



MDaemon®

Reliable & Secure Email

Professional, Dependable, Complete
Easy to Learn, Use and Grow

About this Presentation

- Summarizes primary purposes of email, plus the needs of email providers and users.
- Introduces Alt-N Technologies as a developer of communications software.
- Surveys Mdaemon PRO's delivery of IMAP, POP, SMTP, web mail, groupware and more...
- Highlights both Easy (beginner) and Advanced (grow into as needed) interfaces.

Why People Use Email

Rapid communications worldwide.

Convenience, available 24 X 7.

Security, despite spam, phishing, hack attempts and viruses.

Top security, if needed, through encryption and digital signatures.

Easy paperless storage of correspondence.

Fast searching of messages.

Cost effective as compared to phone, fax and postal mail.

Convenient customer support for businesses and customers.

Automatic filtering of messages by sender, content and more.

Legitimate opt-in marketing.

Discussion groups and mailing lists.

Shared messages, calendars, contacts and task lists.

Worldwide access through IMAP and web mail.

What Users Need in a Server

- **Users do not care about the email server!**
- **They need reliable, secure email services with ...**
 - ✓ Access to messages from anywhere
 - ✓ Spam and virus protection
 - ✓ Groupware capabilities – Messages, Calendars, Contacts, and Task Lists
- **The email server should support its users ... to help the world communicate.**



Why Own an Email Server

It's like the difference between taking a public bus or flying your own private jet.

Detect spam as you define it, not by an ISP's too strict or too loose policies.

Send and receive external mail fast and internal mail very fast.

Send and receive mail directly, rather than through extra servers.

Set up auto responders to do tasks when specified messages arrive.

Archive all email centrally.

Add and remove users easily as the needs arise.

Make aliases for existing accounts.

Operate unlimited mailing lists, with manual or automatic memberships.

Detect and block viruses locally at your servers. (AntiVirus licensed separately.)

Use IMAP, shared folders and groupware without extra costs.

The list could go on...

What Server Owners Need

- **Practical Ease of Use.**
Anyone with general computers skills should be able administer the server.
- **Sensible Economy.**
Professional features with small enterprise licensing and pricing policies.
- **Reliability.**
Server works skillfully and silently—supporting, not consuming, daily work.
- **Security.**
Detects and stops most spam and viruses. Prevents hacking.

Can Small Biz Afford a Server?

- Yes!
- Server ownership once demanded
 - months of intensive, costly, specialized training
 - high-end hardware, plus the most current and costly operating systems
- For the “big” email servers, this is still true.
- MDaemon makes professional email easy, fast, and cost-sensible. IT welcome, but not required.
- Security and convenience assume ownership.



Sensible Software by Alt-N

Alt-N Technologies, Ltd., developers of MDaemon, specializes in creating communications tools for Internet, Intranet, WAN and LAN applications.

Founded in 1995.

MDaemon introduced in 1995.

Motto: "Helping the World Communicate"

Attitude: "We feed on the feedback"

Sales and support through worldwide distributor and reseller network.

Software localized in many languages.

Current Products

MDaemon 8.0, email server.

AntiVirus for MDaemon, antivirus.

Outlook Connector, group sharing.

RelayFax, faxing out and in via email.

WebAdmin (Free), web admin tools.

LDaemon (Free), LDAP server.



MDaemon Overview

- Designed for beginners and professionals alike.
Easy and Advanced interfaces with “intelligent defaults”.
- Stays out of the way with stable reliability.
Install and (mostly) forget, with low maintenance operation.
- Built on and above industry standards:
IMAP, POP, SMTP, web mail, groupware, antispam, SPF, DomainKeys...
Gateways, mailing lists, catalogs, public folders, account management...
- Leads the industry in security tools:
Inbound and outbound security services stop unauthorized use.
Antispam, AntiVirus (separately licensed), AntiHacking...



MDaemon Highlights

IMAP, POP, SMTP, web mail

Groupware calendars, contacts, task lists, mail boxes...

Primary and secondary domains.

Shared folders and signatures files.

Account management.

Mailing lists.

Gateways.

Catalogs.

Archiving.

AntiSpam.

AntiVirus (separately licensed).

Content Filtering.

SSL and Certificates.

DomainKeys, SPF.

Relay controls, trusted hosts, tarpitting, reverse look ups...

Access control by IP, domain...

Remote hosting, DomainPOP...

More...



Fast Installation

Installs on either legacy or new hardware and operating systems.

Installs in minutes.

Setup includes first account creation.

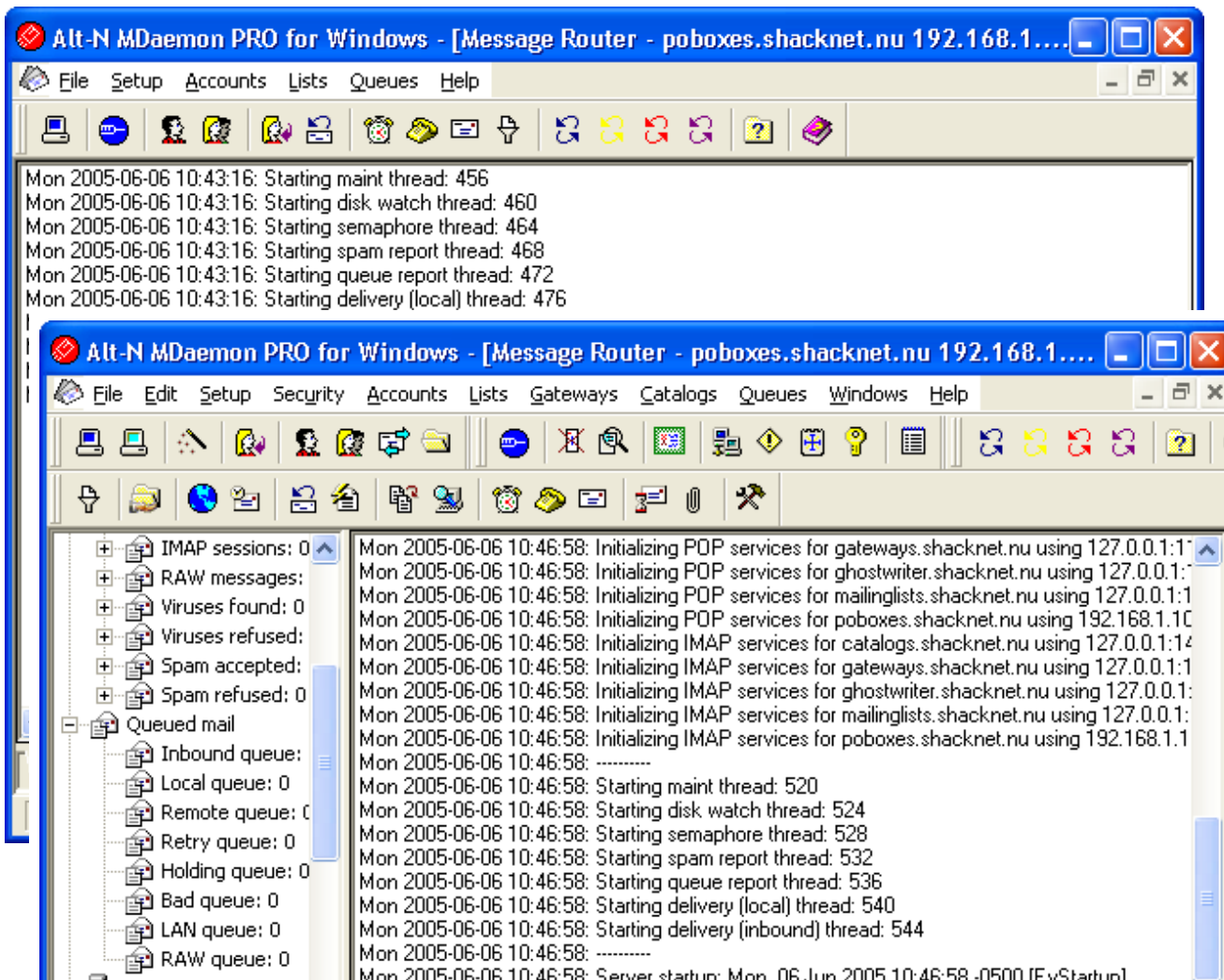
MDaemon can run as a service.

Installer chooses the Easy or Advanced interface.





Easy, Advanced Interfaces



MDaemon has two interfaces.

Easy interface shows fewer options.

Uses "intelligent defaults" for security.

Advanced interface allows user to grow into fine-tuning details.

Is also for trained email professionals.

