# MPP

## Message Processing Platform
### from RAE-Internet
www.raeinternet.com

# Before MPP There Was RAV

- Published by GeCAD, sold in this country by  RAE-Internet
- Reliable Anti-Virus program for OS X, other UNIX and Windows e-mail systems
- All of the "Intellectual Property" for RAV was purchased by Microsoft about 2 years ago.

# MailServer AntiVirus with the MPP

The MPP provides a powerful range of antivirus solutions for Unix based mailservers including Sendmail, Qmail, Postfix, and CommuniGate Pro. The MPP provides a rich set of features + Webmin management for Sophos AntiVirus, Pattern Authority integrated scanner, F-PROT, and ClamAV

# What OS's Are Supported?

Mac OS X 10.2 and above

Linux - i386, PPC, zSeries. glibc 2.3 required

FreeBSD 4.8 and 4.9, 5 with compatibiliy libraries.

Solaris 9, 8 on the way

# What E-Mail Systems Are Supported?

Sendmail LibMilter 8.12

Postfix

QMail

CommuniGate Pro

# What Features Does MPP Provide?

Selective Scanning
Quarantine Management
Silent Discard
Flexible Warning Schemes
Multiple Logging Levels
Multiple Scanner Support
Flexible Error Handling
AntiSpam Engine Support

# What Virus Scanners Are Supported?

## Sophos

Sophos is our fastest scanner due it's library approach and memory resident scanning. Sophos is business class antivirus and provides some of the fastest virus updates in the industry. You may purchase our Sophos/MPP bundles or purchase a standalone license for use with your Sophos site license.

## Pattern Authority

PA, by CyberSoft is an integrated virus, spam, and content scanner. Cybersoft built the worlds first Unix based virus scanner and they are widely deployed in military applications. Cybersoft provdes daily updates for virus and spam patterns. PA is supported on Linux, Solaris and OS X.
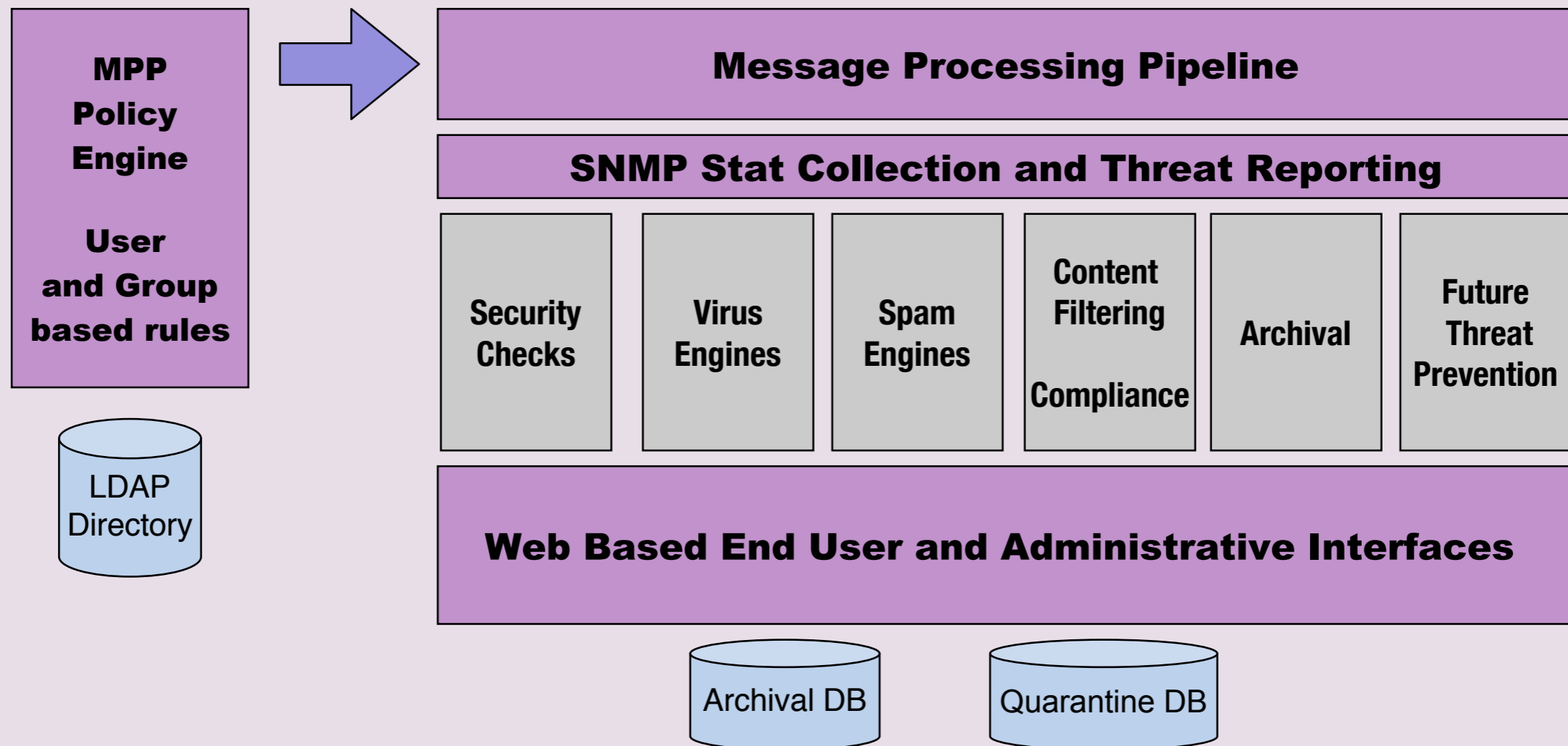
## F-PROT

