



Norton AntiVirus/IBM Solution Suite

Highlights

Detects and removes known, previously unknown and unidentified viruses

Works in the background to provide continuous, automatic protection

Provides broad coverage of clients, servers and gateways

Detects and disinfects 100% of in-the-wild viruses, including Microsoft Word macro viruses¹

Analyzes viruses byte-for-byte before disinfection

Offers the same look-and-feel across multiple platforms

Automates and centralizes administration

Virtually eliminates false alarms

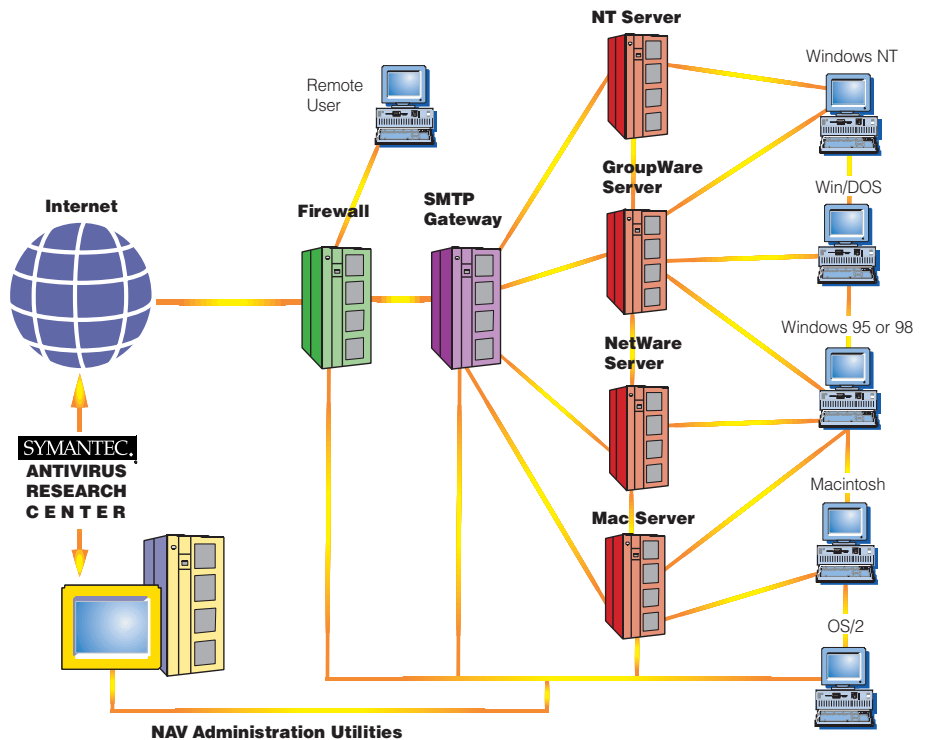
Delivers automated, server-based updates of the AntiVirus products

Meets Year 2000 readiness requirements²

Norton AntiVirus™ by Symantec™, one of the world's leading antivirus solutions, delivers advanced virus detection and elimination software to businesses of all sizes. This multiplatform solution provides easy-to-use, customizable, "install-and-forget" protection that begins guarding your workstations, servers and gateways as soon as it is installed.

Safety first

Rare or previously unknown viruses don't have to be fatal. During installation, Norton AntiVirus/IBM® Solution Suite provides a generic disinfection feature, a patent-pending technology that records information about your files for later use in disinfection. If a file is infected with a rare or previously unknown virus, generic disinfection attempts to use the



The Norton AntiVirus multi-tier solution



Powerful, integrated virus protection for your e-business

recorded information to reconstruct the original uninfected file. If the reconstruction exactly matches the original file, the file will be safely disinfected.

Whatever type of virus is present, Norton AntiVirus won't damage files or boot records to remove the virus. If it's unable to safely disinfect, you have the option to erase the infected files or replace the infected boot records. All actions are recorded in the ASCII log file where you can later access them to view or print.

Protection from the unknown

Bloodhound™ technology protects your system from previously unknown viruses – including rapidly spreading macro viruses. It sets up a virtual computer to evaluate files, then scrutinizes a program's overall structure, programming logic, instructions, file data and other attributes to assess the likelihood of viral infection. Clean files pass through, but viral files are stopped before they can cause harm. It also eliminates new viruses that might arise between updates.

