# R A P T O R
# Product *brief* EagleMobile-NT 4.0

## The Industry's Premier Mobile Communications Security Solution

More and more, whether at home, on the road, or in your office, you depend on the Internet for communicating mission-critical information. The risk you assume is that your vital business data is now sitting on a public network, where it becomes fair game for anyone with a PC and a modem. Because the Internet has become the fastest way to get information to its destination, you either avoid mobile computing or you close your eyes and send your data over this unsecured network. Now, with Raptor Systems' EagleMobile-NT 4.0 installed on your desktop or laptop, you can take advantage of the convenience and speed of the Internet, secure in the knowledge that your data is safe from prying eyes.

## Ensuring the Highest Level of Information Protection and Integrity

By combining EagleMobile-NT with your Eagle firewall, you can easily create a secure, encrypted, data path through the Internet. Because of Raptor's advanced technology, you have access to the strongest encryption methods available to encode your data. So even if someone manages to gain access to your information, Raptor's powerful encryption engine renders the data unreadable.

To explain further, the path created between the Eagle firewall and the EagleMobile-NT is called a Virtual Private Networking (VPN) tunnel. The EagleMobile-NT user must enable this tunnel before any messages can be sent. As part of this process, the Eagle firewall authenticates the EagleMobile-NT user, and negotiates encryption and authentication codes for the enabled VPN tunnel. Through this carefully designed system of checks and balances, the Eagle firewall and the EagleMobile-NT system can safely communicate with each other. As complicated as this sounds, the EagleMobile-NT graphical user interface makes the entire operation easy to perform. You merely press a button to initiate the entire process. It's simply security at its best.

### · · · BENEFITS · · ·

- **Extend the scope of network security** - As an integral part of Raptor Systems' award-winning suite of firewall products, EagleMobile-NT provides you with a secure environment even when you are away from the office.

- **Increase security** - The elimination of modem pools ensures that your site is not open to dialing attacks that attempt to break into networks through modems.

- **Maximize mobility** - Having the ability to configure a secure data path from any location increases productivity on the road and maximizes mobile computing capabilities.

- **Provide transparency to applications and users** - The encryption and security mechanisms work at the network layer, well below the applications. Any IP-based application (Email, Database, File Transfer, Web accesses) can be used without modification or reconfiguration.

- **Eliminate long distance charges** - The Internet is typically a local call for most people. With privacy protection over the Internet, long distance calls to a centralized modem pool are not required.

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## Easy Set-up and Management Provide Uncompromising Security

The secret behind EagleMobile-NT's ease-of-use, high-level, performance history is its ability to take a hard job and make it look simple. Because the majority of EagleMobile-NT's work occurs behind the scenes, all you need to remember is your password and you're ready to go. The toughest security measures are already built into the EagleMobile-NT software. But if your PC falls into the hands of an unauthorized user, the VPN tunnel between your PC and the firewall remains secure. Your EagleMobile-NT tunnel information is encrypted under a password known only to you. This password is not stored anywhere on the PC, so your code cannot be cracked. No one but you can send or receive information to or from your corporate network. This built-in solid security combined with EagleMobile-NT's high-end, low-effort technology gives you the unsurpassed performance that is the hallmark of Raptor Systems' proven product line.
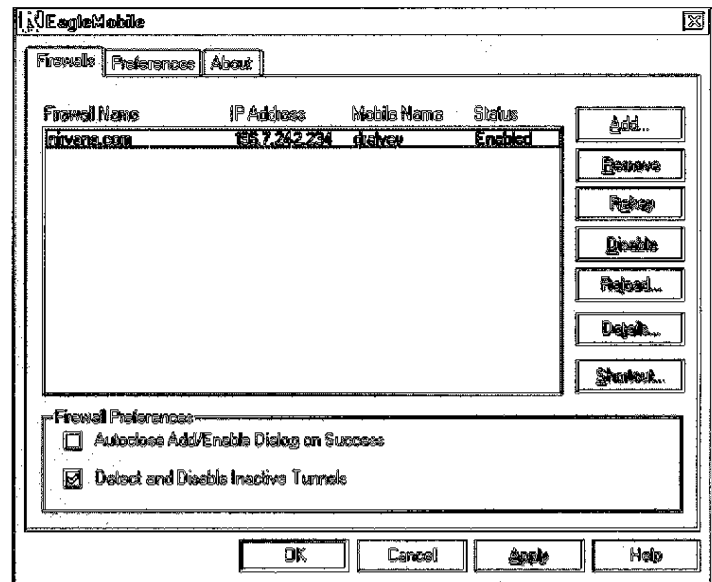
*EagleMobile-NT 4.0 VPN Tunnel Configuration Window*