The MPP supports the F-PROT Daemon scanner on Linux, Solaris and FreeBSD. F-PROT is world renowned for their antivirus expertise and their scanner is extremely accurate.

## ClamAV

The MPP provides a simple and straightforward interface for deploying ClamAV. ClamAV libraries are statically linked, you just place the virus definitions in the standard location. This means no compiling and an ultra fast installation. The MPP supports memory buffer scanning with ClamAV for increased performance.
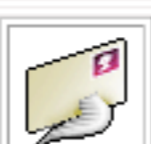
# Managing MPP

Webmin   System   Servers   Networking   Hardware   Cluster   Others

Module Config

## Server Control

### Version 1.8

**MPP** RAE INTERNET

| Control | Configure | Templates | Monitor | Virus/Error Quarantine | Spam Quarantine |

**MPPD status**
Message Processing Platform
Copyright (c) 2003 - 2005 RAE Internet Inc, www.raeinternet.com

Refresh

**MPPD version**
1.11. 104 release, Mon Nov 15 05:59:22 EST 2004 [Darwin 6.8 powerpc]

**SpamAssassin version**
3.0.1

**Server licence**
Licenced for 100 users until 10/31/2005

**MPPD server actions**
[ Restart Server ]   [ Stop Server ]

**Sophos actions**
[ Daily Virus Update ]   [ Monthly Virus Update ]

**ClamAV actions**
[ Virus Update ]

**Control**   **Configure**   **Templates**   **Monitor**   **Virus/Error Quarantine**   **Spam Quarantine**

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**Virus scanners to use**

☐ sophos  ☐ cybersoft  ☐ clamav  ☑ spamassassin
Please be sure that the selected virus scanners are already installed.

**Email server to use**

[ cgp ▼ ]
Please be sure that your mail server is configured to interface with the MPP daemon.

**Start daemons at startup?**

⦿ Yes  ○ No

**Number of threads to use for scanning**

[ 2 ]

**Email domains to scan messages from**

⦿ All domains  ○ Listed domains

**Email addresses not to scan**

**Email addresses to scan only (All other users will NOT be scanned)**

**Blacklist users and domains**

**Add signature to all mails sent from domain?**    ○ Yes ○ No

**Enter signature**

 

**Scan inside archives and compressed files?**    ● Yes ○ No

**Action for infected messsages**    Throw away message ▼

**Action when a disinfection error occurs**    Quarantine message ▼

**Action when a scanning error occurs**    Quarantine message ▼

**Action when a quarantine error occurs**    Quarantine message ▼

**Action when some other error occurs**    Quarantine message ▼

**Action for encrypted messages**    Deliver message normally ▼

**Maximum file size to scan (in MB)**

**Action for files over max file size**    Deliver message normally ▼

**Maximum recursion level**

**Action for files over max recursion level**    Deliver message normally ▼

**Custom header added to every message**

 

**Logging level**    INFO ▼

**Minutes between flushing log file**    5

| | |
|---|---|
| **Alert administrator when infection found?** | ⦿ Yes ◯ No |
| **Alert sender when infection found?** | ◯ Yes ⦿ No |
| **Alert receiver when infection found?** | ◯ Yes ⦿ No |
| **From address for alert emails** | Name `postmaster`   Email `postmaster` |
| **Send warning message when error occurs** | ⦿ Yes ◯ No |

