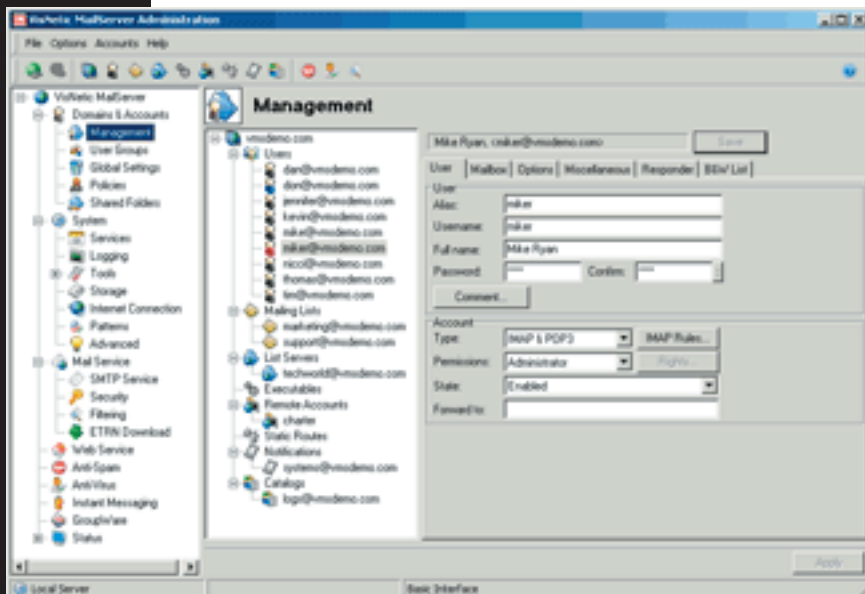# VisNetic MailServer

VisNetic MailServer

powerful email server

Administration

"The setup was simple and Installation was finished in a New York minute...Its full set of highly configurable features make it a good choice for complex messaging environments. Among its many features are strong anti-spam and anti-virus capabilities, open API, an Instant Messaging system, support for multi-processors, ODBC, and load balancing capability. It's not perfect, but VisNetic MailServer is about as close to trouble-free as they come. "

ISP Planet / Internet.com

"VisNetic MailServer is really at the very summit of what a mailserver can and should be. With it's integrated antispam and antivirus and all the technical features it has, it has all the qualities to carry most organization's communications for a very long time. The greatest advantage over Exchange server is the reliability of VMS combined with the fact that VMS runs on literally a tenth of the machine you need to run Exchange."

Raf Verbeeck , Deerfield.com Reseller

VisNetic MailServer Features:

Administrative Interface

The VisNetic MailServer Administration console, accessible locally or remotely, makes configurations and monitoring simple and efficient. An easy to use graphical interface organizes mail server components in a logical tree menu. This tree menu is fully customizable, allowing administrators to eliminate options rarely used.

Administrative Flexibility

Administrators may edit service properties and start, stop or restart services via easy-to-use right click menus. Email queues are also accessible, allowing administrators to view all email passing through the server in real time. The VMS Admin utility is completely customizable and localizable.

Microsoft Database Integration

VisNetic MailServer can draw user account information directly from a Microsoft compatible database (SQL, MySQL, Access, etc.), simplifying account setup and maintenance. It also allows for highly flexible interaction with database fields, accommodating nearly any messaging requirement.

API and DLL Support

API and DLL support allows progammers to develop programs and DLL's that can interface directly with VisNetic Mail Server. This gives programmers the freedom to create programs that allow for direct access to the mail server to manipulate and create domains, users, mailing lists, and more.

To learn more about VisNetic MailServer, contact Deerfield.com at 989-732-8856, sales@deerfield.com or at www.deerfield.com

Integrated Antivirus

The VisNetic AntiVirus Plug-in protects all incoming, outgoing, internal and external mail from viruses, worms, trojans and all other types of viruses. It integrates directly with VisNetic MailServer, providing constant protection without disrupting speed or performance. Virus definitions are automatically updated daily (update frequency can be increased), and include the most comprehensive and timely virus definitions available. Once viruses are found they can be cleaned, deleted, removed or rejected. Antivirus maintenance is done directly via the mail server, simplifying administration.

Instant AntiSpam

VisNetic MailServer's first line of defense against spam is a Bayesian filter that statistically calculates the probability that each inbound message is spam. Because it is measuring probabilities, the Bayesian approach considers all the content in an email, both good and bad. Email containing a high number of bad elements with few good elements achieves a high probability and is automatically deleted, rejected, marked as spam or placed in the recipient's Spam folder. Email containing a high number of good elements with few bad elements is accepted. This ensures that an otherwise innocent email that happens to include the word "buy" is not going to get tagged as spam.