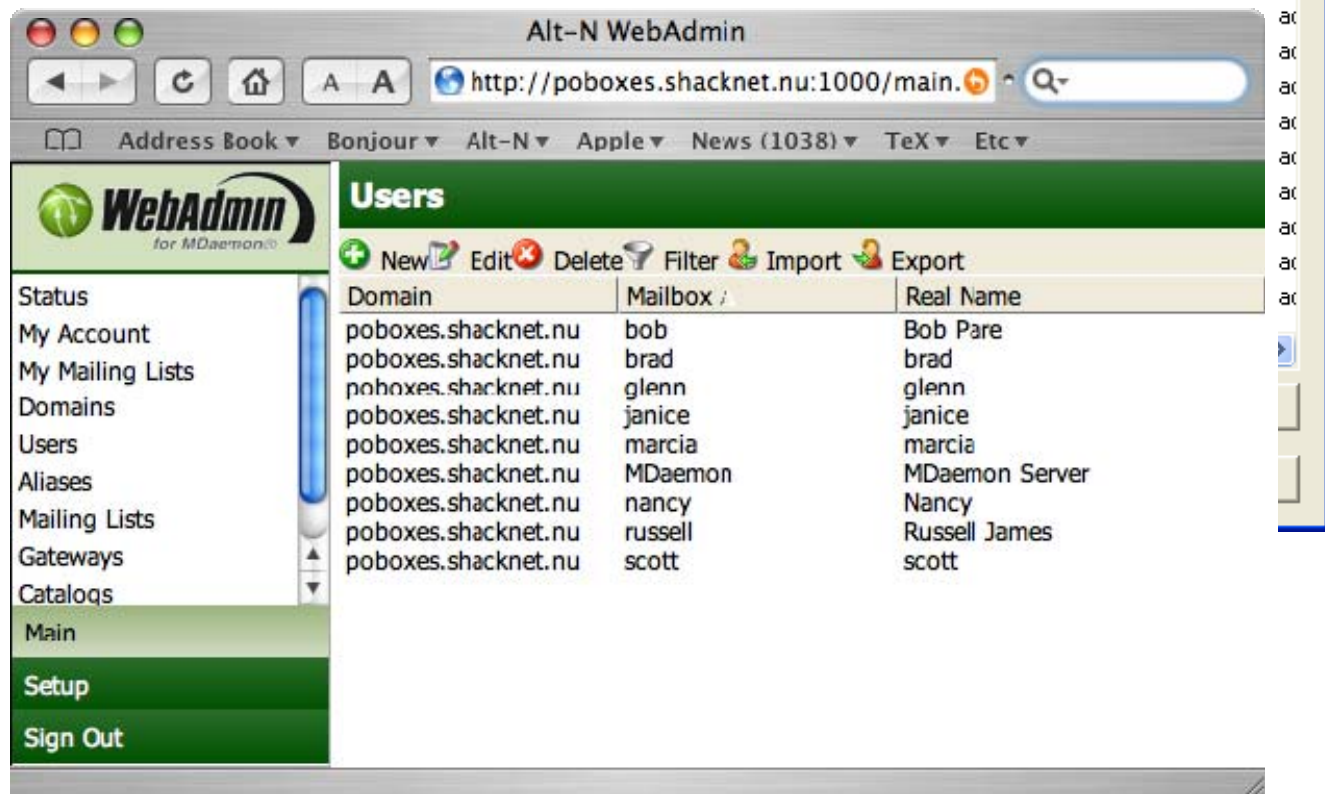
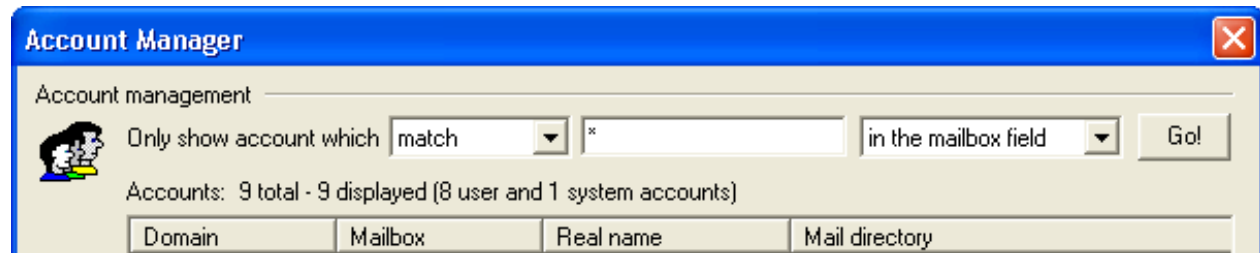
MDaemon has professional features with beginner ease of use.



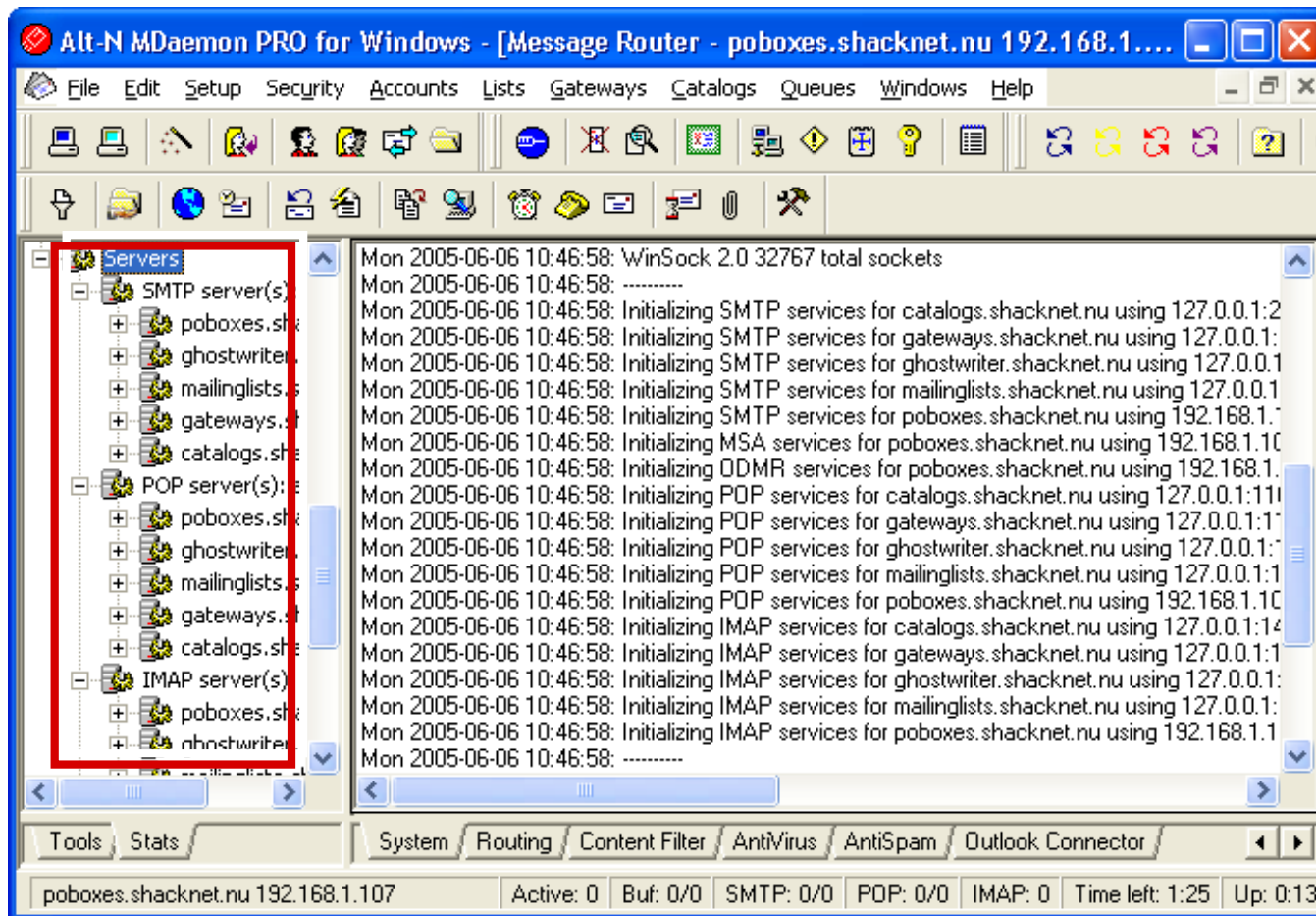
Local and Web Administration

Traditional admin program allows total detailed control, plus real time logs.

WebAdmin interface provides comprehensive configuration options.



Industry Standard Servers



POP, the widely used email protocol.
SMTP, sends email over the Internet.
IMAP, stores messages on the server.
Industry standard compliance means better communications.

Web Mail

Access email from any web browser.

Share mailboxes, calendars.