## · · · FEATURES · · ·

* Microsoft Windows NT 4.0 support, with multi-threaded implementations of Windows NT services

* IPSec and swIPe virtual private networking capabilities, with choice of DES, triple DES, and RC2 (exportable) encryption

* Packet filtering restricting tunnel traffic is available on a per-tunnel basis on the Eagle firewall

* Static or dynamic IP addressing configurations

* An integrated S/Key Support system that automatically creates single use passwords for strong authentication

* User ID and password caching for single sign on access

* Automatic updating of IP routing tables when VPN tunnels are enabled or disabled

* New troubleshooting diagnostic tools for VPN monitoring

* Automatic disabling of inactive tunnels, limiting their life span on the system

* A simple, quick and easy installation process

## Centralized Configuration and Administration Maximize Performance

With the centralized control of VPN tunnels, there is an added measure of security for preventing unauthorized users from initiating their own tunnels and attempting to breach the corporate network. This control lies with the Eagle firewall administrator. Only this firewall administrator has the ability to authorize users and to set up new tunnels connecting EagleMobile-NT to the Eagle firewall. When control of secured network access tunnels is concentrated and focused to one central administrator who determines the type of traffic that can pass through the tunnel, unauthorized users are identified and blocked. This feature is pivotal in maintaining the security of incoming and outgoing communications within a highly active corporate network.

## Supported Platforms

EagleMobile provides secure remote access on a comprehensive list of platforms. In addition to Windows NT, EagleMobile is available on Windows 95 and Windows for Workgroups 3.11.

## The Eagle Family of Enterprise Security Solutions

Security needs exist at key points within your enterprise: at your network's perimeter, at remote sites, and at LAN segments. The Eagle family of enterprise security solutions addresses all of these needs with the convenience of central management from the Hawk Graphical User Interface (GUI).

### *EagleRemote*

EagleRemote, which offers all of the features of the Eagle firewall, provides remote locations with secure Internet access. Because EagleRemote is managed from the corporate Hawk GUI, there is no need for local administration. This makes EagleRemote an ideal choice for those corporations that require centralized management of their Internet/Intranet security policy.

### *EagleLAN/EagleDesk*

Because of easy access and violations of trust, over 70% of break-ins occur from inside the corporate Intranet. EagleLAN and EagleDesk provide workgroup security by protecting resources residing on your internal subnet LANs. EagleLAN and EagleDesk can be deployed throughout your Intranet to completely secure your networks and computer systems. Also, the same Eagle firewall that protects you from Internet attacks also manages the EagleLAN firewalls. This greatly simplifies the administration of complex firewall systems.

## Product Specifications

*Software Requirements*

Microsoft Windows NT Workstation or Windows NT Server version 4.0, with Service Pack 2. PCMCIA based LAN adapters require NT Service Pack 3 from Microsoft.

*Hardware Requirements*

Pentium uni-processor with a minimum of 16MB, floppy drive, mouse, minimum 640 X 480 color VGA video display. Microsoft provides a hardware compatibility list naming all systems that are approved for Windows NT. Raptor recommends using at least twice the amount of physical memory as the minimal value for swap space size.

*Network Interfaces*

EagleMobile-NT can be connected to 10Mbps or 100Mbps Ethernets and 4/16 Mbps Token Ring LAN networks. It also supports Microsoft PPP over dial-up links. This product supports the PCI, ISA, and PCMCIA based interfaces.

# For More Information

For more information on Raptor Systems, contact your Raptor Reseller.
Canadian and US Government Purchasers should refer to the product section of
Raptor's website (www.raptor.com) for additional information.

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