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## Antispam specific options

| | |
|---|---|
| **Action for spam messages** | Mark subject ▼ |
| **Action for malformed messages** | Throw away message ▼ |
| **Whitelist incoming messages** | [ text area ] |
| **Whitelist outgoing messages** | [ text area ] |
| **Edited subject for spam** | `---Possibly SPAM---%SUBJECT%` |
| **Forwarding address for spam** | `%EMAILID%-spam@%DOMAIN%` |
| **Quarantine directory for spam** | `/usr/local/MPP/spam/%EMAILID%/` |
| **Custom header added to all spam messages** | `X-Spam-Status: Yes %SPAMSCORE%` |
| **Add X-Spam-Score: SA_score header?** | ◯ Yes ⦿ No |
| **Alternate SpamAssassin Subject Symbol** | [ ] |

**Extension blocking options**

**Extensions to block**

**Action when a blocked extension is found**

Delete messsage ▼

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**SQL Quarantine options**
**Download the create table SQL here**

**File or SQL?**

file ▼

**Use quarantine database?**

No ▼

**Quarantine database name**

**Quarantine database host**

**Login for database**

**Password for database**

Save    Save and Apply

## Monitor Logs

Version 1.8

**Control** | **Configure** | **Templates** | Monitor | **Virus/Error Quarantine** | **Spam Quarantine**

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**View log file** `20050216.log ▼` [ View ] [ Delete This Log File ]

**Display mode** `View in real time ▼` `20`

**Viewing log file** `/var/log/MPP/20050216.log`

```
[12:09:02] 6 [11264] [CgpSendJob] Sent CGP reply: 84570 ADDHEADER "X-Scanned-By: RAE MPP/Clamd http://raeinternet.com/mpp\eX-Scanned-By: RAE MPP/Spa
[12:09:03] 5 [12288] [FindDestinationJob] {Queue/3502973.msg} Passed through.
[12:09:03] 6 [12288] [CgpSendJob] Sent CGP reply: 84571 ADDHEADER "X-Scanned-By: RAE MPP/Clamd http://raeinternet.com/mpp\eX-Scanned-By: RAE MPP/Spa
[12:09:06] 6 [11264] [CgpReceiveJob] Received CGP message. File: Queue/3502974.msg
[12:09:06] 6 [11264] [CgpEnvelopeLoadJob] {Queue/3502974.msg} Envelope-1: P I 16-02-2005 19:09:06 0000 ____ ____ <yarden@sci.utah.edu>
[12:09:06] 6 [11264] [CgpEnvelopeLoadJob] {Queue/3502974.msg} Envelope-2: O T
[12:09:06] 6 [11264] [CgpEnvelopeLoadJob] {Queue/3502974.msg} Envelope-3: S SMTP [155.98.119.15]
[12:09:06] 6 [11264] [CgpEnvelopeLoadJob] {Queue/3502974.msg} Envelope-4: R W 16-02-2005 19:09:06 0000 ____ _FY_ <dustman@cvrti.utah.edu>
[12:09:06] 6 [11264] [CheckDomainJob] {yarden@sci.utah.edu} Scanning for the specified user name
[12:09:06] 6 [11264] [CheckDomainJob] {dustman@cvrti.utah.edu} Scanning for the specified user name
[12:09:07] 5 [11264] [FindDestinationJob] {Queue/3502974.msg} Passed through.
[12:09:07] 6 [11264] [CgpSendJob] Sent CGP reply: 84572 ADDHEADER "X-Scanned-By: RAE MPP/Clamd http://raeinternet.com/mpp\eX-Scanned-By: RAE MPP/Spa
[12:09:24] 6 [11264] [CgpReceiveJob] Received CGP message. File: Queue/3502975.msg
[12:09:24] 6 [11264] [CgpEnvelopeLoadJob] {Queue/3502975.msg} Envelope-1: P I 16-02-2005 19:09:24 0000 ____ ____ <services@cosmetique.com>
[12:09:24] 6 [11264] [CgpEnvelopeLoadJob] {Queue/3502975.msg} Envelope-2: S SMTP [66.129.101.70]
[12:09:24] 6 [11264] [CgpEnvelopeLoadJob] {Queue/3502975.msg} Envelope-3: R W 16-02-2005 19:09:24 0000 ____ _FY_ <montoya@cvrti.utah.edu>
[12:09:24] 6 [11264] [CheckDomainJob] {services@cosmetique.com} Scanning for the specified user name
[12:09:24] 6 [11264] [CheckDomainJob] {montoya@cvrti.utah.edu} Scanning for the specified user name
[12:09:25] 5 [11264] [FindDestinationJob] {Queue/3502975.msg} Passed through.
[12:09:25] 6 [11264] [CgpSendJob] Sent CGP reply: 84573 ADDHEADER "X-Scanned-By: RAE MPP/Clamd http://raeinternet.com/mpp\eX-Scanned-By: RAE MPP/Spa
[12:09:51] 6 [12288] [CgpReceiveJob] Received CGP message. File: Queue/3502976.msg
[12:09:51] 6 [12288] [CgpEnvelopeLoadJob] {Queue/3502976.msg} Envelope-1: P I 16-02-2005 19:09:51 0000 ____ ____ <Mofscorpio@aol.com>
[12:09:51] 6 [12288] [CgpEnvelopeLoadJob] {Queue/3502976.msg} Envelope-2: S SMTP [64.12.138.206]
```