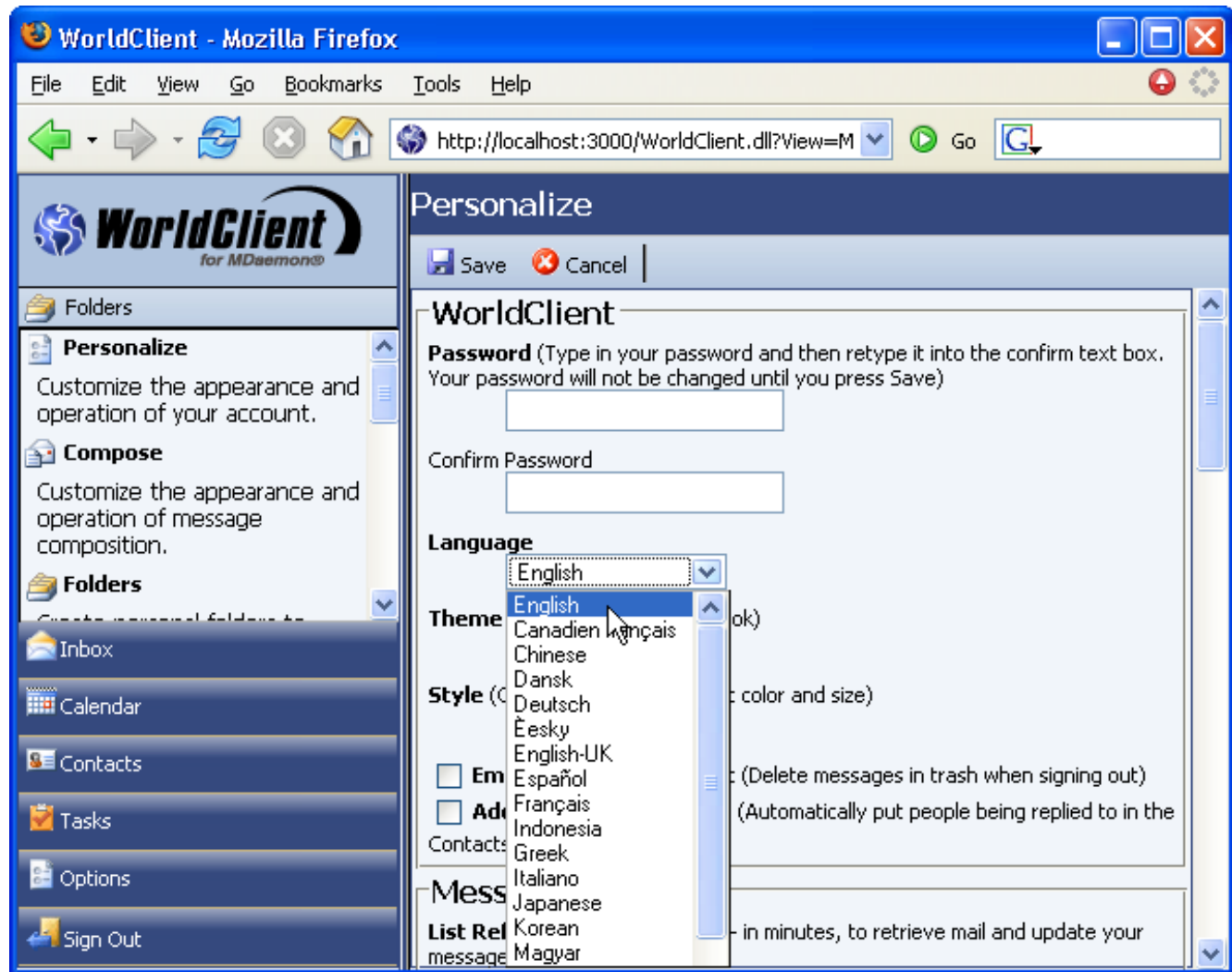
Set up server-side filtering.

Manage personal folders.

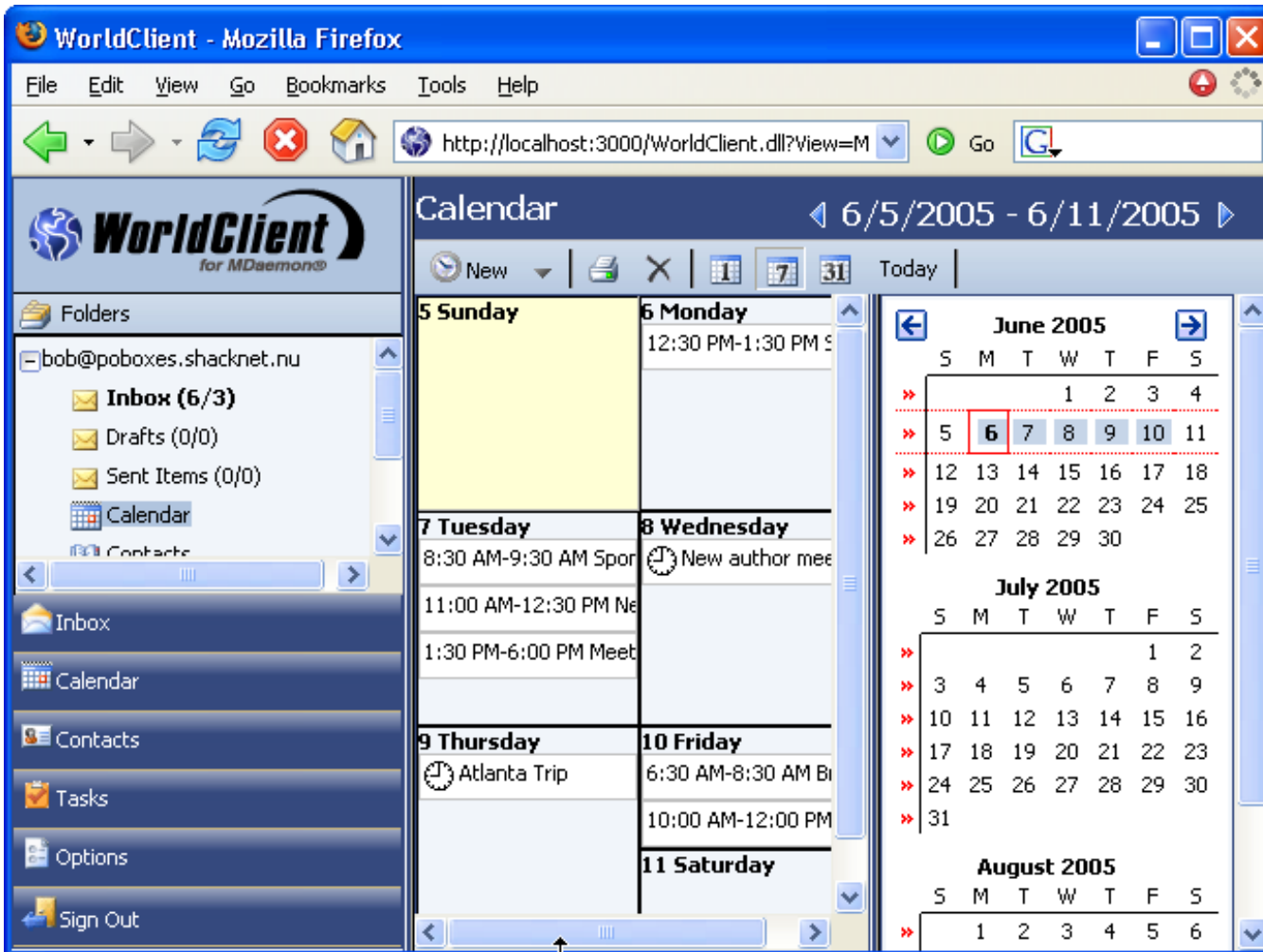
Compose messages, save drafts, check spelling.

Choose themes.

Localized in 25+ languages.



Groupware Functions



The screenshot shows the WorldClient web interface running in Mozilla Firefox. The browser window title is "WorldClient - Mozilla Firefox". The address bar shows the URL "http://localhost:3000/WorldClient.dll?View=M". The interface includes a menu bar (File, Edit, View, Go, Bookmarks, Tools, Help) and a toolbar with navigation icons. The main content area is titled "Calendar" and displays a weekly view for the period 6/5/2005 to 6/11/2005. The calendar shows events for each day, such as "12:30 PM-1:30 PM S" on Monday, "8:30 AM-9:30 AM Spor" on Tuesday, "11:00 AM-12:30 PM Ne" on Wednesday, "1:30 PM-6:00 PM Meet" on Wednesday, "Atlanta Trip" on Thursday, "6:30 AM-8:30 AM Bi" on Friday, and "10:00 AM-12:00 PM" on Friday. A monthly calendar view for June 2005 is also visible, with the 6th, 7th, 8th, 9th, and 10th highlighted. Below the monthly view, the calendar for July 2005 and August 2005 is partially visible. On the left side, there is a "Folders" pane showing the user "bob@poboxes.shacknet.nu" and folders like "Inbox (6/3)", "Drafts (0/0)", "Sent Items (0/0)", "Calendar", and "Contacts". Below the folders, there are buttons for "Inbox", "Calendar", "Contacts", "Tasks", "Options", and "Sign Out".

Using web mail, users can create and selectively share:

Mail boxes

Calendars

Contacts

Task lists

Almost any user-defined content in shared email folders.

Groupware comes with MDAemon.

No extra cost.

ComAgent for Web Mail

Works from the Windows task bar.

