volution Messaging Server is managed by a Mail Administrator. A Mail Administrator is the person responsible for managing mail accounts and ensuring that incoming email is delivered properly. Their duties usually include:

- Creating email accounts
- Providing instruction about using email software
- Responding to questions and solving mail problems
- Protecting mail accounts against unsolicited email (SPAM) and viruses

In a Messaging Server environment, it is the mail administrator who enables access to the Preferences Manager and use of the Messaging Server shared information and capabilities.

The mail administrator also sets policy for:

- Where received messages are stored
- Mailbox quotas
- Size and type of attachments
- Multiple account support

Volution Messaging Server Key Features and Advantages

The following is a summary of key features and advantages of using Caldera Volution Messaging Server:

Feature	Advantage
Versatility	<ul style="list-style-type: none">• Includes LDAPv3 based network directory services via OpenLDAP 2.0.7 directory service• Unsolicited mail (SPAM) filtering capabilities• Powerful HTTP Web Server via Apache, the world's most popular Web server• Mail services are integrated with LDAPv3 Directory Services
Scalability	<ul style="list-style-type: none">• Advanced, scalable, full-featured Internet mail server• Multi-domain mail server capabilities• Base product includes 25 mailboxes, with additional licenses available separately
Fault-Tolerance	<ul style="list-style-type: none">• Proven Caldera reliability; built by the company that developed the world's best-selling UNIX system on the Intel platform
Affordability	<ul style="list-style-type: none">• Affordable replacement for Exchange Server, Notes, or GroupWise. It meets all of the common messaging requirements but at a much more affordable price
Manageability	<ul style="list-style-type: none">• Administration via easy to use Web-based interface• Full command-line administration capabilities for advanced functions• Mail quota enforcement• Multi-domain capabilities• An included LDAP directory for ease in administration of users and computing objects

Interoperability

- Supports many popular mail clients, including Microsoft Outlook 2000, Outlook XP, Outlook 98 and Outlook Express, Eudora, Netscape Communicator 4.7, Kmail, and others
- Flexible messaging access support. Users can access messages from popular browsers or email clients
- Includes support for Microsoft Outlook free/busy calendaring
- Integration with popular third-party virus filtering tools
- Supports remote, sometimes connected clients via IMAP4 and Web-based Mail client
- Supports industry standard SMTP and POP3 messaging
- Handles multimedia and other attachments via MIME

Ease of Use

- Reduced learning curve as a result of a simple installation and management interface
- Graphical, easy installation
- End-user browser-based interface for local mailing lists, user address book entries, and password controls
- One click configuration for Microsoft Outlook 2000 and Outlook XP clients via an easy to use Web-based interface
- Simple text editing allows advanced configuration

Security

- Advanced security features assure that messages and other content are secure
- X.509 certificate support
- SSL 3.0 support
- Mail users don't require system accounts
- Includes openSSH system access
- Ability to enable or disable end-user management functions to fit security policies

Integration with Volution Manager

- Updates to Volution Messaging Server can be easily applied and can receive notifications of system problems with Volution Manager
- Email alerts from Volution Manager can be delivered via Volution Messaging Server and made accessible from either IMAP/POP clients, the Web-based mail reader included in Volution Messaging Server, or third-party email-based paging or fax systems
- Shares the same LDAP directory, providing centralization of management information
- Able to be updated remotely with Volution Online

Third Party Add-Ons

- Shared calendaring and folders software
- Fax software
- Backup software
- Clustering software
- Anti-Spamming software

Future Enhancements

- Global Address Book
- Additional Outlook integration
- Enhancements for replicated sites
- Additional scalability
- New message delivery status features
- Additional/easier anti-SPAM set up/support
- XML messaging/SOAP

Volusion Messaging Server: A Success Story

PalletOne, the largest manufacturer of wooden pallets in the United States, had just split-off from its Texas-based parent company, leaving a challenging technical problem. With its new central office in Barstow, Florida and ten facilities spread across the country, PalletOne was left with virtually no infrastructure to handle its file and print services, mail and messaging, and Web access.

PalletOne installed ten separate T1 lines on internal private networks and implemented two Caldera Open UNIX 8 servers running Caldera Volusion Messaging Server and a T1 line out to the Internet. The Volusion Messaging Server was used to maintain the email continuity to which PalletOne was accustomed. PalletOne's employees were already familiar with the basics of Microsoft Outlook. Because Volusion Messaging Server has complete interoperability with Outlook, the transition was nearly invisible for users and required no new training.

This Caldera solution provided great benefits to PalletOne, including increased centralization and control. The corporate office can now manage the flow of information received from external offices and back out again. For more details go to <http://www.caldera.com/company/success>

Availability

Volusion Messaging Server is available for purchase through global distribution (see <http://www.caldera.com/partners/dist/>) and directly from Caldera over the Web at: <http://shop.caldera.com/>

Summary

Volusion Messaging Server, a component of the Caldera Volusion family of products, is an advanced, secure, robust, and full-featured mail server engineered for the small-to medium-sized business environment. Volusion Messaging Server provides the features that businesses need, but also delivers a lower cost of ownership than many of its feature-bloated competitors. In addition, Volusion Messaging Server runs on Caldera's award-winning and open source based OpenLinux and Open UNIX operating systems.

Volusion Messaging Server gives businesses a high level of flexibility without the worry of vendor lock-in. It's affordable to own, easy to install, scalable and easily integrates with the most popular mail clients available.