

# VisNetic MailServer



 VisNetic MailServer

**powerful** email server

*“One of the major reasons for installing a company mail server is its capability to act as a message router, spam blocker, anti-virus, and content filtering mechanism -- often replacing numerous (and costly) programs on individual PCs. VisNetic MailServer has successfully developed its constellation of features and services around this approach.”*

*Nelson King, ServerWatch*

## **Fast message routing**

### **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.

*“VisNetic MailServer meets the foremost requirement for a mail server: stability. And by supporting secure TLS/SSL connections (enabled by default) and internal as well as external virus scanners, VisNetic MailServer also meets the second requirement, security.*

*Heinz Tschabitscher, Guide Review*

## **Secure Email Handling**

### **Integrated Anti-Virus Support**

Situated directly on the email server, rather than dispersed on each client computer, VisNetic AntiVirus Plug-in proactively secures the network from email viruses. VisNetic AntiVirus Plug-in is powered by Kaspersky Labs, known for its ability to rapidly identify new viruses and update antivirus signatures. Supported by Kaspersky’s continually updated virus signature list, VisNetic AntiVirus is designed to download only the necessary update information in a small download, updating quickly and with minimum bandwidth requirements.

### **TLS/SSL Support**

TLS (Transport Layer Security)/SSL (Secure Sockets Layer) support allows VisNetic MailServer to pass email messages in an encrypted format between servers and clients using any protocol (POP3, SMTP, IMAP, LDAP, ETRN, ATRN, etc.). In more detail, TLS/SSL requires that secure certificates be transferred between client and server. Once this transfer is complete, the data transmitted between the two parties is encrypted, preventing outsiders from accessing the information being passed. Secure connections through these protocols are initiated automatically when messages are sent to or received from an email server that supports these same protocols.

# Anti-Spam

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## **Spam Blocking Capabilities**

VisNetic MailServer includes the following anti-spam capabilities:

### **Content Filtering**

VisNetic MailServer's extensive content filtering includes:

- The ability to establish rules for filtering subject, sender, recipient, attachments, message size, IP Address, key words and more.
- Support for use of regular expressions (regex) in filter rule definition; this enables administrators to define more complex rules for filtering text (e.g. filter by subject line where "Rate" appears anywhere in the subject);
- Option to delete, forward, reject or copy filtered messages to another email address;
- Option to strip attachments;
- The ability to apply filters globally or by domain or user;
- Rule import/export for faster deployment;
- The option to utilize a Bypass Filter, allowing administrators to specify email and IP addresses that will serve as bypass criteria for an established filter.

### **Tarpitting**

Under the "trial and error" method for address acquisition, spammers identify a domain (e.g. domain.com) and then 'guess' employee names that may precede the @. For example, in search of valid email addresses, a spammer will send emails to boba@domain.com, bob@domain.com, bobc@domain.com, etc. and utilize failed message notices to weed

out invalid addresses. This is often done during off times, out of the view of the administrator. VisNetic MailServer's tarpitting feature is very effective against this tactic. Administrators can configure VisNetic MailServer to check for unsuccessful attempts to deliver emails to unknown users by external or local non-existent users. If the number of attempts in a session exceeds the count specified by the administrator, VisNetic MailServer will remember the IP address of the sender and block email originating from that IP address for a specified period of time.

#### **Deny Telnet**

VisNetic MailServer allows you to disable Telnet sessions, sometimes used by spammers to harvest email addresses. A user will be able to establish a connection using telnet, but the server will not accept any commands once the session is established.

#### **Real-Time Blackhole List**

This feature checks a database of Known Spammers that is hosted and maintained by a third party, allowing VisNetic MailServer to automatically reject mail from these sources.

#### **Verify MX**

This feature verifies that the originating domain has a valid MX record. If configured, VisNetic MailServer will perform a MX lookup and reject the mail if no MX record exists.

#### **Reverse DNS**

This security option allows administrators to configure the mail server to receive mail only from domains that have reverse DNS PTR record (rDNS).

# VisNetic MailFlow

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*"In keeping with Deerfield.com's philosophy of supporting features that have a commercial advantage for small and midsize organizations, VisNetic MailServer comes with a very good list server... In this case, the list server dovetails with VisNetic MailFlow. MailFlow is a significant add-on product bundled with VisNetic MailServer."*

*Nelson King, ServerWatch*

## **VisNetic MailFlow**

VisNetic MailServer and VisNetic MailFlow provide a powerful foundation for managing organizational email correspondence, improving service potential where it matters most - at the point of customer contact.

VisNetic MailFlow is a robust email management system that creates a framework for successful customer interaction. The system provides:

- Powerful email routing and workflow processing
- A centralized library of standard responses to customer inquiries
- Automatic generation and tracking of service incidents
- Comprehensive reporting and analysis
- Access to customer communications history
- An intuitive, familiar web-based interface
- Robust security provisions
- Integrated logging, alerting, and reporting
- An optional virus scanning plug-in

VisNetic MailServer Pro includes a three-user VisNetic MailFlow license.

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