# Quarantined Viruses and Errors

**Control**   **Configure**   **Templates**   **Monitor**   Virus/Error Quarantine   **Spam Quarantine**

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Select all Invert selection

| | From | To | Date | Subject | Size |
|---|---|---|---|---|---|
| ☐ | Bioen6000 administration | casey.hughes@pharm.utah.edu | 14/Feb/2005 12:05 | WARNING! (2791782340) | 1 kB |

Select all Invert selection

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Delete Selected Messages

Forward Selected Messages To: [                    ]

Deliver Selected Messages   ○ Using sendmail  ● Via CommuniGate  ○ Via SMTP server:
[                    ]

☐ And delete from quarantine

☐ Re-scan message with MPP

## Configuration

### For module RAE Internet MPP Panel

| Configurable options for RAE Internet MPP Panel | |
| --- | --- |
| MPP configuration file | /usr/local/MPP/mppd.conf |
| Log files directory | /var/log/MPP |
| Command to display MPPD status and version | /usr/local/MPP/mppd -v |
| Command to display MPP licence | /usr/local/MPP/mppd -l /usr/local/MPP/key.txt |
| Command to start MPPD | /usr/local/MPP/mppd |
| Command to stop MPPD | /usr/local/MPP/mppd -s |
| Command to restart MPPD | /usr/local/MPP/mppd -r |
| Command to update Sophos daily | /usr/local/MPP/sophosdaily.sh |
| Command to update Sophos monthly | /usr/local/MPP/sophosmonthly.pl |
| Command to update F-PROT | /usr/local/f-prot/tools/check-updates.pl |
| Command to update Cybersoft | /usr/local/pa/bin/pa-update.sh |
| CommuniGate submitted mail directory | /var/CommuniGate/Submitted |
| Command to update ClamAV | clamavupdate.sh |
| Quarantined messages to display per page | 40 |
| PA webserver directory | /usr/local/pa/Documents |

Save

# MPP Store

Please [contact us](#) for larger quantity sales, ISP sales and Education sales.

## MPP-LE

- AntiVirus and AntiSpam
- Sendmail, Qmail, Postfix, CommuniGate Pro, SurgeMail
- Linux, OS X, Solaris, FreeBSD
- Comprehensive GUI Management
- Maximum Flexibility
- Fastest and easiest ClamAV/SpamAssassin Interface
- One Year License
- Flexible Licenses Available for ISP's!

[25 Users - $199](#)
[50 Users - $299](#)
[100 Users - $399](#)

## MPP/Sophos Bundle

- The easiest way to add Sophos AV Protection
- Real Time Virus and Spam protection for your email server
- Linux, OS X, Solaris, FreeBSD
- Sendmail, Qmail, Postfix, CGate Pro, SurgeMail
- Ultrafast Library Interface
- Comprehensive GUI Management
- One Year License

[25 Users - $499](#)
[50 Users - $849](#)
[100 Users - $1349](#)

## MPP + Pattern Authority by CyberSoft

- Integrated virus, spam, and content scanner
- Sendmail, Qmail, Postfix, CGate Pro, SurgeMail
- Linux (i386, ppc), OS X, Solaris
- GUI Management
- Military Proven
- Smart Content Filter - Get rid of profanity with one command

[25 Users - $399](#)
[50 Users - $799](#)
[100 Users - $1349](#)

## MPP Remote Installation

- Remote Installation of MPP via Secure Shell
- Configuration of Email server for use with MPP
- Webmin and MPP Webmin module installation if required
- 30 Minute Overview
- NO HASSLES
- **$99**

[Buy MPP Installation](#)