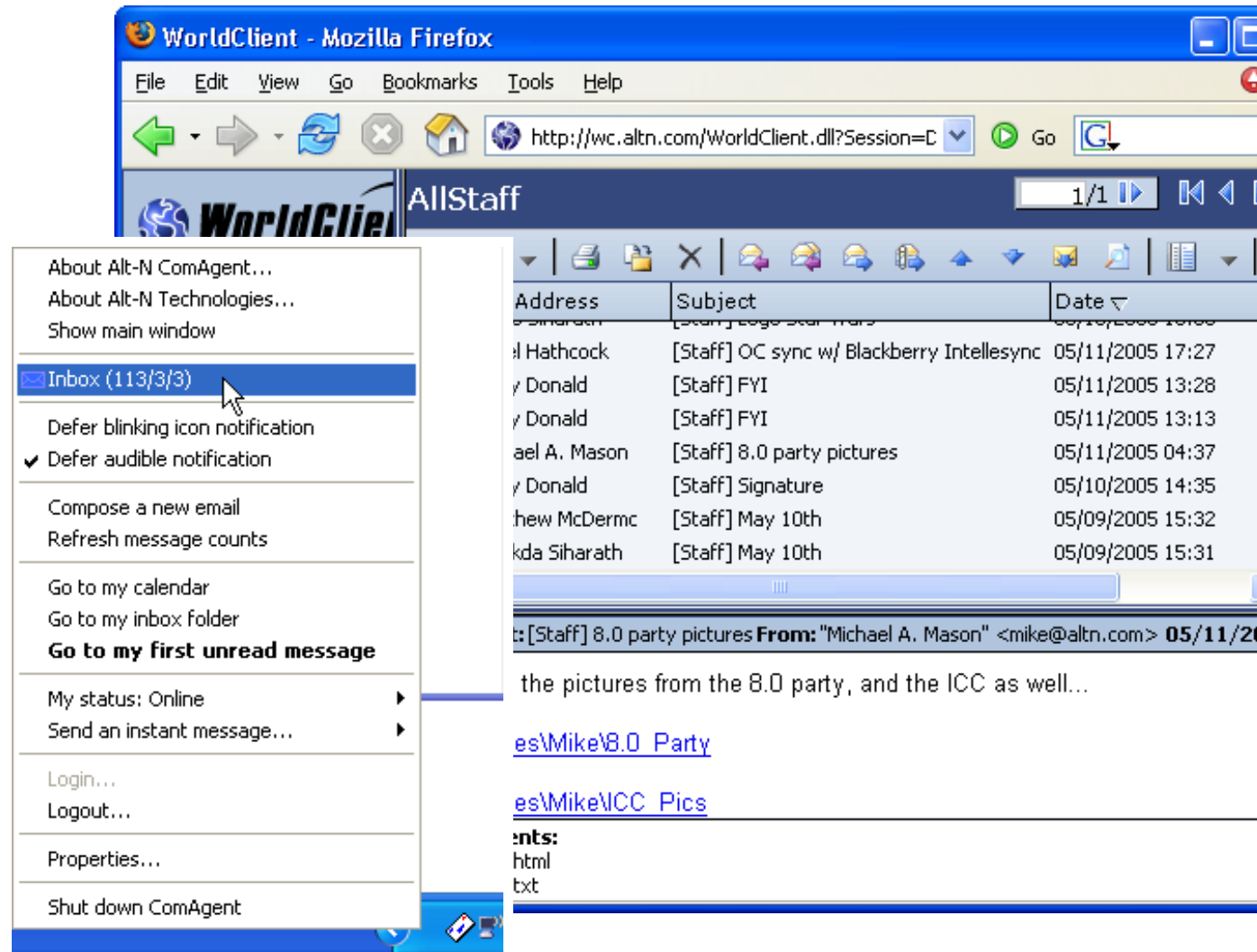
Automatically signs in to web mail.

Monitors account for new messages.

Keeps local address book up to date.

Instant messaging client.

Shows message count by folder.



The screenshot shows a Mozilla Firefox browser window titled "WorldClient - Mozilla Firefox". The address bar contains the URL "http://wc.altn.com/WorldClient.dll?Session=C". The browser displays the "WorldClient" web interface, which includes a navigation bar with "AllStaff" and a search bar. Below the navigation bar is a table of email messages. A context menu is open over the "Inbox (113/3/3)" folder, listing various actions such as "About Alt-N ComAgent...", "Defer audible notification", "Compose a new email", and "Shut down ComAgent".

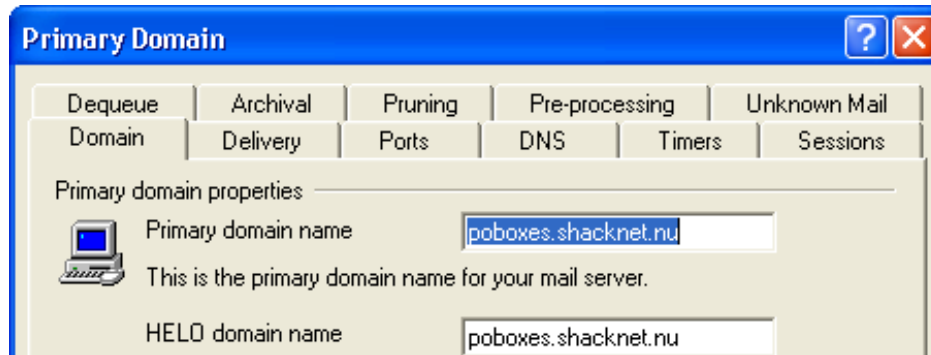
Address	Subject	Date
l Hathcock	[Staff] OC sync w/ Blackberry Intellesync	05/11/2005 17:27
y Donald	[Staff] FYI	05/11/2005 13:28
y Donald	[Staff] FYI	05/11/2005 13:13
ael A. Mason	[Staff] 8.0 party pictures	05/11/2005 04:37
y Donald	[Staff] Signature	05/10/2005 14:35
hew McDermc	[Staff] May 10th	05/09/2005 15:32
kda Siharath	[Staff] May 10th	05/09/2005 15:31

From: "Michael A. Mason" <mike@altn.com> 05/11/2005 04:37
Subject: [Staff] 8.0 party pictures
the pictures from the 8.0 party, and the ICC as well...

[es\Mike\8.0 Party](#)
[es\Mike\ICC Pics](#)

Content-type: text/html

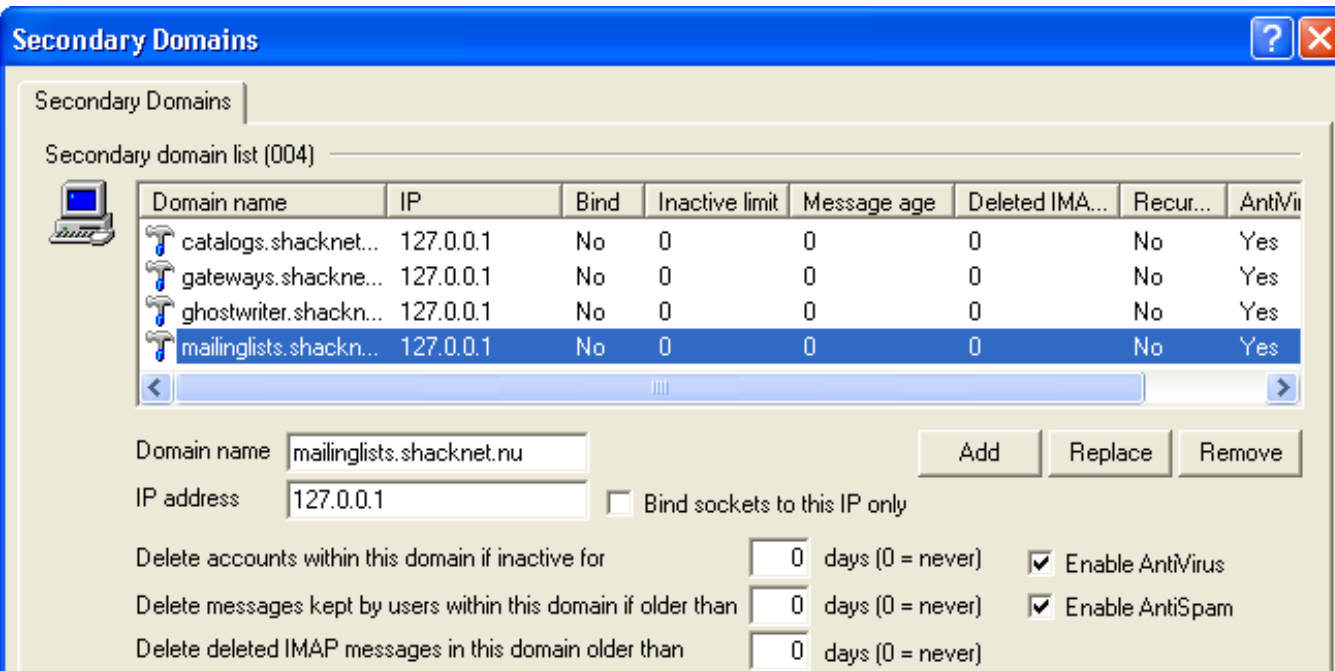
Primary, Secondary Domains



Hosts multiple domains at one time.

Pruning options by domain.

Archiving for all domains.



Account Management

Secure Passwords.

Message forwarding.

POP collection from outside accounts.

