

## DESCRIPTION

### MailEnforcer™ Software

- **Operating System:** Embedded Oracle Enterprise Linux (v4)
- **Processor:** Intel Xeon 3000/5000/7000 series or AMD Athlon or Opteron
- **Memory:** 2GB minimal, 4GB recommended (Supports up to 16 GB)
- **Database:** MailEnforcer integrates an embedded Oracle 10g relational database. Since the database is embedded, there is no management of the database itself.
- **Storage:** Minimal 73GB drive required, either SCSI & SATA supported, RAID 1,5,10 recommended



### Administrator Workstations

- **Supported Operating Systems:** Windows 2003/XP/Vista, Linux/Unix (Kernel release 2.4 and higher), MAC (OSX)
- **Support Browsers:** Mozilla, Firefox, Internet Explorer, Konqueror using Java Runtime Edition (JRE 1.4.x or higher)
- **Supported Java Runtimes:** Java Runtime Edition (JRE 1.4.x or higher)
- **Java Standalone:** Java Web Start (JSE 1.3 - 1.6)

## TECHNICAL

### Network Environment

MailEnforcer is an enterprise anti-spam/anti-virus solution that protects your internal SMTP server from spam and viruses. Because MailEnforcer uses Oracle Enterprise Linux, it's a secure solution and can reside anywhere on your network -- even outside the firewall if necessary. Oracle has won GFI certification and therefore is the only commercial Linux distribution that can sell into federal accounts. Standard procedure is to place MailEnforcer inside the network, route SMTP traffic through it and then on to your mailbox server internally. MailEnforcer filters the (E) SMTP protocol. MailEnforcer is a store-and-forward mail filter, and is designed to be safer than servers that don't store mail on disk.

The network administrator can control MailEnforcer from any java-enabled web browser, and can set up access permissions for additional members of the team. MailEnforcer is designed to be as unobtrusive to the network as possible. It can be run in the DMZ or directly in line with the mail server.

### Licensing

MailEnforcer software is licensed per seat (10 user minimal license)

### Administration

Administration is primarily done through a supported browser using the Java program. The browser needs to support ssl and any proxy servers need to allow port 8888 and https. Limited shell access is available to perform minimal technical functions. Any java-enabled browser should work with the interface; tested browsers include Mozilla, Mozilla Firefox, and Internet Explorer. The java runtime version needs to be JRE 1.4.x or higher. MailEnforcer can also be accessed via the Java Web Start Standalone version.

### End-Users

End users do not access the MailEnforcer GUI directly; instead, they can release stopped e-mail messages either via a stamp on the bottom of e-mails or a separate Spam Summary e-mail.

#### Required Inbound Ports (TCP)

8888(GUI)  
25 (SMTP)  
8889 (GUI)  
22 (Support)  
10000-10001 (Monitoring)  
1521 (GUI)

#### Required Outbound Ports (TCP)

21 (Updates)  
25 (SMTP)  
80 (Updates)  
123 (Time)  
53 (DNS)  
10001 (Monitoring)  
10000 (Monitoring)  
6277 (UDP)  
22222 (License)  
6043 (Updates)

#### Supported E-Mail Standards

(E)SMTP

#### Other Supported Standards

HTTPS (over port 8888)  
HTTP  
LDAP

## SUPPORT

- **On-Site Installation:** On-site installation is not required; however, it is recommended so that your configuration can be uniquely matched to your company's specific requirements.
- **Shell Access:** Limited shell access is available to perform standard MailEnforcer functions. Root access is available with some support packages.
- **Support:** MailEnforcer support includes the ability for our technical experts to access your MailEnforcer directly and correct or view your setup. You can e-mail through the MailEnforcer application or from your e-mail client to support@drawbridgesoftware.com
- **Manual:** The MailEnforcer manual is only provided via the MailEnforcer website. This way the most current information is always available.
- **Website:** The MailEnforcer website provides a customer only section to allow Administrators access to the latest MailEnforcer information
- **Updates:** Are installed remotely by MailEnforcer and are provided with a current support contract.