Norton AntiVirus also provides protection against malicious code. It can detect and remove Trojan horses and dangerous forms of ActiveX controls and Java™ applets. Symantec AntiVirus Research Center™ (SARC™) experts search the Web for malicious code and update Norton AntiVirus to protect against it.

Automatic updates

With an average of 10 to 15 new viruses discovered every day, it's critical to keep your virus protection current. LiveUpdate™ enables automatic retrieval of new virus definitions from Symantec up to once a week. Run your first LiveUpdate session during installation and schedule future sessions to run automatically, helping ensure that your network is always protected against the latest virus threats without interrupting network activity.

24-hour, unobtrusive protection

Norton AntiVirus can run automatically at prescheduled times to check all of your computers' hard disks for viruses. If your system becomes infected,

Norton AntiVirus can disable the virus and allow the infected program to run as though it is not infected, without fear of spreading the infection or causing damage. The AutoProtect feature monitors your system in the background using realtime scanning, allowing you to focus on your work without interruption. Computers are guarded against viruses that might enter from networks or with e-mail attachments, Internet downloads, floppy diskettes and software CDs.

Efficient performance

Exclusive Scan Caching technology provides fast scanning time and low bandwidth consumption. Once a file has been scanned and found to be virus-free, it will not be scanned again until changes are made, greatly improving day-to-day server performance. Norton AntiVirus scans all files in realtime as they are accessed or copied to and from the server. You can save even more time by scheduling automatic scans at regular intervals.

Reliable antivirus technologies

Norton AntiVirus Quarantine technology provides a safe zone on a Quarantine server where you can isolate infected files and attachments for repair when network activity is lower. This quarantine area helps ensure that your other files stay clean and that you don't accidentally send infected files to anyone else. Quarantines, virus scans and removal can be managed from any location using a Web browser.

Striker™ technology detects and removes polymorphic viruses, which account for roughly 22 percent of today's viruses and often elude standard virus-detection methods. To detect these encrypted viruses, each time Norton AntiVirus scans the computer, it sets up a virtual PC or "clean room" to safely execute potentially infected files. Once the virus has decrypted itself inside the Striker virtual PC, Norton AntiVirus can identify and repair the virus without endangering other files.

Digital Immune System

IBM and Symantec are collaborating on the development of the Digital Immune System™. Symantec has announced its intention to market products that are Digital Immune System-enabled³. This is a global distributed system that can find a previously unknown virus on your system and send it safely over the Internet to an automated analysis center. There, the virus is analyzed, and detection and cure information is extracted. The prescription is sent back to your system and then made available to other systems all over the world. This automated process generally takes minutes from finding a new virus to making the cure available worldwide.

Easy administration

Norton AntiVirus enables maximum administrative control and flexibility with the following functions and features:

- Central distribution and administration
- Remote configuration scanning
- Continuous, automatic protection
- Realtime, on-demand or scheduled scanning (for off-peak hours)

- Ability to repair, quarantine or delete infected files
- Comprehensive reporting and detailed logging capability
- Customizable e-mail virus alerts sent to sender, receiver and administrator
- Greater control of your environment
- Quick, easy configuration
- Installation in minutes
- Simple method for sending suspicious files to Symantec for evaluation with Scan and Deliver feature

Norton AntiVirus offers the following family of products, plus the products in the following chart:

- Desktop solutions: DOS, Windows® 3.1, Windows 95 and Windows 98, Windows NT® 3.51, Windows NT 4.0, Mac OS and OS/2®
- Server solutions: Windows NT 3.51, Windows NT 4.0, NetWare NLDM, Lotus Notes® and Microsoft® Exchange
- Gateway solutions: Internet E-mail Gateways for Windows NT and Firewalls
- Administration: NAV Plus for Tivoli® IT Director, NAV Plus for Tivoli Enterprise, Norton System Center, Macintosh Administrator and other administrative tools

Norton AntiVirus at a glance

Norton AntiVirus system requirements

OS/2

- IBM PC or compatible system
- Intel® 80386 DX or higher (Intel 486 recommended)
- OS/2 2.11, Warp, Warp Connect or Warp 4
- 16MB of RAM (32MB recommended)
- 24MB of free hard disk space
- CD-ROM drive