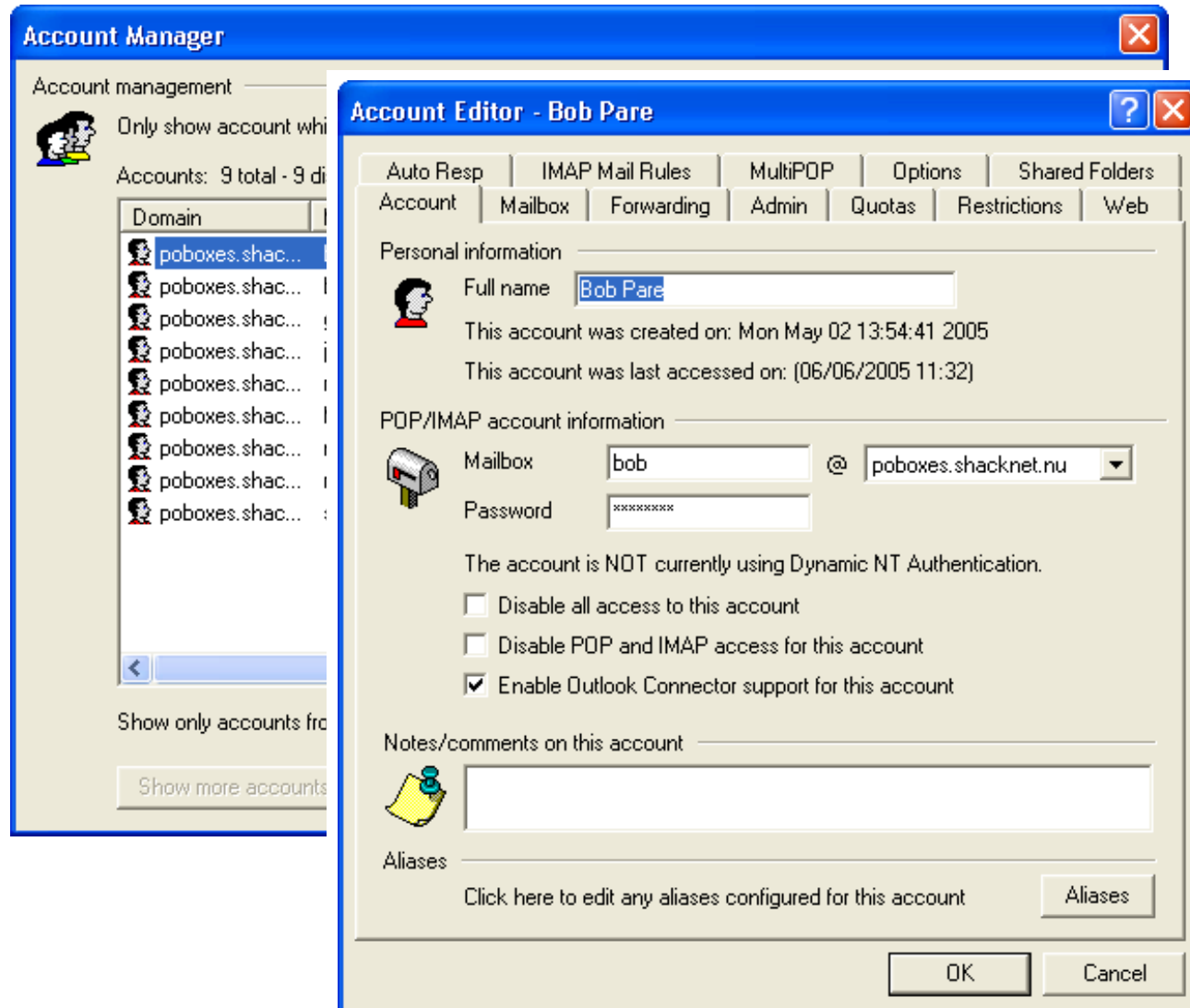
Shared folders.

Administration options for server, domain, account.

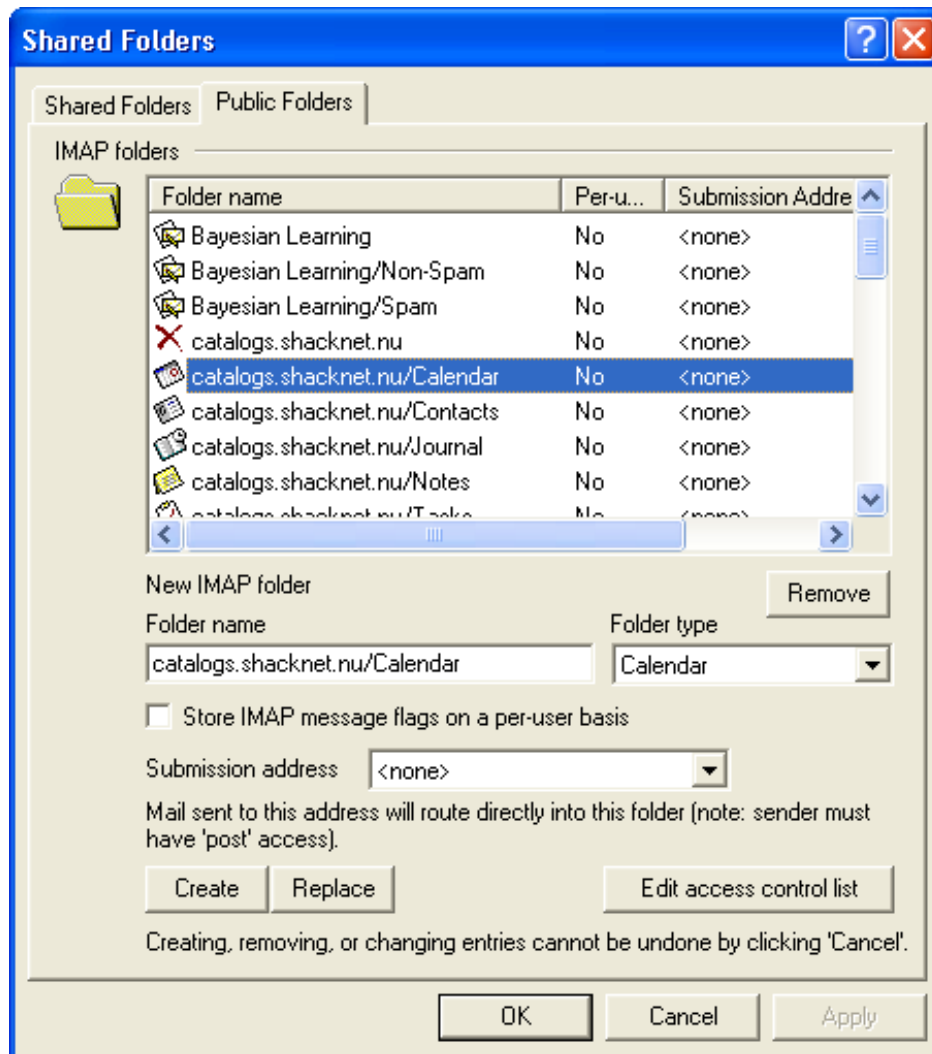
Quota and Restriction options.

Web mail options.

New account defaults.



Shared Folders



- Promote and ease data sharing.
- Open or limited access.
- Individual or common status flags.
- Configuration by admin, user or both.
- Use with groupware functions.

Content Filtering

Manage email with server-side rules.

Inbound and outbound filtering.

Redirect one address to another.

