



Intego Remote Management Console

Managing Intego Software on a Network

Intego's Macintosh security solutions offer full protection from all types of security threats that affect Macs. They protect against viruses and malware, hackers, vandals and data thieves, spam and phishing, offer content filtering and bandwidth optimization, and ensure data protection. Companies or institutions with large numbers of Macintosh computers using Intego software will benefit from centralized management of these programs, which will allow administrators to establish and deploy their security policy quickly and easily. This white paper will examine the use of Intego Remote Management Console, a centralized tool for managing Intego software, on networks of any size.

Protecting Macs on a Network

Macintosh computers are increasingly popular in enterprise environments because of their ease-of-use, their reliability, and the creative software they offer. Especially popular in the publishing and design industries, Macs are making inroads into other sectors. Mac laptops—the MacBook and MacBook Pro—offer compelling feature sets that make them among the more popular choices for portable computers.

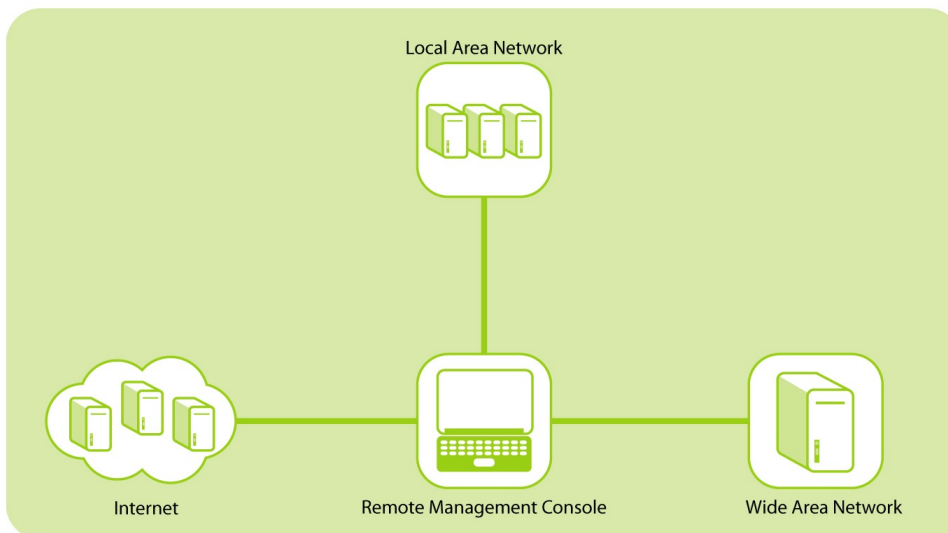
Macs have always had a strong presence in the education market, partly because of their ease-of-use, but also because they require much less support than Windows PCs. Apple's all-in-one iMacs are especially practical for schools and universities that want powerful personal computers with the smallest possible footprints.

But Macs, like all networked computers, are at risk from viruses, malware, hackers and vandals, and require reliable protection. While Macs have been historically less vulnerable to viruses, and Windows computers claim the majority of malware, the threat to Macs is growing. As Apple's market share increases, hackers will augment the amount of malware they disseminate that targets Macs.

Recent events have shown that hackers are working hard to develop Mac viruses and malware, with consequences that can range from simply infecting and damaging applications (the Leap.A malware¹) to deleting all the files in a user's home folder (the AS.MW2004.Trojan²). In addition, a number of exploits that have recently been made public affect Apple's Safari web browser, its QuickTime media software, and its Bluetooth software. Some of these

exploits can lead to file damage, and others may provide access to remote users who can then copy or alter files on infected computers, or take control of them completely.

IT administrators need to consider the most effective and efficient ways to protect the Macs in their companies or institutions, manage their security software and ensure that this protection does not require large investments of time or resources.



Remote Management Console allows administrators to manage Intego software on any network: on a LAN within a single building; over a WAN or CAN in multiple sites; or over the Internet, for Macs anywhere in the world.

Managing Macs in the Enterprise

Intego's powerful software protects Macs on a network, and administrators responsible for large numbers of Macs also need tools to easily manage these computers, apply security policies, and change and apply settings for users and groups. Remote Management Console offers these features for Intego software on any number of Macs, from one to one hundred, from twenty to twenty thousand.

Using Intego software in enterprise environments is easy and efficient. First, network administrators can easily install any Intego programs on multiple Macs using Apple Remote Desktop³. This allows a centralized administrator to quickly protect all the Macs they are responsible for. Intego can provide pre-serialized versions of its software for licenses of 100 seats or more, streamlining the installation process even more.

Next, Remote Management Console allows network administrators to manage Intego security software on multiple Macs, whether on a local network or over the Internet.

