# RAVLIN® NodeManager

Easy set-up and
tear-down of
Secure Intranets,
Secure Extranets,
and Secure
Remote Access
Clients.

## PRODUCT OVERVIEW

RavlinNodeManager is a Windows NT® 4.0 and Windows® 95-based management and control tool that provides easy conguration, management, and integration of Ravlin products into an organization's network and security infrastructure.
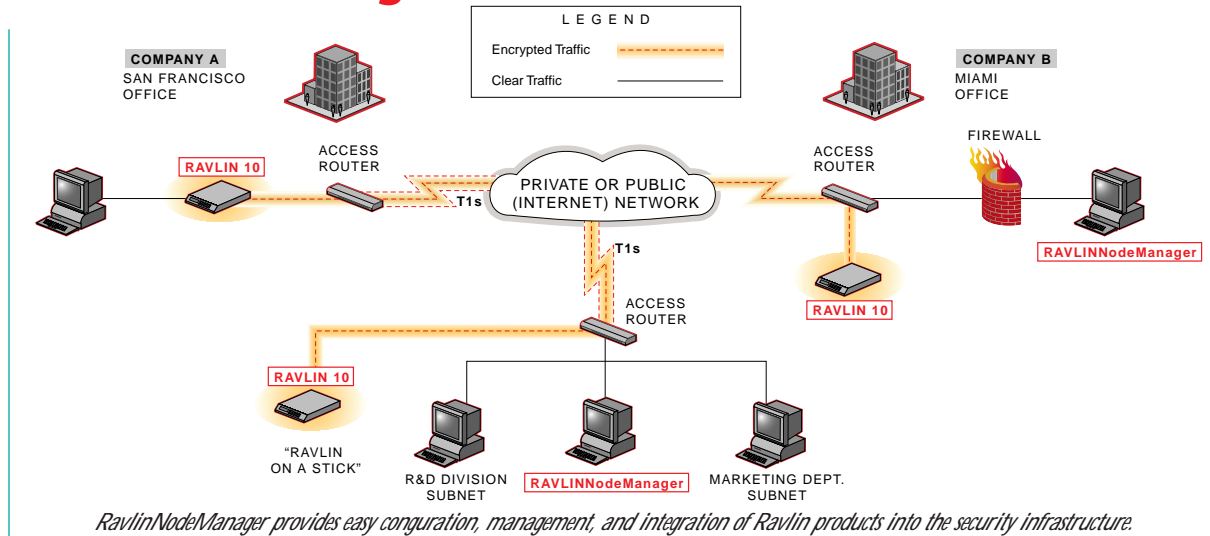
RavlinNodeManager lets network administrators manage Ravlin products from a single centralized location. Administrators can add remote units and dial-in users to a secure virtual private network (VPN) and customize the conguration parameters between specic subnets secured by the VPN. In addition, RavlinNodeManager tracks the trafc between units and manages existing congurations.

An intuitive graphical user interface allows easy set-up and tear-down of Ravlin units, simplifying installation and control of Ravlin units from anywhere in the network. This allows quick creation and removal of secure extranets, intranets, and remote users, plus easy upgrades and troubleshooting of existing congurations.

As a management tool, RavlinNodeManager is complementary to standard SNMP managers like HP OpenView® for monitoring, displaying statistics, and sending alarms.

## KEY FEATURES:

RavlinNodeManager lets the network administrator establish various levels of security between Ravlin hardware units and RavlinSoft users.

- **RavlinNodeManager for Enforcement of Enterprise-Wide Security Policy** Conguration and management based on a Secure Association (SAs) design with new graphical tools and wizards for easy set-up and tear-down of secure intranets and extranets.

- **Secure Association-Based Design** RavlinNodeManager allows granular control of the SAs between Ravlin units, including performance measurement, trafc monitoring, and control of security policy. Using the RavlinNodeManager graphical user interface, administrators can easily congure, view, modify, and apply enterprise-wide network security policy. The simple graphics and icons displayed by this interface let administrators view network security policy enforcement at a glance.

- **Secure Association Wizard for Easy Setup** RavlinNodeManager has a new Secure Association Wizard that prompts for all information necessary to set up and establish a Secure Association between Ravlin units.

- **Ravlin "Routing Awareness" for Ease of Integration and Interoperability** RavlinNodeManager allows for a much more exible deployment of Ravlin units and ease of integration into complex networking environments. Ravlin units can be placed in parallel with the router or rewall, Ravlin "farms," or an IPSec VPN server, "Ravlin on a Stick" can also be deployed.

- **Management of the Rekey Frequency** RavlinNodeManager's implementation of ISAKMP/Oakley lets network managers dynamically change the encryption key to as little as 2 minute intervals. Consequently, hackers trying brute force attacks must restart attacks each time the key is changed.

**Powerful Event Monitoring**

- The entire Ravlin product line supports powerful new event messaging capabilities. Any or all security devices can be monitored from a single point. (Devices such as the Ravlin 10 send event messages, called Syslog, Message viewer.)

- Syslog messages provide both 32-bit hexadecimal codes (readable on the front panel of the Ravlin 10) and verbose English descriptions, which eases troubleshooting.

## REDCREEK®

SECURING THE NET

# RAVLIN® NodeManager



*RavlinNodeManager provides easy conguration, management, and integration of Ravlin products into the security infrastructure.*

## RAVLINNODEMANAGER TECHNICAL SPECIFICATIONS

| | |
|---|---|
| System Requirements | • Pentium-based PC |
| | • 8 MB RAM (Minimum) |
| | • 4 MB free disk space (Minimum) |
| | • Ethernet network interface |
| | • Windows NT 4.0 or Windows 95 operating system |
| Protocol Support | • SNMP V1 |
| | • SNMP MIB with security extensions |

## CENTRALIZED CONTROL

Network administrators can install RavlinNodeManager anywhere on the enterprise network. From that central location, they can carry out security policies such as granting and revoking permissions, monitoring, and conguration. Extensive SNMP alarm-reporting and statistics-gathering features let administrators respond to security alarms and plan for efcient growth and evolution of their networks.

## INTEROPERABLE WITH SNMP MANAGEMENT TOOLS

RavlinNodeManager provides standard public SNMP MIBs and RedCreek private MIB extensions. This allows access from any MIB browser, including HP OpenView® and others to monitor Ravlin devices and clients via their embedded SNMP.

## EASY INTEGRATION WITH FIREWALLS

Ravlin hardware and software products are an integral and interoperable part of an organization's security infrastructure.

## EXPLICIT PROTECTION LIST

RavlinNodeManager lets network administrators control which subnets and hosts each Ravlin hardware unit protects. This feature lets administrators control Ravlin trafc down to the individual host, and enables peer-to-peer communications with encryption between the gateways or subnets.

## CUSTOMER SUPPORT

RedCreek Communications, Inc. believes that customer advocacy and support are critical to our success. Because of this belief, we offer innovative support programs to assist with installation and conguration of Ravlin products. Traditional technical assistance and support are provided by RedCreek's Customer Support Center. Please reference our Customer Support Link http://www.redcreek.com

## REDCREEK®

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