As its second line of defense, VisNetic MailServer employs the SpamAssassin rules-set. SpamAssassin applies hundreds of time tested rules and checks on message bodies, headers, etc., to accurately "score" messages based on the likelihood that they are spam. Subsequent action is dependant on established score thresholds defined by the mail administrator.

Finally, VisNetic MailServer features an optional Challenge/Response system, the single anti spam technology proven to block 100% of machine generated spam. When enabled, email challenges are automatically issued to senders of those inbound messages that successfully pass through the Bayesian and SpamAssassin filters. Senders are asked to click an embedded link and complete a simple task via a web browser. Once the task is completed, the email message and all future messages from this sender are forwarded to the recipient. If the task is not completed, the email message is deleted from the recipient's pending folder automatically.

All of these technologies combine to provide the most comprehensive and effective antispam package available.
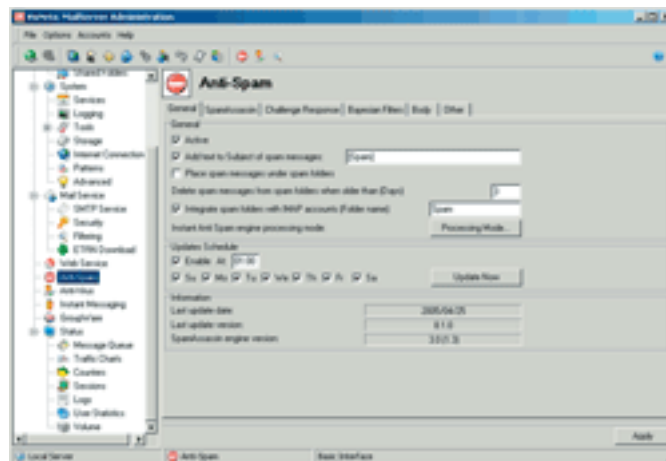
Additional Anti Spam Capabilities

Tarpitting...SPF...SURBL...Real-Time Blackhole List...Verify MX...Reverse DNS...User Authentication..Content Filtering

Content Filter Options Include:

* Ability to filter subject, sender, recipient, attachments, message size, IP address and keywords.

* Support for use of regular expressions (regex) in filter rule definition.

* Ability to apply filters globally or by domain or user.

* Rule import/export for faster deployment.

* Option to utilize a Bypass Filter.

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Productivity

VisNetic GroupWare - Share Calendars and Address Books

VisNetic GroupWare, designed to work exclusively with VisNetic MailServer, is collaboration software that will allow your employees to schedule meetings, invite others, enable automatic meeting reminders and more--all online. And they can do so using Microsoft Outlook, VisNetic WebMail or any other application via an open API.

This productivity-enhancing tool provides the following capabilities to whomever you want in your company:

* Full private and public calendaring
* Private and public task lists
* Full event system with reminders
* Shared address book
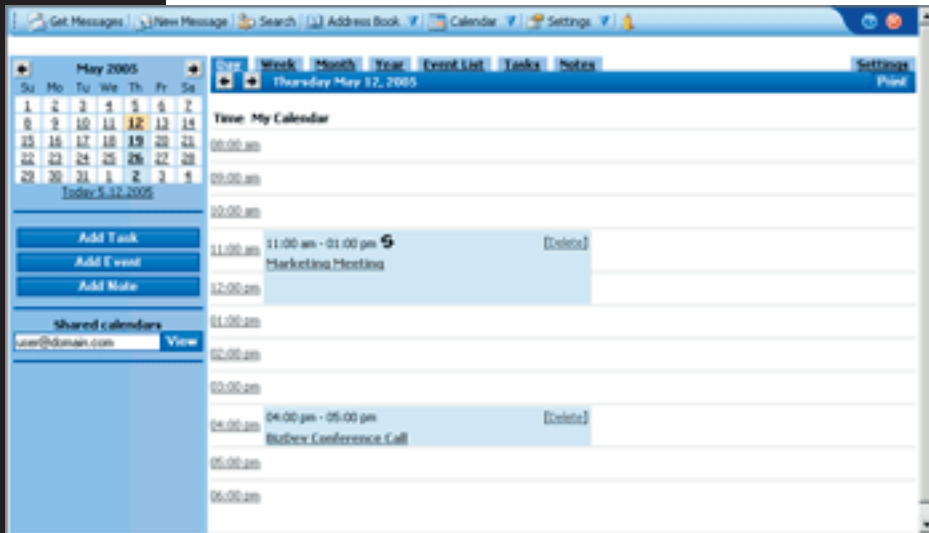
VisNetic GroupWare is enabled upon installation, allowing WebMail users to view shared calendars and address books immediately. A small Outlook Connector installation is all that is required to view shared data and auto-synchronize through Outlook 2000/XP/2003.

