

McAfee VirusScan Security Suite

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 threat 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?

Comprehensive 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. VirusScan Security Suite offers industry-leading protection for the foundation of your network – the desktops and file servers.

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 email accounts, and PDAs are just a few of the routes a virus might take onto the network. That's why comprehensive, manageable desktop virus



VirusScan's comprehensive protection blocks all points of entry on the desktop

protection is essential. VirusScan is a top choice for the protection of desktops. A host of installation and customization features make it a manageable desktop anti-virus solution on the market today. VirusScan can detect known 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 known viruses every time they are accessed—whether it's to move, copy, create, rename or download the file. In short, VirusScan puts total protection on the desktop.



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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Covers All Points of Entry

VirusScan's many features comprehensively cover all points of entry on the desktop. email scanning checks email message attachments for known viruses as they arrive in the user's Inbox—so the files can be identified and cleaned even before the user accesses them. Download scanning prevents users from downloading infected attachments from websites or FTP servers. And VirusScan's Internet filter blocks hostile Java and ActiveX applets, while enabling administrators to block access to websites.

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. NetShield handles myriad compressed and archive file types with ease, making it possible to clean known viruses even from zipped-up file stores. Infected files can be automatically cleaned, quarantined, or deleted. NetShield's powerful central management console gives you comprehensive control over protected servers from any server or workstation. Enterprise-wide, all monitoring and configuration functions can be performed from the convenience of a single console. The result is comprehensive yet unobtrusive protection for every file server on the network.

Updating

Both VirusScan and NetShield use McAfee's patented incremental updating technology, AutoUpdate, to keep themselves up-to-the minute on the latest viruses. Checking the McAfee website or an FTP site defined by the administrator on a configurable schedule, AutoUpdate downloads only the changes to the virus definitions database that have occurred since its last update, preventing unnecessary use of network bandwidth. Typical download size, when AutoUpdate is set to retrieve updates weekly, is only about 100kb—less than the traffic generated by four average web page downloads.

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 VirusScan Security Suite 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.

There are many Anti-Virus products on the market today, but not all products have 100% detection and cleaning. In today's connected world we're witnessing the constant onslaught of new malicious code threatening corporate security. Virus writers are always there behind the scenes creating new attacks such as ActiveX and Java applets, worms, and Remote Access Trojans (RATs). To combat this never-ending threat and achieve a world market-leading detection and cleaning, VirusScan and NetShield use advanced heuristic technologies called ViruLogic to seek out previously undiscovered viruses. ViruLogic has the intelligence to know what characteristics viruses do and do not exhibit; something other scanners cannot achieve. The result is unparalleled detection of new viruses with the fewest possible false alarms. VirusScan

and NetShield also employ Virtran, a virus-specific scripting language that enables researchers to create detectors and cleaners in a matter of seconds. This means quicker fixes for new ferocious viruses resulting in the best means to deal with virus outbreaks.

Backed by AVERT

The McAfee VirusScan Security Suite 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.

VirusScan Security Suite Includes:

VirusScan

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

NetShield

Runs on NetWare; Windows NT and 2000

For more information on products,
worldwide services, and support,
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