

# StoneGate™

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## Security Platform



Security. Availability. Manageability. Scalability.

# security

StoneGate is unique in that it is designed from the ground up, with the demands of high availability and heavy throughput environments in mind. The product stood up well when these two key attributes were tested, and also goes further in offering a wide range of features not often found as standard on firewall and VPN solutions. ”

Bob Walder  
Director  
NSS Group

## Business over the Internet. Without it, you are not competitive – plain and simple.

Your business goals are to sustain growth and profitability – it’s what your corporate stakeholders expect. Your Internet strategy is critical as you deploy business-transforming Web applications and services to increase your competitiveness.

To do so, you must deliver network uptime and security each day. But delivering on that promise places you in an increasingly reactive mode because the threats, risks, and technologies are so complex. Without infrastructure and risk management simplification, it is nearly impossible to operate in a proactive and strategic mode.

### TODAY

- Increasing security risks
- Lagging resources
- Unpredictable downtime
- Accelerating corporate governance

### TOMORROW

- Defense agility and proactive security
- Simplified security infrastructure
- Continuous network availability
- Improved audit logging, analysis, and processes

So how do you simplify your security and network communication infrastructure without extensive redesign and investment?

**StoneGate blends the in-depth network security and end-to-end availability** into a unified and centrally manageable system for distributed enterprises where security, uptime, and ease of use are the key.

**Security** In-depth security with layered architecture and correlated incident analysis reduces response times and errors.

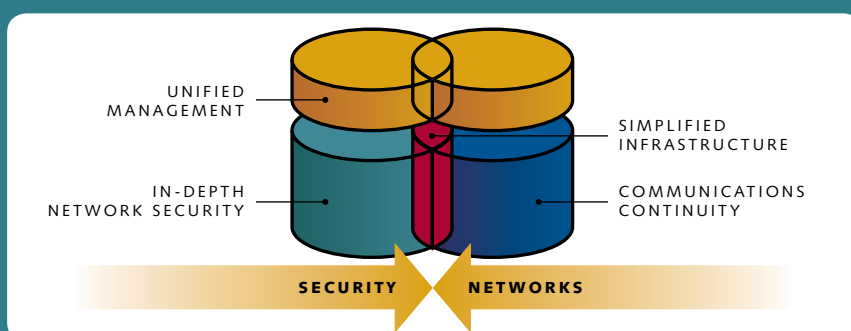
**Availability** Internet uptime and performance, gateway and Web server load balancing enhances business continuity.

**Manageability** Centralized management reduces complexity by integrating system components, incidents, performance, data, and workflows.

**Scalability** Architecture that scales from standard x86 servers and security appliances to the largest mainframe computers.



*StoneGate:  
A new approach for  
those who are serious  
about their business!*



*StoneGate bridges the functional and management gap between in-depth network security and network availability*

## MANAGE SECURITY AND RISK, NOT TECHNOLOGY



Proliferation of IP-based services such as VoIP and the rise of LANs, accelerating security threats, and

corporate governance standards require a fresh look at your network security infrastructure.

Our business is to deliver solutions that simplify complex security and network problems for more effective business use of the Internet. With StoneGate, we deliver a unified solution for security, Internet reliability, and management that simplifies your infrastructure with:

- In-depth security integration between firewall, VPN, and IPS
- End-to-end high availability
- Unified management for security, incident handling, and systems and data management

Our approach to unified central management is key because it increases your operational effectiveness through simplified workflows for system and data management, correlated incident management, and audit and log analysis.

This integrated approach benefits distributed enterprises of all sizes, but is especially useful for mid-size enterprises where the IT staff is already multi-tasking.

Stonesoft's passion is to provide easier solutions to complex problems. We pride ourselves on our customers' achievements.

Mika Rautila  
Chief Technology Officer



# manage

## UNIFIED MANAGEMENT

### StoneGate Management Center

*For Optimized Use of Human Capital*

The StoneGate Management Center provides an innovative approach for role-based administration through a single centralized management system. Forming the heart of the StoneGate platform for security and continuity, the Management Center delivers holistic and unified tools for:

- Enforcement – security management
- Control – alert and incident management
- System – systems and data management

Key features include:

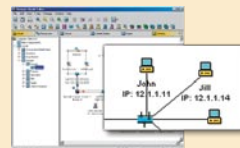
**Central repository and database** – Single backup – license management – software updates

**Simplified operations** – Remote upgrades – categorization – component re-use

**Unified data, concepts, and tools** – Powerful forensics – trend anomalies – audit trails

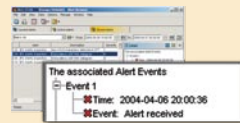
### Dynamic Network Editor

- Plan
- View
- Configure



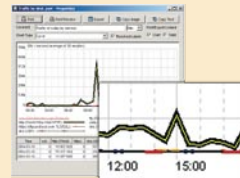
### Policy-based Incident Manager

- Define
- Alert
- Escalate



### On-Demand Report Tool

- Drag and Drop
- Customize
- Automate



### StoneGate High Availability

*For Always-on Defense and*

The StoneGate HA Firewall provides perimeter security that is both reliable and available.

- Application level security inspection
- Integral Linux kernel for streamlined management
- Common Criteria level

### Route Optimized ISP Multi-Path

*For Fast and Always-on Internet*

The patented StoneGate Multi-Path provides high availability and reliability without complex routing or additional network hardware.