VisNetic GroupWare is standards compatible, XML and Database driven and fully functional with ODBC compliant databases, including Microsoft Access, Microsoft SQL Server, MySQL and Oracle. An easy to use API allows programmers to implement support for Groupware in virtually any application.

VisNetic GroupWare is licensed separately.

Instant Messaging

VisNetic Mail Server includes a secure, proprietary Instant Messaging server, compatible with the Jabber open XML protocol.

This built-in IM server will improve speed and efficiency of exchanges between employees, and lower operational costs.

* Employees multi-task, collaborate and resolve questions or problems quickly, without leaving their desks.
* Internal email traffic is reduced.
* Employees can see who is online and ready for a message, without leaving their desks.
* Instant Messaging is spam-free!

VisNetic WebMail - Access Email From Anywhere

VisNetic WebMail is a built-in web mail server that allows VisNetic Mail Server account holders to access their email messages, folders and address books from any standard web browser on an Internet enabled computer.

This integrated web mail server supports the WAP (Wireless Application Protocol) protocol, providing account access via a cell phone or PDA, and includes multiple skins, a customizable web interface and multiple language support.

Additionally, VisNetic WebMail includes support for secure (SSL) connections, via a built-in web server that supports SSL standards.

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Power

"We've been torture testing this thing, running more than 8 million messages a month through it, for more than half a year. And, what's even crazier, I've had to throttle it back, reducing the number of concurrent connections. When we first started mailing through it, it sent out so many messages, so fast, that it wound up completely clogging our dedicated T-1 connection, including the surge bandwidth that Verizon provides us. It's that fast."

David Gerwitz, Outlook Power Magazine
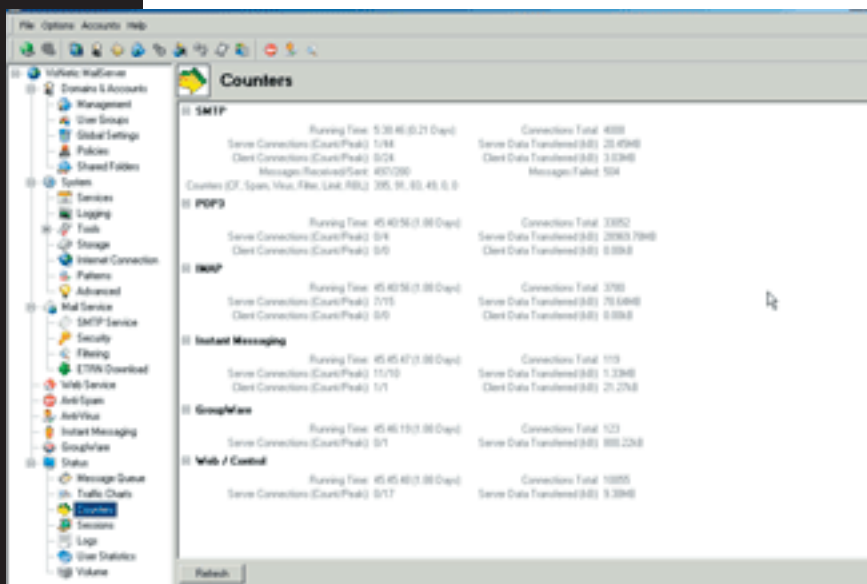
"VisNetic MailServer has modest resource requirements: a 166 MHz processor and 64 MB RAM for fewer than 50 users. A hand-me-down server on a small-office LAN could use it quite effectively. On the other hand, VisNetic MailServer also supports multiple CPU processing (if you have them) and fast memory management for extra speed. The small footprint and good performance are a selling point."

Nelson King, ServerWatch

Multiple CPU Support

VisNetic MailServer is able to utilize several processors, installed on the server computer, simultaneously. Employing multiple processors, VisNetic MailServer can dramatically improve processing time by taking advantage of all available CPU power. This is especially useful when the server is experiencing heavy traffic.

High Speed Memory Mode

When the Professional Memory File System is enabled, VisNetic MailServer moves account information into virtual memory. This allows the mail server to process mail faster by making account data readily available at all times, rather than having to search through the hard drive each time.

Multi Thread Processing

VisNetic MailServer is able to process email using multiple threads. Each connection to the server for email handling is given a unique thread for data transfer. By taking advantage of more connections, VisNetic MailServer is able to handle more email requests at a given time.

Real Time Monitoring

VisNetic Mail Server's Real Time Monitoring provides SMTP/POP3/IMAP Statistics on Uptime, Total Connections, Messages Sent/Received, Message Failures due to Viruses, Static Filters and Content Filter Configurations. This information is displayed graphically to administrators, for "at-a-glance" stats on the performance. Active SMTP and POP3 sessions are also displayed, along with session histories.

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