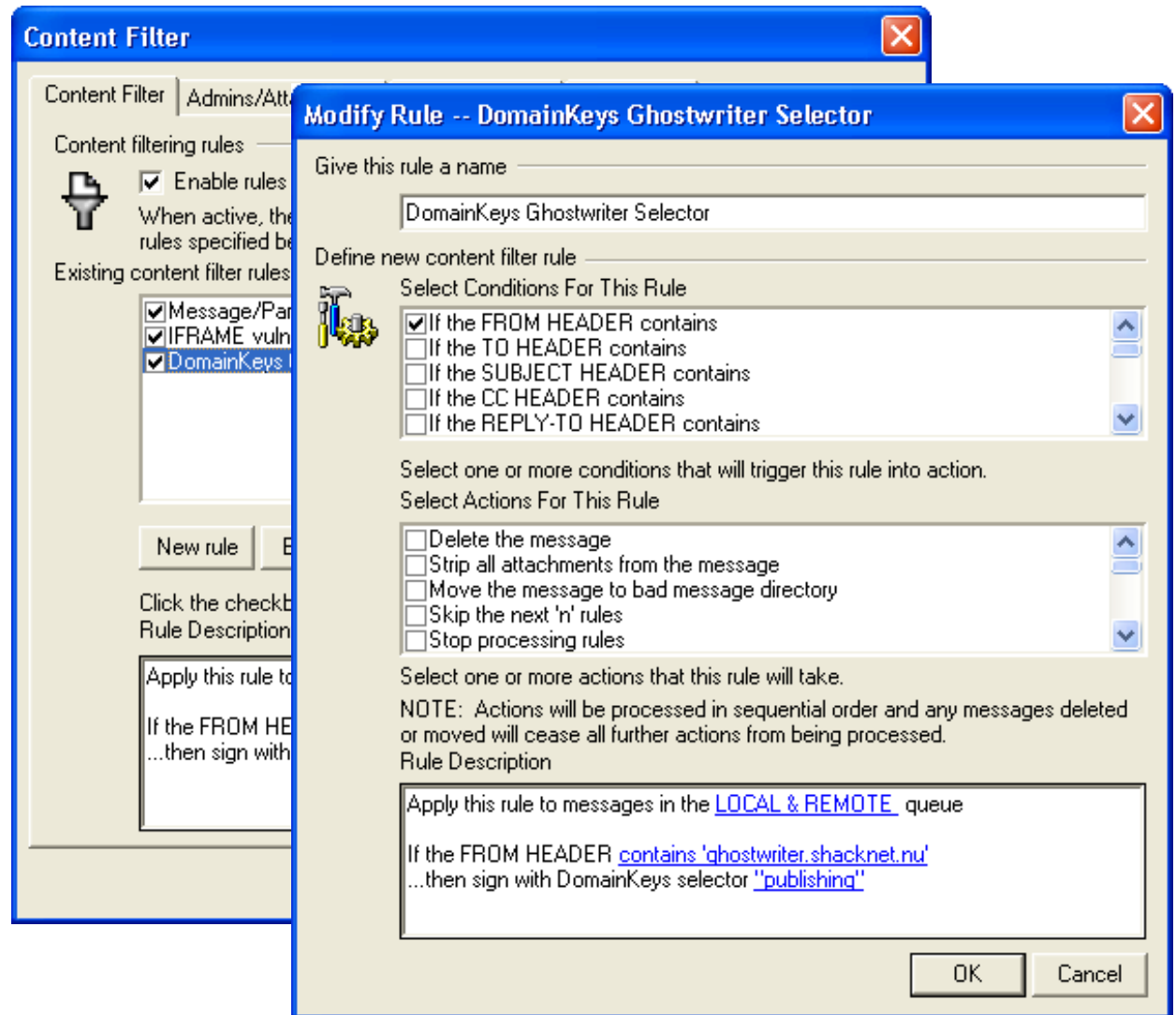
Automatic replies to specified emails.

Re-distribute a message to multiple addresses.

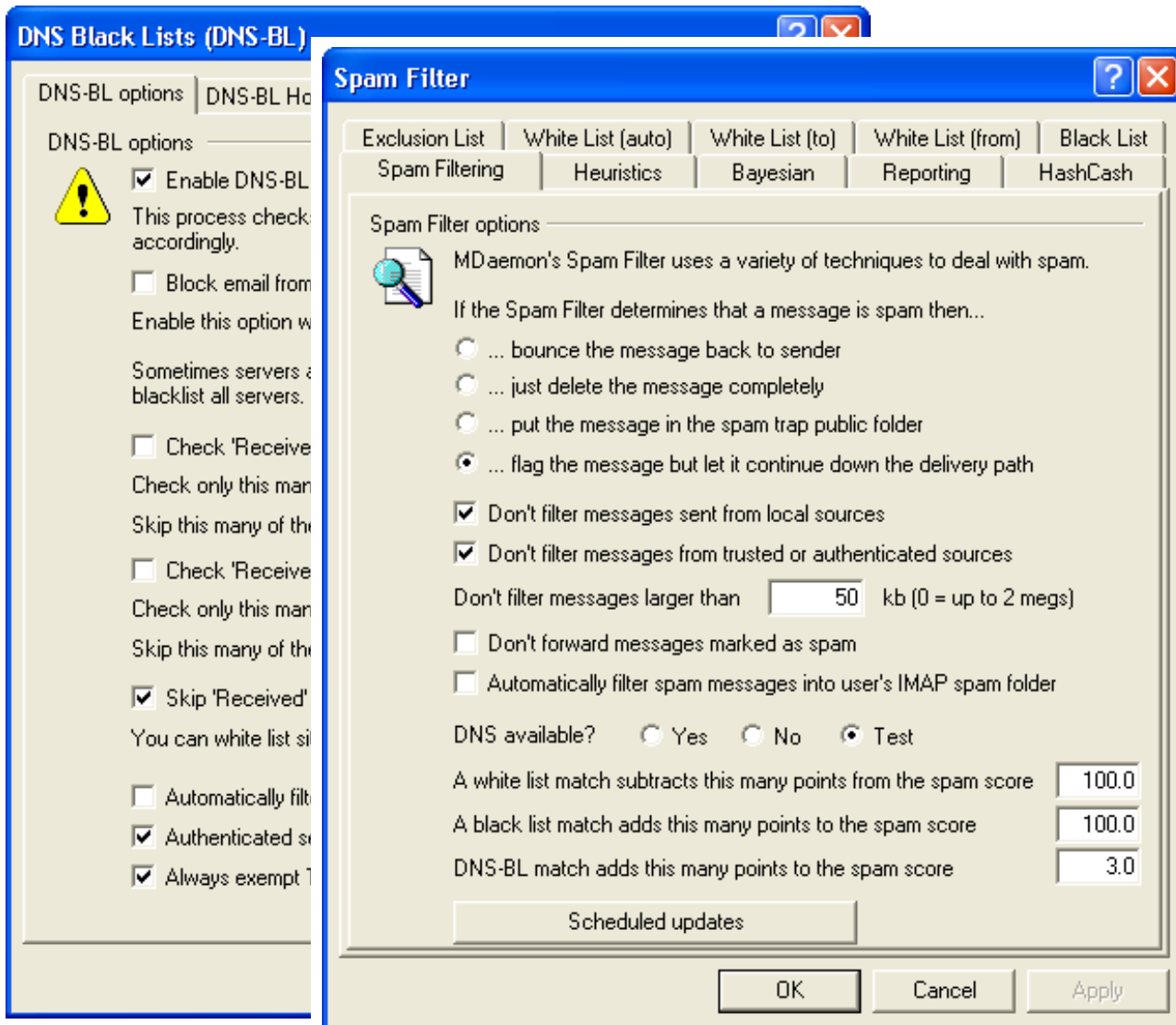
Attach notes to message.

Remove or add attachments.

Uniform enforcement of company email policies...



AntiSpam from Every Angle



DNS blocking.

Content detection.

Bayesian filtering.

Heuristic learning.

HashCash stamps.

White lists.

Black lists.

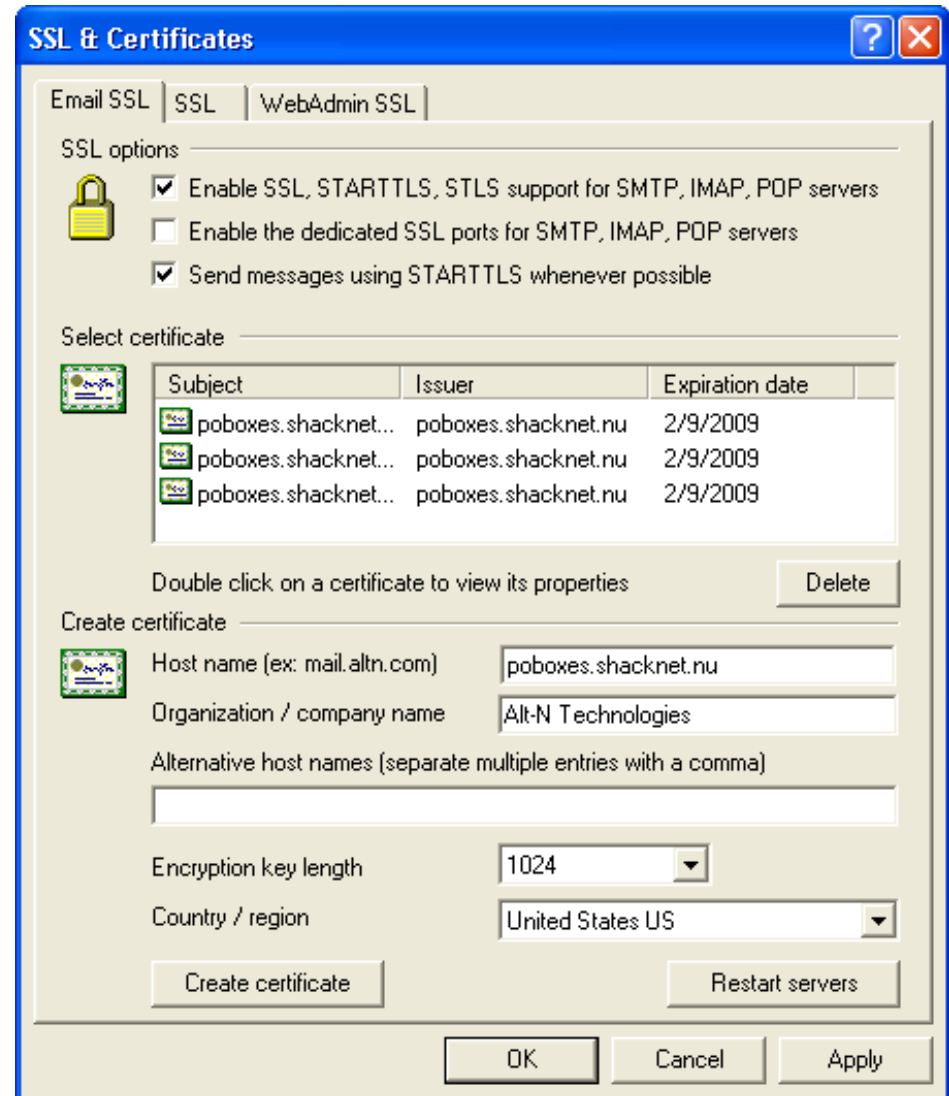
SSL

Securely identify servers.

