McAfee Total Virus Defense

An Important Tool

For many businesses today, their networks are their livelihood. For the rest, the network is merely their most important mission-critical asset. According to the 2001 CSI/FBI Computer Crime and Security Survey, computer viruses are the most common and most costly threats to computer networks today. With more than 300 new viruses discovered each month, and the most prevalent viruses spreading around the globe in a matter of hours, does it make sense to have anything less than a total virus defense?

Top-to-Bottom Protection

To effectively combat the ever-changing virus threat, you should establish an anti-virus policy. Most companies today understand the need for virus protection. But fewer have put virus defenses in place at all possible entry points. Today's fast-moving worms and mass-mailing viruses make it necessary to establish a policy of total coverage and to maintain 95% or better compliance with that policy. Because even one unprotected computer on the network can lead to an eruption of worm or mass-mailer activity, total protection is the only effective defense.

Most companies need protection at the desktop, file server, groupware server, and Internet gateway. Total Virus Defense offers industry-leading protection for each of these four network tiers.

Popular Desktop Protection

Every desktop on the network represents several vectors of infection, or ways for viruses to enter the network. Floppy disks, CDs burned at home, personal e-mail accounts, and PDAs are just a few of the routes a virus might take onto the network. That's why comprehensive, manageable desktop virus protection is essential. VirusScan is the protection of choice for desktops. A host of installation and customization features make it one of the most manageable desktop anti-virus solution on the market today. VirusScan can detect viruses in email attachments even before the message is opened. VirusScan will filter out malicious Java and ActiveX applets while users surf the web. VirusScan checks files for viruses every time they are accessed—whether it's to move, copy, create, rename or download the file. In short, VirusScan puts comprehensive protection on the desktop.

The Internet

Internet Gateway Protection

Anti-Virus Emergency Response Team

File Server Protection

Email Server Protection

Desktop Protection

Key Features

- **Superior Detection and Cleaning**
  Because that's what it all comes down to, in the end.
- **Broad Platform Coverage**
  Everything from Linux to Windows to NetWare.
- **Updating**
  AutoUpdate uses pull technology to keep your virus protection current at all times.
- **Incremental Updating**
  Ensures lightning fast updates with minimal network bandwidth impact.
- **Email Protection**
  VirusScan can scan for known viruses in unopened attachments in MAPI or POP-3 email messages, protecting your users from today's most prevalent virus type: mass-mailers.
- **Expertise**
  AVERT is standing by to help you recover from virus emergencies 24x7, worldwide.
- **Support**
  There's a McAfee PrimeSupport offering for everyone, from online forums to 24x7 named contact.

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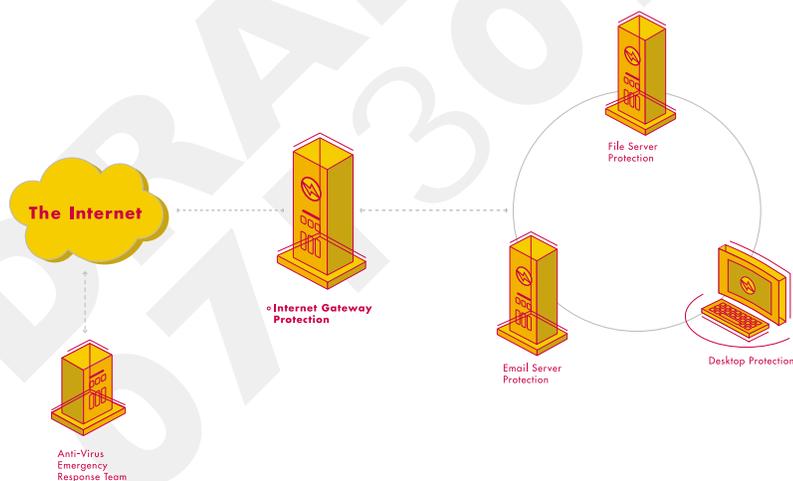
A Network Associates Business

It's Called A Gateway

There's a reason the point at which a corporate network connects to the Internet is called the Internet gateway: it's a point beyond which some things must not pass. That goes for inbound as well as outbound traffic, and it's just as useful in fighting viruses as in preventing intrusions. More than 87% of all viruses enter corporate networks through the Internet gateway*, making this the most crucial line of defense.

