



INTERNET  
SECURITY  
SYSTEMS™

***Security Convergence Solutions***

Strategic Business Requirements  
and the RealSecure® Protection System

*August 2002*

## Introduction

Online security technology has become an essential part of normal business operations. As a result, organizations of all sizes and markets are demanding that security technology reach new levels of effectiveness and value. Information security – the means by which organizations protect valuable digital assets such as accounting records, customer information, and proprietary trade secrets – has struggled to meet this need.

Internet Security Systems' **RealSecure® Protection System** is the first information security solution to directly address this market imperative. This technological evolution delivers three key improvements to the current state of the art:

**Protection** – Information security that efficiently, transparently, and automatically limits the potential for attack or misuse without requiring security specialists to administer trivial daily operations

**Pervasiveness** – Information security that is comprehensive, flexible and adaptive, encompassing networks, servers, and desktops

**Value** – Information security that maps to the way organizations operate, rather than forces organizations to change their operations in order to accommodate limitations with current security technologies

This new information security architecture, detailed below, brings a wide variety of isolated security technologies into a single, integrated framework. The result has significantly improved protection for critical online business resources, assets, and processes, at lower costs, from smaller organizations to multinational enterprise operations.

## Convergence – The Next Step to Secure Business

In today's market, online protection means matching business operations to the capabilities of security management technology. In other words, security drives the process whereby information assets are protected. This relationship is upside down. The goal, after all, is to value, prioritize, and protect an organization's online presence, wherever or whatever that presence might be. Managing the technology that makes protection happen should be its complement, as inexpensive and unobtrusive as possible. But such an ideal is rarely the case.

The result is predictable. Organizations invest heavily in information security, either in-house or outsourced, then run into deployment, management, and performance issues that undercut even the best-intentioned security efforts.

As the world becomes increasingly connected, risk rises accordingly. In response, businesses need a means to manage risk without disrupting normal operations or having to invest more money in a security solution than is necessary. By bringing a wide range of security technologies – protocol analysis, pattern matching, active blocking, malicious code control (active content and/or antivirus), PKI, VPN, vulnerability assessment, policy distribution and enforcement, IDS, application protection, and security decision support – into a common framework, then packaging that framework to address specific business

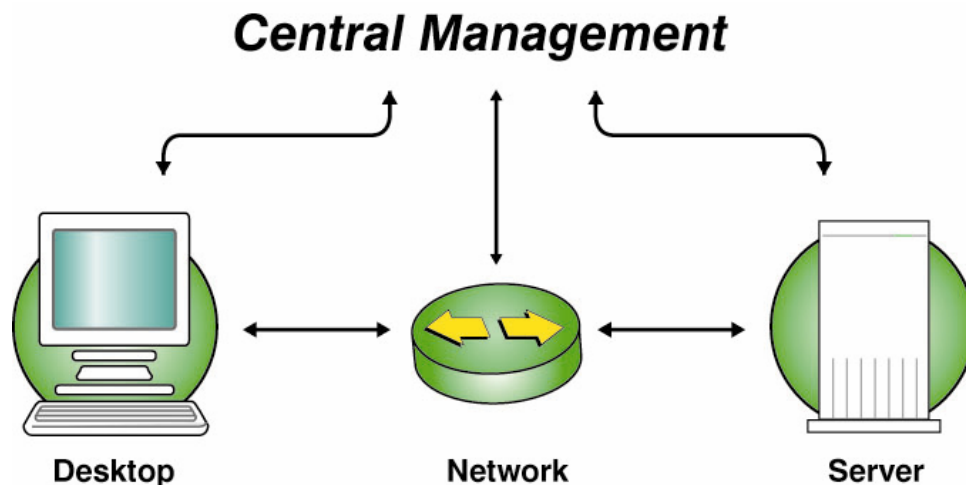
needs and operational IT functions, Internet Security Systems has redefined what information security means, and how it can be aligned as a measurable business benefit to customers.

Internet Security Systems' RealSecure Protection System for networks, servers, and desktops reduces today's complex mixture of security applications to specific information protection tasks that can be mixed and matched for a wide range of security needs. This powerful family of agents with centralized configuration, management, and reporting services can be flexibly deployed in any number, placement, or combination to provide comprehensive coverage – including remote desktops and wireless installations.

The benefits of this arrangement are immediate and obvious. Greater flexibility means more cost effective deployment. The **RealSecure® SiteProtector™** centralized configuration and management console means greater integration of security operations, including incident management, policy distribution, and reporting. RealSecure's design reduces the time needed to deploy an information protection solution and the training needed to manage it. Security processes recede into the background with automated policy distribution and audit capabilities carrying the bulk of day-to-day security operations. End result – significantly less time and expense spent on security management and more resources available for other IT tasks. All accomplished while creating a far more effective protection environment.

