

BITDEFENDER CLIENT SECURITY



THE FOUNDATION OF BUSINESS SECURITY

The security requirements for any new or existing company – no matter how large or small - should be the same. While protecting your company's intellectual property and securing customer data are good business practices, the impact of any virus outbreak greatly affects the company's operational efficiency and can incur lost productivity from the workforce. This loss of productivity can cripple a small company and at best, hamper the company's growth.

ANTIVIRUS IS NOT ENOUGH

Threats are constantly evolving to circumvent the security controls your organization puts in place. While antivirus is the foundation of a good security policy, it is no longer the only answer to protecting your workforce from malicious threats. Threats that cause significant business disruption can include:



Viruses: Transmitted by infecting executable files, hidden inside of compressed archives or as macros within legitimate documents. Virus payloads include deleting files, encrypting data, wiping the hard disk, etc.



Adware/Spyware: Almost as disruptive and dangerous as a virus, spyware can be difficult to identify and hard to remove. Personal and corporate data leakage is a key concern, in addition to deteriorating workstation performance, installing additional software and redirecting browser activity. Badly infected systems may require a complete system reinstall, wasting hours of IT time and resources.



Worms: A self replicating program that uses the network to propagate, slowing down networks and infecting systems by leveraging system and application vulnerabilities. Payloads can include the deletion or encryption of files, emailing out documents, installing backdoors, zombies and Trojans.



Trojans and Root Kits: Trojans and Root Kits appear to be legitimate programs but are designed to allow remote access to a computer system. Once a Trojan or Root Kit has been installed, it is possible for an attacker to access the system remotely and often can lead to data theft. Detecting and preventing these types of threats manually can be time consuming and often lead to a complete system reinstall if improperly removed.



Email Spam and Phishing: Unsolicited commercial advertisements distributed via email are more than just an annoyance. Spam consumes too much of peoples' personal time if not managed properly. Some Spam or phishing attacks may also include malware as attachments - leading to internal compromise if executed – or links to websites requesting personal information. Phishing uses similar techniques but directs the user to a seemingly legitimate website in order to harvest personal information, such as credit card or bank account information or dropping keyloggers onto the system that can harvest sensitive company information.

The impact of malware can be a severe disruption to everyone in the organization - however, it is the IT department that feels the after-effects the most. IT administrators that have dealt with the removal of a quickly propagating worm or virus that has infected a large number of systems knows that it is a long, time consuming task. Unfortunately, that task must take precedence over other IT projects to limit data loss and restore workforce efficiency as quickly as possible.

KEY FEATURES AND BENEFITS

- Award winning virus detection, cleaning and quarantine
- Flexible scheduling of on-demand or immediate execution scans for up-to-date infection assessments
- Optimized scanning using file fingerprinting for each user session and re-scans them upon new session creation, an update, or on infection of the system
- Quarantines infected or suspected files to minimize infections and to allow later safe analysis
- Policy-based configuration and management
- Personal firewall protection for remote and roaming users
- Removable device scanning and access control policies
- System level spam protection with constantly updated whitelists/blacklists and Bayesian learning engine to identify new spam that bypass traditional filters
- Customizable content filtering to identify sensitive information and minimize data leakage
- Enforce security with restricted interface access profile and password protected uninstall
- Reduce resource costs and overhead of managing multiple clients using a central management console
- Allows remote configuration, auditing, installation, and application removal from any client or server system in the network

BITDEFENDER TECHNOLOGIES

AVC BitDefender Active Virus Control is an innovative proactive detection technology which uses advanced heuristic methods to detect new potential threats in real time. It monitors each program running on your PC, as it executes, and notes malware-like actions. If enough such actions are detected, the program which performed them is declared harmful.

b-have All BitDefender solutions include B-HAVE, a patent-pending technology which analyzes the behavior of potentially malicious codes inside a virtual computer, eliminating false positives and significantly increasing detection rates for new and unknown malware.

NeuNet To better deal with new spam, the BitDefender Lab has created NeuNet, a powerful antispam filter. Inside the Antispam Lab, NeuNet is pretrained on a series of spam messages so that it learns to recognize new spam by perceiving its similarities with the messages it has already examined.