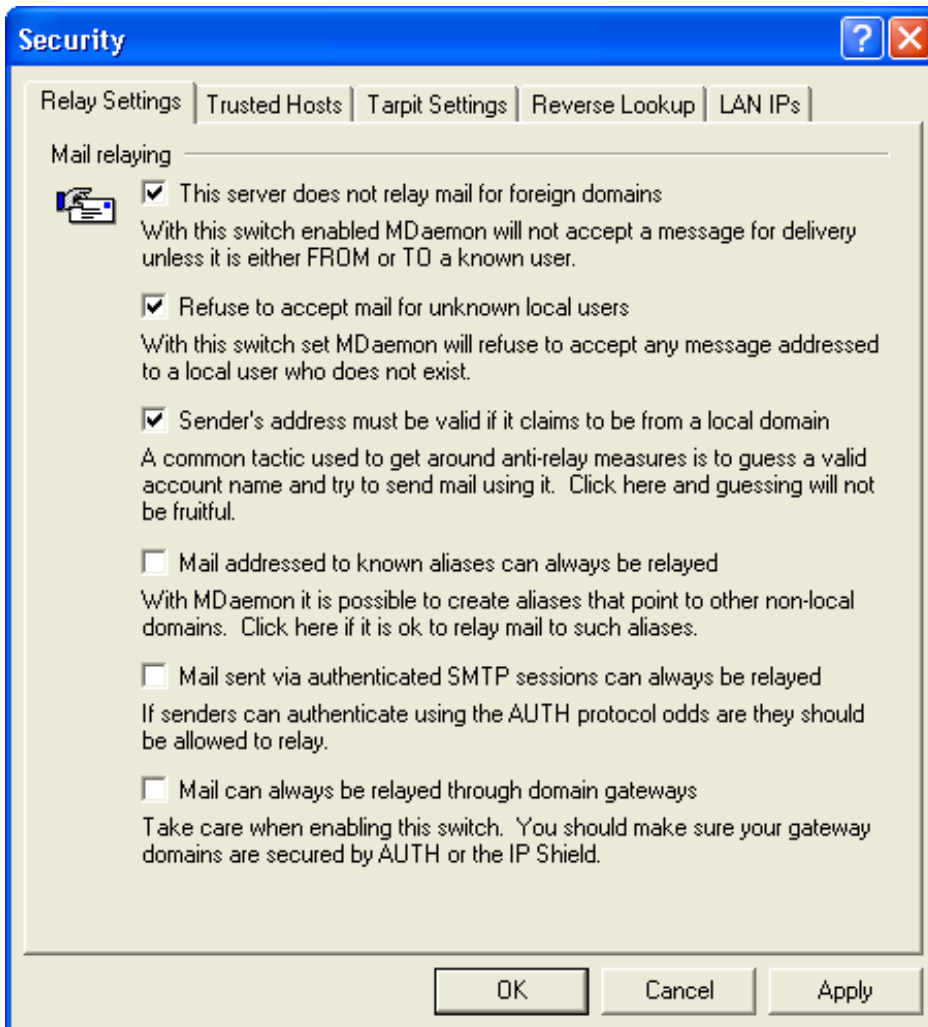
Encrypt data transfer.

Use with POP, IMAP, SMTP, Web Mail,
Web Admin.

Create authentication certificates.



Access Security



Relay authenticated email only.

Define trusted hosts and Local IP's.

Tarpit high-volume SMTP sessions.

Reverse Lookup.

IP and domain screening.

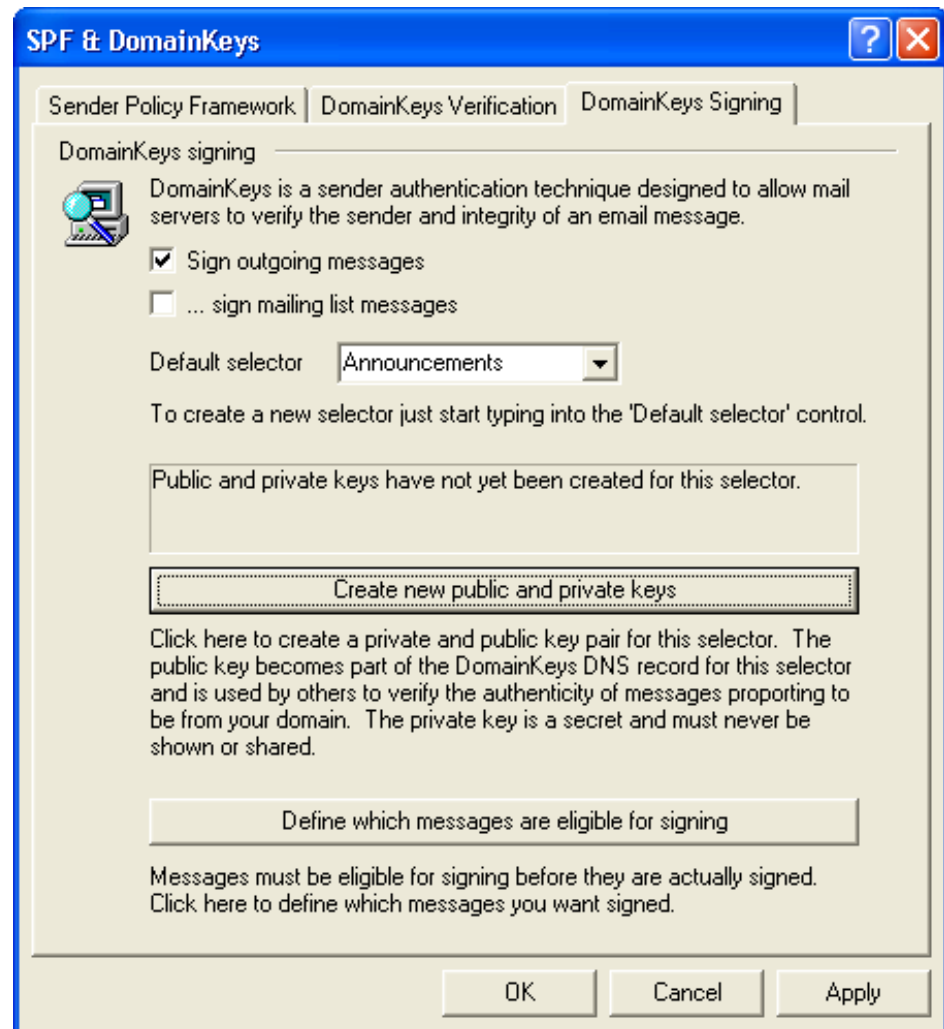
POP before SMTP.

DomainKeys

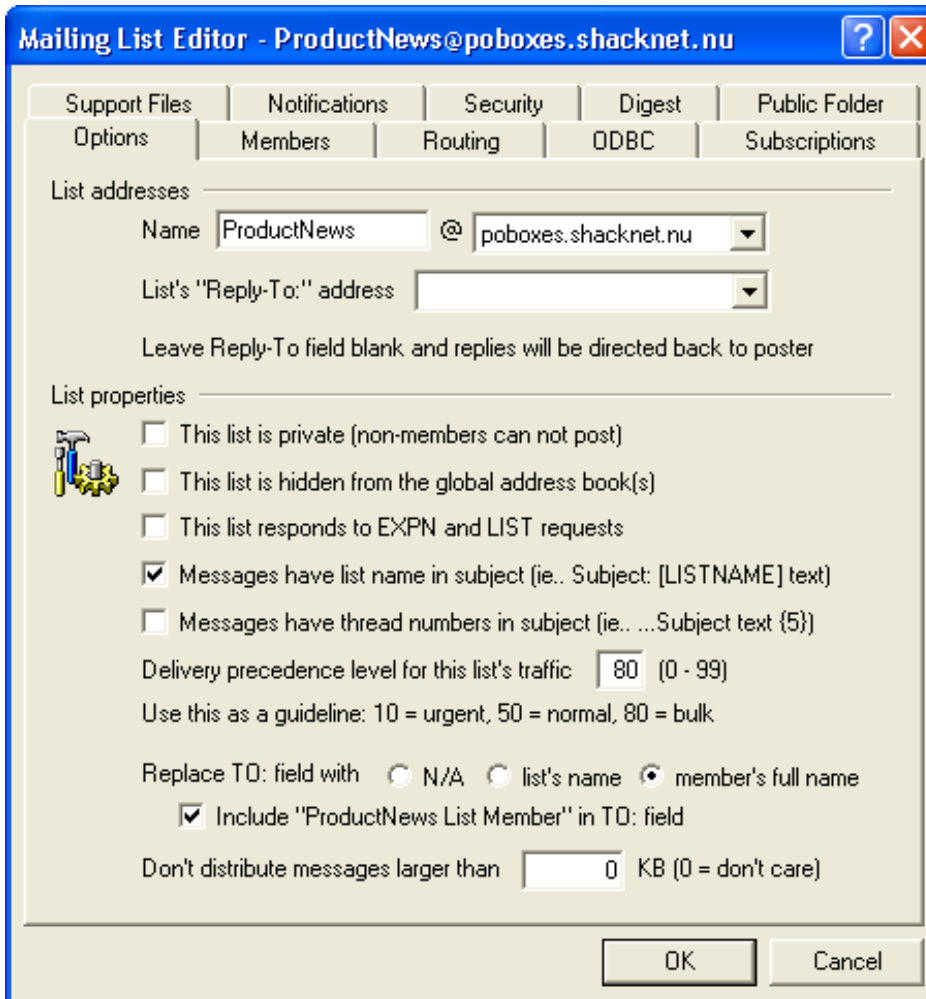
Detects if messages are:
forgeries.
altered in transit.