### **Superior Information Protection – Available Today**

Internet Security System's innovative approach, based on years of market leadership, makes business protection easier to understand, easier to buy, and easier to deploy and manage. This vision is today's reality. The following sections detail both current and future RealSecure Protection Systems offerings.



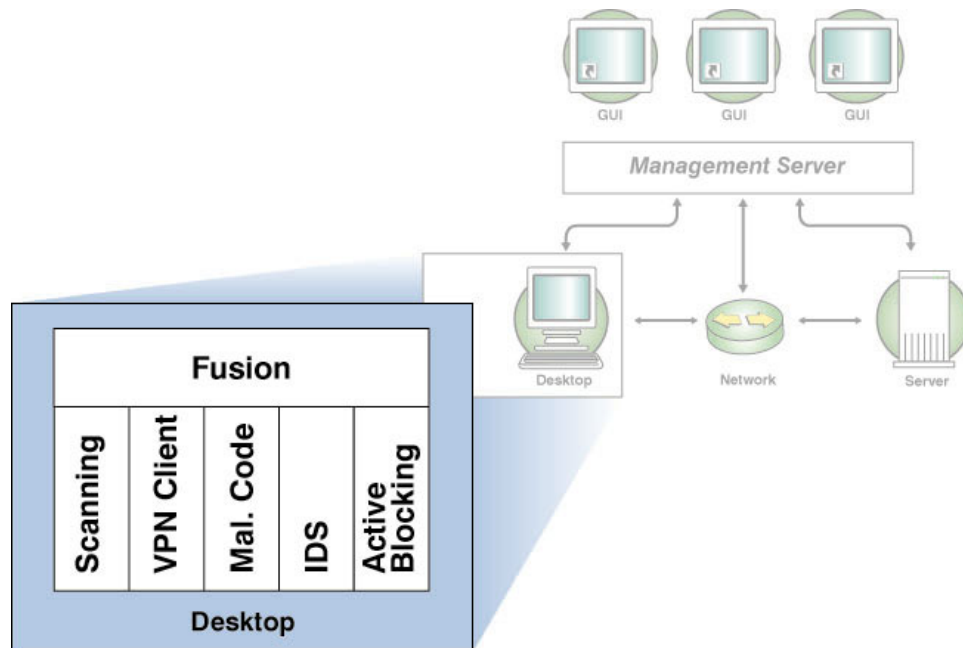
*The RealSecure Protection System provides comprehensive, centrally managed protection across desktops, servers, and networks.*

### ***RealSecure Protection System for Desktops***

A significant part of any organization's intellectual capital resides on the desktops of individual employees. And yet, the definition of "desktop" continues to evolve beyond the corporate firewall to include remote workers, mobile workers, wireless LANs, and high-speed home offices. These new points of entry to the corporate network all carry the potential for introducing new vulnerabilities and avenues of attack.

Internet Security Systems recognizes that the desktop is any organization's first opportunity to prevent misuse or theft of online corporate assets. RealSecure Protection System for Desktops, therefore, establishes security at the desktop. These tightly integrated offerings are centrally distributed, configured and managed, and scale up to thousands of individual users.

Once in place, the RealSecure Protection System for Desktops hardens individual desktops against misconfiguration and malicious code, provides localized firewall capabilities, protects Virtual Private Network (VPN) connections inside the corporate firewall, and detects and responds to attacks against the local system. These operations take place with minimal effect on end users, while maintaining constant, secure communications with a central management console for oversight by security or IT staff.



*The RealSecure Protection System for Desktops includes vulnerability assessment, VPN client services, malicious code control, intrusion detection and response, access control/active blocking, and security data correlation to harden desktops against attack and misuse.*

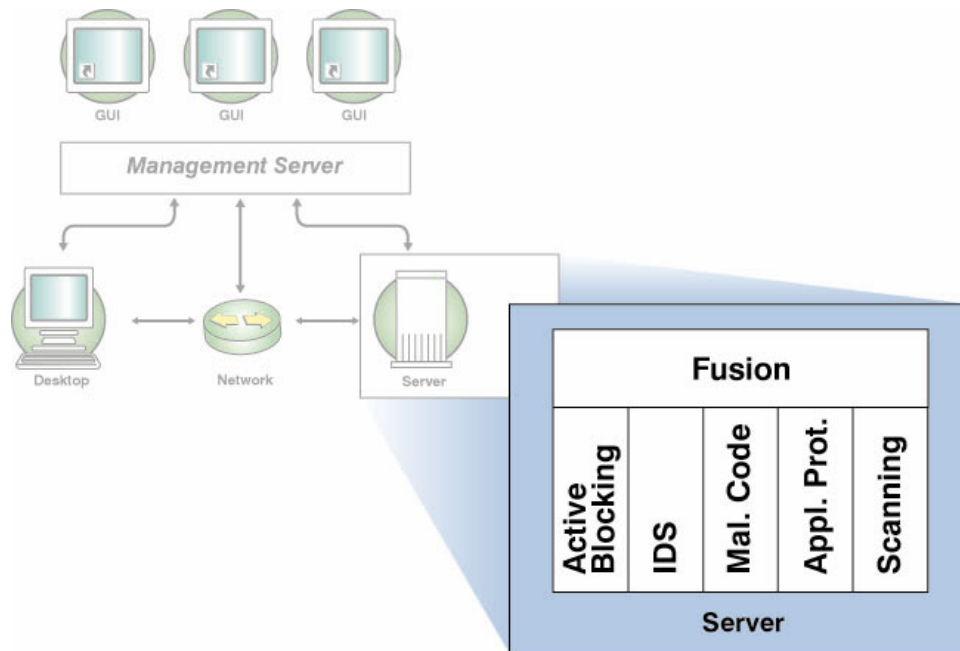
### **RealSecure Protection System for Servers**