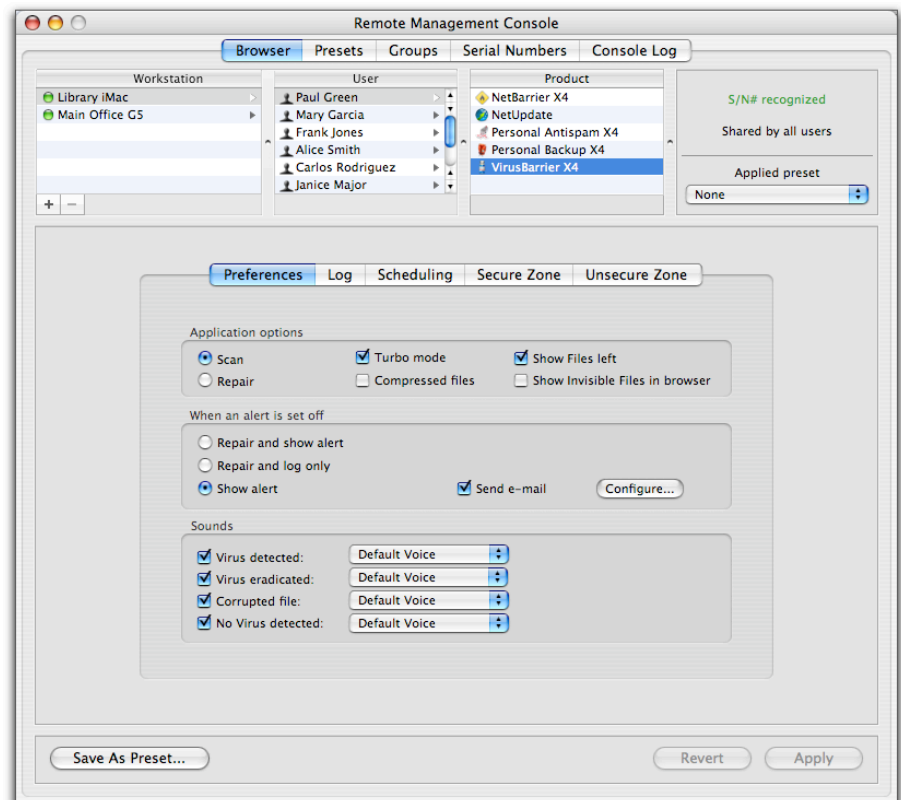
Using Remote Management Console to Manage Intego Software

Remote Management Console is designed for administrators who manage Intego security software on multiple Macintosh computers. Remote Management Console allows administrators to create and load settings files, configure individual settings and functions, and make changes to Intego programs on all managed computers quickly and easily. Settings can be managed for individual users or for groups, and administrators can apply the same settings to all users or apply preset configurations to specific users and groups.

Remote Management Console uses two programs to provide this functionality:

- The Remote Management Console client module, installed on all client computers that administrators wish to manage, runs in the background, and provides the interface between the remote administration program and local Intego software.
- Administrators use the Remote Management Console administration program to manage workstations, users and groups, serial numbers and presets, and to apply settings to the different Intego Internet security programs installed on the Macintosh computers they manage.

The administrator can connect to client computers on a local network via Bonjour⁴ (Apple's Zeroconf implementation), or over CANs, WANs or the Internet directly or through a VPN. Remote Management Console automatically detects all computers available via Bonjour; the administrator must manually add IP addresses for computers outside the local subnet.



Remote Management Console provides an easy-to-use interface, which reproduces the individual interfaces of the different Intego programs it manages.

Remote Management Console manages the following programs:

- VirusBarrier
- NetBarrier
- ContentBarrier
- ChatBarrier
- Personal Backup
- Personal Antispam
- NetUpdate

Administrators can access remote Macs, record information about the Intego software they are running, and view and change settings for these programs. They can change settings on a user-by-user basis for programs that allow this (ContentBarrier), and change settings for all users on each Mac for other programs. Administrators can use the same settings for multiple users, and create groups even across computers to easily deploy their institution's or company's security policy.

Remote Management Console Protocols and Ports		
<i>Function</i>	<i>Protocol</i>	<i>Port</i>
Bonjour detection	Multicast DNS	5353 (UDP)
RMC Client Connection	Distributed Objects	8500 (TCP)
NetUpdate (to Intego servers)	TCP/IP	80; 8079 (TCP)
NetUpdate (to a local server)	AFP	548 (TCP)

copy of the update packages and have client computers access them on a local server.

Remote Management Console lets administrators choose which source each client computer will use for installing updates. NetUpdate settings, like those for other Intego programs, can be saved as presets and applied to specific users and/or groups.

The Intego Answer

Remote Management Console is the ideal choice for businesses, schools and institutions of all sizes that need to manage Intego software on multiple Macs. Flexible, efficient, and easy to use, Remote Management Console lets administrators of any number of Macs manage Intego software from a single workstation.

For more information about Remote Management Console, and other Intego Mac security software, visit the Intego web site, www.intego.com.

See also Intego's white papers about other enterprise software solutions: VirusBarrier X4, the endpoint antivirus solution, and VirusBarrier Server and VirusBarrier Mail Gateway, server-side antivirus solutions.

Benefits of Remote Management Console

- A clear, easy to use interface: Remote Management Console displays interfaces similar to those of the Intego products being managed
- System and hardware information for client computers is displayed
- Administrators can view, change and update settings for Intego programs on client computers
- Presets allow the same settings to be used on multiple Macs
- Groups allow simple application of security policy across computers
- Records full logs of all activity
- Total protection on client computers: Remote Management Console can only be used if the client computer authorizes remote management; a secure, encrypted connection is made with client computers

Updating Intego Software

With NetUpdate, provided with all Intego software, administrators can choose whether to have client computers download and install updates directly, or whether they want to download a single



¹ www.intego.com/news/pr77.asp
² www.intego.com/news/pr43.asp
³ www.apple.com/remotedesktop/
⁴ www.apple.com/macosx/features/bonjour/