As anyone who has administered desktop virus protection software can attest, it's nearly impossible to get all the desktops on a network 100% protected with updated anti-virus software. With today's fast-moving worms, all it takes is one out-of-date machine to start a virus outbreak. If there are other vulnerable computers on the network, the result is a costly clean-up effort. Even if every other computer is well protected, the result can be hundreds of helpdesk calls from users asking if the message they just saw saying a virus was cleaned is correct. McAfee's WebShield Internet gateway virus protection solution can stop Internet email borne viruses before they get to even one user on the network, preventing those costly problems. With McAfee's unique Outbreak Manager technology, WebShield can identify and stop outbreaks even when the virus instigating them is new and unknown. And content filtering capabilities can help kill time-wasting spam and virus hoaxes.

Groupware Protection

Of course, not every piece of data on a network enters through the Internet gateway. For keeping those email and collaborative environments virus free, McAfee's GroupShield products are just the ticket. With support for both Lotus Domino and Microsoft Exchange environments, GroupShield stands guard with an arsenal of anti-virus defenses. Outbreak Manager's automated responses stop outbreaks before they start. Content filtering

allows spam and hoax blocking, and can also help keep confidential data from leaving the network. Because it's remotely manageable, GroupShield is well suited to even the largest and most distributed enterprise environments.
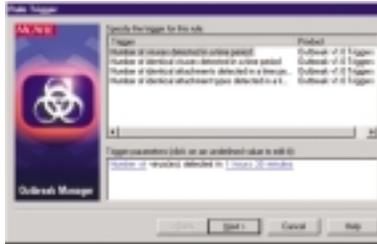
Outbreak Manager's automated responses stop virus outbreaks before they start.

The Petri Dish of Computer Viruses

File servers are extremely useful, productive tools. Their utility in collaboration and file storage makes them indispensable. But it also makes them a favorite hiding place for viruses. When Joe User's out-of-date desktop virus protection allows him to upload a virus infected document, all the other users who access that file can become infected. And if the IT team starts backing up the data on the server regularly, even the backups can wind up infected if they're not careful. McAfee's NetShield server protection can eliminate these potential headaches. It offers both real-time scanning to detect and clean known viruses as files are accessed and on-demand scanning that allows scheduled deep-down bug scrubs of the entire system.

It's All About Detecting and Cleaning Viruses

At the end of the day, all the bells and whistles in the world won't stop a virus, if the anti-virus solution can't detect and clean known viruses. All the McAfee Total Virus Defense components use the award-winning McAfee virus scanning engine. With unique double heuristic scanning technology, generic variant detection capabilities, and industry-leading compressed file handling, the McAfee engine is one of the best money can buy.

Backed by AVERT

Total Virus Defense is more than just software. It's a partnership with McAfee. It's the support of the McAfee PrimeSupport organization, which can put advice and help from a live person at your fingertips 24 hours a day, 7 days a week. It's the expertise of the McAfee Anti-Virus Emergency Response Team (AVERT). AVERT researchers stationed all around the world combine their expertise and skill to consistently make McAfee one of the first to detect new viruses. When the Anna Kournikova and Homepage viruses were ravaging networks worldwide, McAfee customers were relaxed and doing business as usual, because AVERT researchers had produced products that were capable of detecting and cleaning the viruses months before they were discovered.

Total Virus Defense Includes:

VirusScan

Runs on Windows 95,98, Me, NT, 2000; DOS; Linux; HP-UX; SCO; AIX; Solaris

NetShield

Runs on Windows NT and 2000; NetWare

GroupShield

Supports Microsoft Exchange and Lotus Domino

WebShield SMTP

WebShield for Solaris

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