Servers remain the lifeblood of networked organizations, powering network services, storing essential business information (e.g., customer credit card numbers or B2B online exchange transactions), and hosting key accounting and database operations.

Organizations whose servers are unavailable are subject to losses ranging from business outages and system downtime to lost employee productivity and legal liability – all recognized as lost revenue on the bottom line.

Server security must defend both the server itself and any applications running on that server. And the security solution must be both transparent and constantly available with as little impact on the server's daily operations as possible.

RealSecure Protection System for Servers meets these converging needs with sophisticated, distributed firewall capabilities, host-based intrusion detection and response, security policy distribution and compliance, malicious code elimination, and specialized defensive measures for applications running at the server level. As with the RealSecure Protection System for Desktops, all server protection operations are tightly integrated with each other and report to a central console for simplified configuration and management.

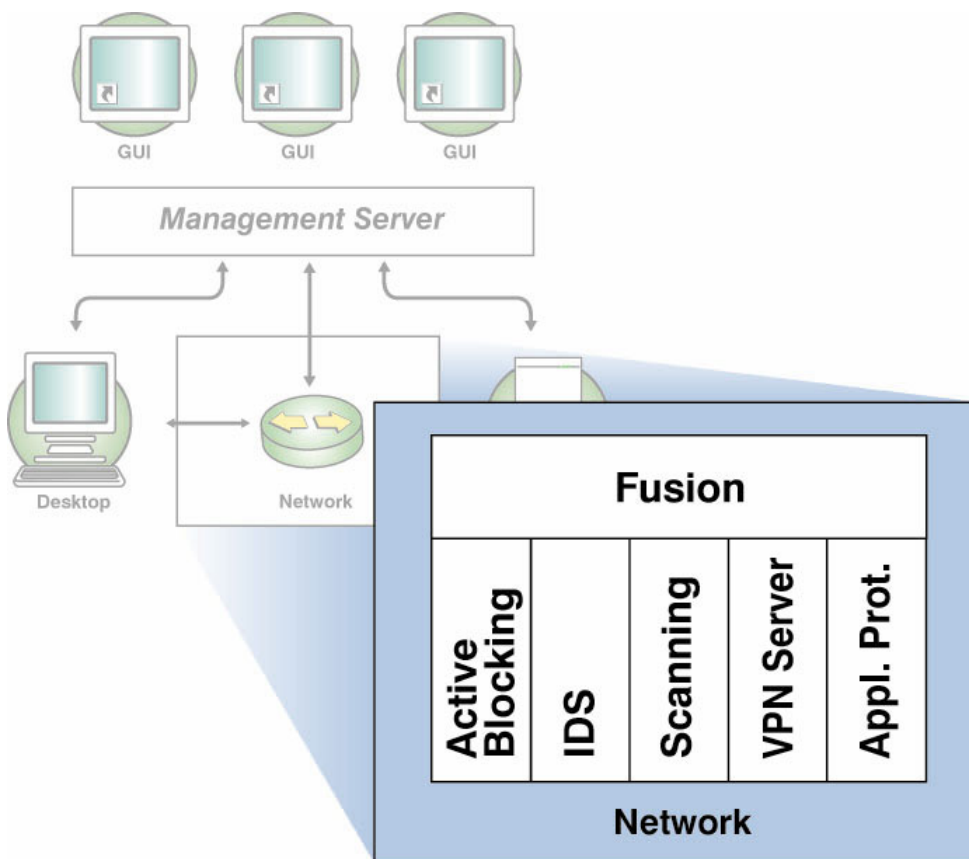


*The RealSecure Protection System for Servers augments an already comprehensive set of security services with protection for critical server-based applications.*

**RealSecure Protection System for Networks**

Corporate networks connect businesses to users, customers, vendors, and partners. They also provide the primary conduit for online theft, vandalism, and misuse of corporate resources. Corporations, therefore, need network security that is flexible, sufficiently self-contained to handle protection tasks with minimal administration and doesn't interfere with network performance.