SYSTEM REQUIREMENTS

The BitDefender Client Security solution is delivered with server-side centralized management and client-side endpoint protection components. The client-side includes two components: BitDefender Business Client to protect and control Windows endpoints, and BitDefender Agent to enable centralized management. The client-side components are deployed by using the BitDefender's Centralized Management platform.

BitDefender Business Client and Management Agent

Intel Pentium compatible processor:

- 500 MHz for Windows 2000
- 800 MHz for Windows XP
- 1 GHz for Windows Vista, Windows 7

RAM memory:

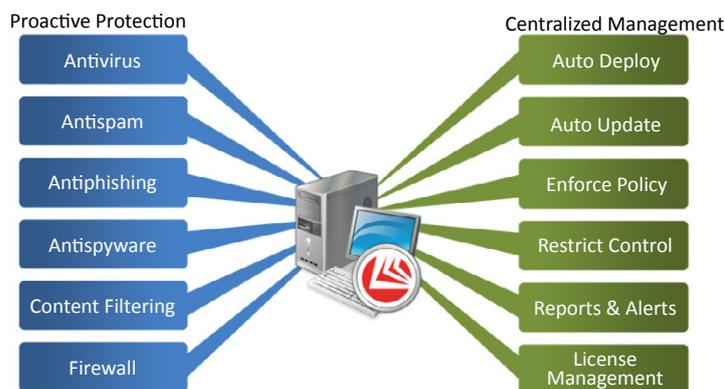
- 512 MB for Windows 2000, Windows XP
- 1 GB for Windows Vista, Windows 7

Minimum hard disk space:

- 1 GB (100 MB for Management Agent)

Operating system:

- **Business Client and Management Agent** for Windows 7, Windows Vista SP1, Windows XP (SP2), Windows Home Server, Windows 2000 Professional (SP4 Rollup 1 v2)
- **Management Agent** also for Windows 2008 / 2008 SBS / 2008 R2, Windows Server 2003 (SP2), Windows 2000 Server (SP4 Rollup 1 v2), Mac OS X 10.4.6 or newer, Linux 2.4.x or 2.6.x with glibc 2.3.1 or newer and libstdc++5 from gcc 3.2.2 or newer



BitDefender Client Security offers multiple levels of protection and client management functionality

ADVANCED, PROACTIVE DETECTION

BitDefender's award-winning scan engines have been recognized by leading certification bodies, - including ICSA Labs, Virus Bulletin, and West Coast Labs - for their unmatched proactive antimalware protection.

BitDefender Client Security provides multiple levels of advanced protection: Antivirus, Antispam, Antispyware, Antiphishing, Content Filtering, Trojan / Rootkit detection and a fully featured personal Firewall. All features are remotely configurable, including advanced security policies to control user's access to removable devices, local applications or time limits for internet usage.

GRANULAR SCAN CONFIGURATION AND MANAGEMENT

BitDefender Client Security provides multiple scanning methodologies to detect malicious code to safeguard the integrity of the laptops and workstations deploying within your network. Different scanning options help maintain system integrity while minimizing the impact to the user experience.



On Access real-time scanning engine to detect viruses in real-time when a user adds or retrieves a document to a document library or list.

On-Demand scanning features allow for scheduled system scans to be performed outside of peak work hours without impacting the overall performance or availability of the system.

Scheduled Scanning Configuration provides configurable event scheduling for on-demand scans and update tasks, minimizing any potential server impact or system disruption during core operating hours.

Infected or Suspected File Quarantine isolated suspected files in quarantine zones. The files can either be cleaned or kept in a quarantine zone for analysis, restored to its original location once validated, or sent directly to BitDefender's Antivirus Lab for assessment.

INTEGRATION WITH THE BITDEFENDER CENTRALIZED MANAGEMENT PLATFORM

Large numbers of workstations can be quickly and easily managed via BitDefender's Centralized Management platform, giving IT administrators organization-wide visibility into malware threats and the ability to proactively protect their network resources. The BitDefender Management Server provides a centralized point for remote installation, configuration and reporting of all BitDefender Clients, Server and Gateway products deployed within the enterprise and notifies administrators of scan performance, infections and update tasks through its comprehensive alert module.