Windows NT

- Windows NT Workstation 4.0
- 16MB of RAM (32MB or higher recommended)
- 24MB of free hard disk space
- 90MHz Pentium® or higher

Windows 95 or Windows 98

- 486 IBM PC or compatible system
- Windows 95 or Windows 98
- 8MB of RAM (16MB or higher recommended)
- 24MB of free hard disk space

Windows 3.1 or DOS

- 386 IBM PC or compatible system with 4MB of memory
- Windows 3.1
- DOS 5.0 or higher
- 10MB of free hard disk space to install Norton AntiVirus for Windows and DOS
- 5MB of free hard disk space to install only Norton AntiVirus for DOS

Windows NT for Notes

- Windows NT Server 3.51 with Service Pack 5 or Windows NT Server 4.0 with Service Pack 3
 - Notes Server 4.51 or higher (4.52 or higher is required to repair infected OLE objects embedded in documents)
 - 90MHz Pentium or higher
 - 32MB RAM minimum (64MB recommended)
 - 20MB of free hard disk space to install
 - 50MB minimum free hard disk space for processing (the location for temporary files is a Global Option that can be changed after install)
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Norton AntiVirus at a glance continued

Firewall

- Windows NT 3.51 or Windows NT 4.0
- 133MHz Pentium or higher
- 32MB of RAM minimum (64MB recommended)
- 500MB of free hard disk space (1GB recommended)

Internet E-mail Gateways

- Windows NT 3.51 or Windows NT 4.0
- 133MHz Pentium or higher
- 32MB of RAM minimum (64MB recommended)
- 150MB of free hard disk space (500MB recommended)

Tivoli IT Director servers

- Tivoli IT Director 1.2 or higher
- Windows NT 4.0 with Service Pack 3

Tivoli IT Director clients

- Tivoli IT Director 1.2 Endpoint software
- Windows NT: 16MB of RAM (32MB recommended);
Windows 95 or Windows 98: 8MB of RAM
(16MB recommended)
- 40MB of free hard disk space

Microsoft Exchange

- Windows NT Server 3.51 with Service Pack 5 or
Windows NT Server 4.0 with Service Pack 3
- Microsoft Exchange 4.0 or higher
- 133MHz Pentium or higher
- 64MB of RAM
- 20MB of free hard disk space to install
- 50MB of free hard disk space for processing
- Netscape Navigator or Internet Explorer 3.x or higher;
Java, JavaScript and cookies must be enabled
- Client for Microsoft Exchange or Microsoft Outlook

NetWare NLM

- 600KB of available RAM
- 4MB of free hard disk space
- Novell NetWare 3.11, 3.12, 4.1 or 4.11 (IntranetWare);
Novell NetWare for OS/2 or SFT-III
- IPX protocol

Macintosh

- System 7.5 minimum
 - 68040 processor minimum (including Power Macintosh)
 - 8MB RAM
 - CD-ROM drive
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Part of the total IBM integrated security solution

Norton AntiVirus is a component of IBM SecureWay® FirstSecure, delivering comprehensive security solutions that enable e-business. Norton AntiVirus is available through the IBM Passport Advantage program, separately or as part of SecureWay FirstSecure.

For more information

To learn more about Norton AntiVirus/ IBM Solution Suite, visit our Web site at:

www.ibm.com/software/security/antivirus



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3-99
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¹ Source: *Secure Computing* magazine's West Coast Labs Anti-Virus Checkmark Level 2 certification. For a product to be certified at this level, it must be able to detect and disinfect all viruses defined as those that appear at test time on The Wildlist Organisation's "In the Wild" list and which have been reported by more than one person. See www.check-mark.com for more information on the West Coast Labs certification.

² Year 2000 ready means that the IBM product, when used in accordance with IBM-associated documentation, is capable of correctly processing, providing and/or receiving the date data within and between the twentieth and twenty-first centuries, provided that all products (for example, hardware, software and firmware) used with the IBM product properly exchange accurate date data with it.

³ All statements regarding IBM future direction or intent are subject to change or withdrawal without notice and represent goals and objectives only.