Authenticates:
sender domains.
message integrity.

MDaemon:
Signs outbound messages.
Authenticates inbound messages.



Mailing Lists



Mailing List Editor - ProductNews@poboxes.shacknet.nu

Support Files | Notifications | Security | Digest | Public Folder
Options | Members | Routing | ODBC | Subscriptions

List addresses

Name: ProductNews @ poboxes.shacknet.nu
List's "Reply-To:" address: [blank]

Leave Reply-To field blank and replies will be directed back to poster

List properties

- This list is private (non-members can not post)
- This list is hidden from the global address book(s)
- This list responds to EXPN and LIST requests
- Messages have list name in subject (ie.. Subject: [LISTNAME] text)
- Messages have thread numbers in subject (ie.. ...Subject text {5})

Delivery precedence level for this list's traffic: 80 (0 - 99)
Use this as a guideline: 10 = urgent, 50 = normal, 80 = bulk

Replace TO: field with N/A list's name member's full name

Include "ProductNews List Member" in TO: field

Don't distribute messages larger than 0 KB (0 = don't care)

OK Cancel

Open discussion groups.

Moderated discussion groups.

Announcement lists.

Public and private lists.

Member Subscribe, unsubscribe.

Owner-controlled subscriptions.

Invalid address pruning.

List archiving in public folders.

Digests.

Gateways

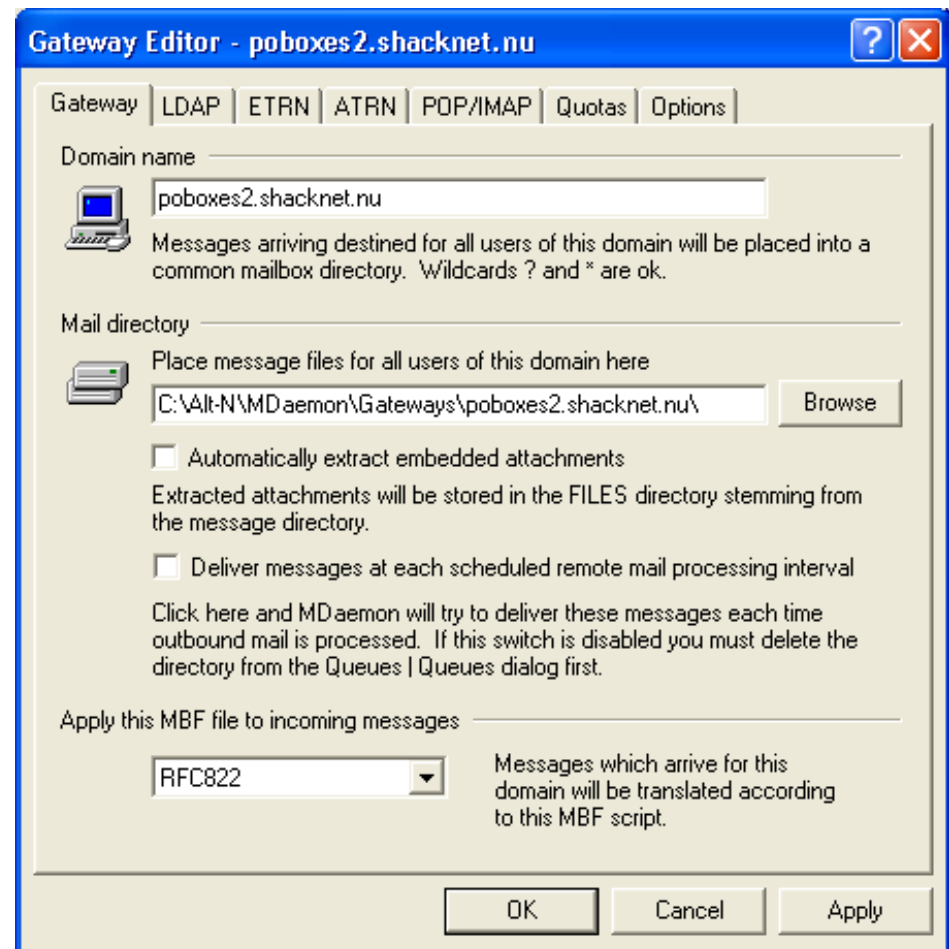
Service to multiple domains.

Security front end.

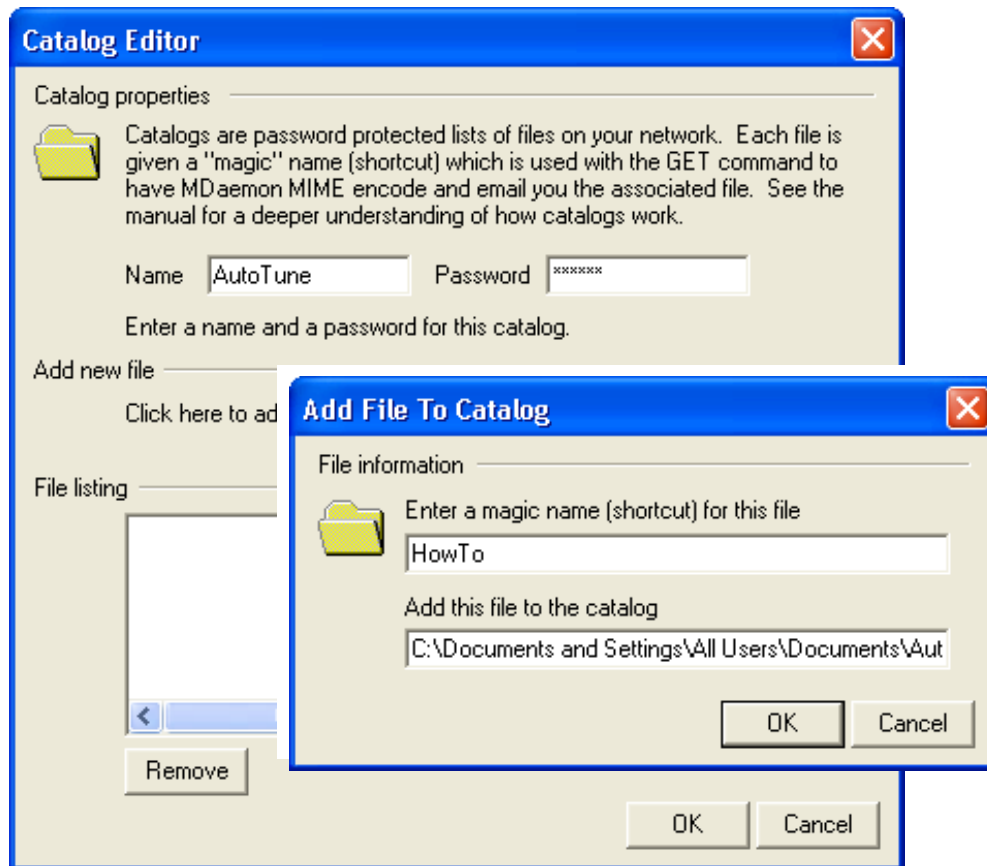
Virus and spam front end.

Low cost dial up interface.

Live backup for main server.



Catalogs



Send files as on email request.

Easy access without FTP or HTTP.

Catalog directories via email.

No size limits imposed by catalog.

Easy setup and maintenance.

Additional Options

Header translation.

IP caching.

Event scheduling.

Priority mail.

Bandwidth throttling.

Address aliases.

Outlook Connector for Outlook sharing via MDaemon.

ODBC database interface.

LDAP interface.

Queue management.

Log consolidation and reporting.

Site usage policy.

Auto responders.

Context-sensitive help.

More...

Summary

- Everything needed for email services.
- Professional features.
- Beginner ease of use.
- IMAP, POP, SMTP, Web Mail, groupware.
- Multi-domain, local and web admin.
- AntiSpam, access security, accouter manager.
- Mailing lists, gateway, catalogs, queue manager.



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