

System Performance and Requirements

The Commtouch Anti-Spam Enterprise Gateway is specifically designed to provide superior real-time spam protection for companies of any size. It is a truly IT-friendly solution: requiring no maintenance by the IT department, providing optimal compatibility with email servers and rapid deployment. The Gateway is a software add-on to MS-SMTP Server[®] 2000/2003. The following specifications cover system performance and minimum technical requirements:

Performance

Total Messages Per-Second Processed:

- MS-SMTP by itself processes ~20msg/sec
- Enterprise Gateway + MS-SMTP: up to 20 msg/sec

CPU Load:

- Minimal CPU load <1% (when CPU is idle)
- Maximal CPU load, when processing ~15 msg/sec, +35% for all processes

Memory Utilization:

- Without local spam-patterns cache: 2 MB.
- With a cache containing 10,000 records (default): additional 5 MB – total 7 MB

Spam Detection Time Response:

- Local spam-detection: real-time while messages are queued by MS-SMTP Server[®]
- Remote spam-detection: 300ms round-trip time (excluding Internet latency)

Spam Query Size:

<500 Bytes

Effectiveness of Local Spam-Patterns Cache:

+70% of spam resolution (after few days of operation).

Bandwidth Estimation:

For a 5000-employee enterprise with average of 50 messages per-day with each user receiving 20% of messages in peak hour and a Gateway including a local spam-pattern cache: ~2.22 KBps.

Requirements

Server-Side

Hardware:

- **Processor:** Pentium III 500 MHz (or faster)
- **Memory:** 256 MB
- **Hard Disk:** At least 500 MB of free space

Software:

- Microsoft Windows 2000/2003 Server
- Microsoft Internet Information Server 5.0
- Microsoft SMTP Server 2000/2003

Client-Side

Optional Operating Systems:

- Microsoft Windows 2003
- Microsoft Windows XP
- Microsoft Windows 2000
- Microsoft NT
- Microsoft Windows 98
- Microsoft Windows 98 SE

To View and Manage Suspected Messages in a Remote Junk Mail Folder:

- Any email client accessing the mail server via any email protocol.
- Internet Explorer 5.5 or higher version

To View and Manage Suspected Messages in a Local Junk Mail Folder:

- MS-Outlook[®] 2000/2003
- Commtouch Anti-Spam Plug-in for MS-Outlook[®]

To Receive Suspected Messages in the Inbox Folder:

- Any email client accessing the mail server via any email protocol
- Internet Explorer 5.5 or higher version

Commtouch Inc.
1300 Crittenden Lane
Suite # 103
Mountain View CA 94043. USA
Tel: +1 650 864 2000
Fax: +1 650 864 2002

Commtouch Software Ltd.
1A Hatzoran St
P.O. Box 8511
Netanya 42504 Israel
Tel: +972 9 863 6888
Fax: +972 9 863 6863