RealSecure Protection System for Networks provides a wide range of essential security services, all tightly integrated into a centralized operational and management framework. These components include firewall protection at both the network perimeter and on internal segments, VPN server capabilities, comprehensive high-speed intrusion detection and response, vulnerability assessment and network resource identification, and malicious code elimination.



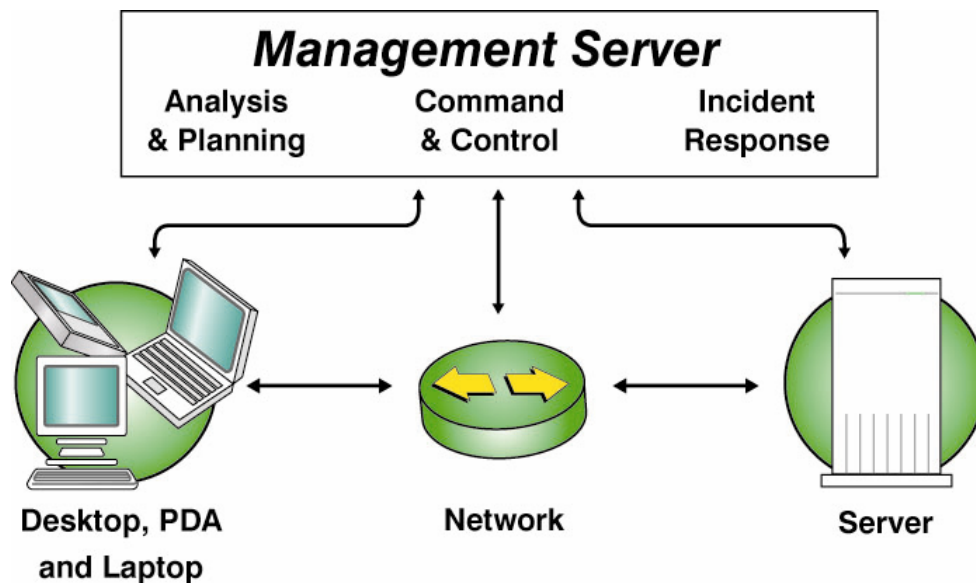
*The RealSecure Protection System for Networks provides comprehensive security services across networks ranging from standalone installations to complex enterprise operations.*

**Centralized Configuration, Reporting and Management**

RealSecure Protection Systems are significantly advanced compared to the rest of the security industry. However, Internet Security Systems' centralized management applications deliver an additional leap forward. Internet Security Systems' management platform provides centralized management for RealSecure host and network-based agents. Management products include:

- Data correlation among multiple agents to detect security events that might elude individual sensors and reduce the occurrence of false positives
- Pervasive management of multiple network, server and desktop protection systems, including all intrusion detection and response, vulnerability assessment and policy management, and data correlation sensors
- Security decision support including data consolidation across multiple networks and locations, security log management, event analysis, and enterprise-wide reporting for centralized security analysis and response.

It is this high degree of integration among previously disparate security technologies that makes RealSecure Protection Systems unique. No other security platform has this ability to adjust to the needs of individual organizations, regardless of size, market or complexity, nor can these competitive offerings provide the lower cost and higher value that Internet Security Systems is ready to deliver today.



*The RealSecure Protection System features centralized management, configuration and reporting, which significantly lowers the cost of acquiring, deploying, and operating a comprehensive information security solution.*

## Conclusion

Protection for any online business operation is a careful balance between people, processes, and products. Internet Security Systems, through its RealSecure Protection System, has combined these key elements to build the next generation of information security protection. The benefits are obvious, regardless of the size or security sophistication of any individual customer. Smaller organizations can purchase a RealSecure Protection System appropriate for their immediate needs, then scale upwards as they grow. Larger corporations receive far more efficient use of both existing and newly purchased security resources, ranging from more flexibility in deployment options to comprehensive, centralized administration, and oversight capabilities. Administrators benefit by significantly extending limited security resources while simultaneously improving their overall security posture. End users receive far more complete protection for the intellectual capital in their care, all with minimal involvement or awareness on their part. And senior management and stockholders/shareholders alike can rest assure that the company is receiving efficient and cost effective protection.

## About Internet Security Systems (ISS)

Founded in 1994, Internet Security Systems (ISS) (Nasdaq: ISSX) is a pioneer and world leader in software and services that protect corporate and personal information from an ever-changing spectrum of online threats and misuse. Internet Security Systems is headquartered in Atlanta, GA, with additional operations throughout the Americas, Asia, Australia, Europe, and the Middle East. For more information, visit the Internet Security Systems Web site at [www.iss.net](http://www.iss.net) or call 888-901-7477.

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