- Always-on, high performance
- Bandwidth aggregation
- IP VPN and frame relay

## STONEGATE ADAPTS TO YOUR BUSINESS



### StoneGate Security Appliances

A range of different capacity security devices designed for rapid deployment and simplified operations in distributed networks, all managed under the StoneGate Management Center.

# Availability

## IN-DEPTH SECURITY

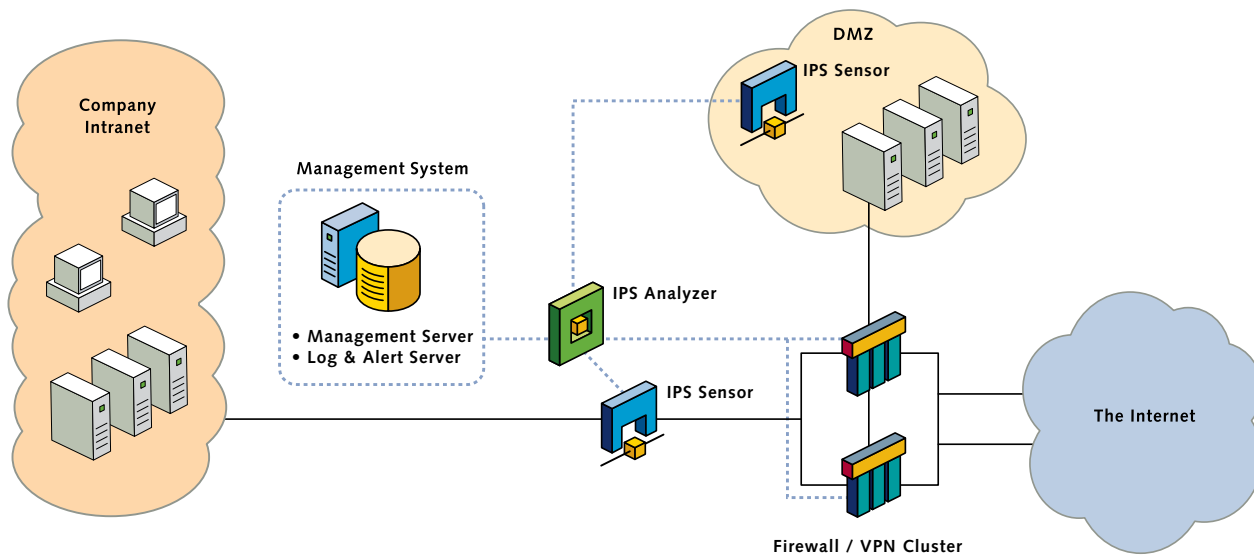
**StoneGate Firewall** **FW**  
*For Reliability and Accessibility*  
 StoneGate Firewall provides mainframe-grade security with both highly scalable and fault-tolerant Multi-Layer™ technology for simplified setup and maintenance. EAL 4+ Certification

**StoneGate Multi-Link VPN** **VPN**  
*For Fault-Tolerant and Secure Connectivity*  
 StoneGate VPN with Multi-Link technology delivers the unique capability of fault-tolerant and flexible IPsec VPN tunneling for a safe migration path to IP-based services.

- Optimized for fastest end-to-end connectivity
- VPN client includes personal firewall
- FIPS 140-02 Certification

**StoneGate IPS** **IPS**  
*For Layered Defense and Security Validation*  
 StoneGate IPS delivers detection precision with context-sensitive use of multiple detection methods, automated event correlation, and actionable information for immediate and preventive response.

- Gigabit performance and clustering
- Configurable sensor rule base for detection accuracy
- Analyzer for automated multi-source correlation



## END-TO-END AVAILABILITY

CONTINUOUS BUSINESS

**High Availability**  
 StoneGate Multi-Link™ enables Internet routing protocols or dynamic Internet circuits load balancing

**Drop-in Clustering**  
*For Reliability, Maintainability, and Capacity*  
 Eliminates complex configuration requirements for clustered security gateways enabling 'drop-in' replacement of existing firewall/VPN for a clustered gateway.

- No switch or router re-configuration
- Linear VPN throughput scalability
- Integral firewall/VPN-managed functionality

**Server Pool Load-Sharing**  
*For Web-enabled Services Performance and Availability*  
 StoneGate provides load sharing and health monitoring intelligence for server pools to ensure availability and performance of corporate services.

- Web-server load sharing through the firewall
- Server-based agents for health monitoring
- Standard firewall/VPN-managed feature

## WITH A BROAD RANGE OF SUPPORTED HARDWARE PLATFORMS AND CONFIGURATION OPTIONS



**StoneGate Software**  
 Available as software, providing maximum deployment flexibility on standard x86 servers. A single software code base that is all-inclusive from security-optimized Linux OS to high-availability functions greatly simplifies setup on version upgrades.



**StoneGate for IBM eServer Protection**  
 The only commercially available certified firewall/VPN for IBM zSeries, and available also for IBM iSeries and xSeries servers.



# Managing Networks and Distributed Security Is Complex and Challenging.

STONEGATE – THE BETTER WAY TO UNIFIED SECURITY AND INTERNET RELIABILITY

“The rich functionality of the StoneGate Firewall and VPN products provides a scalable solution that is ideal for integrated system environments.”

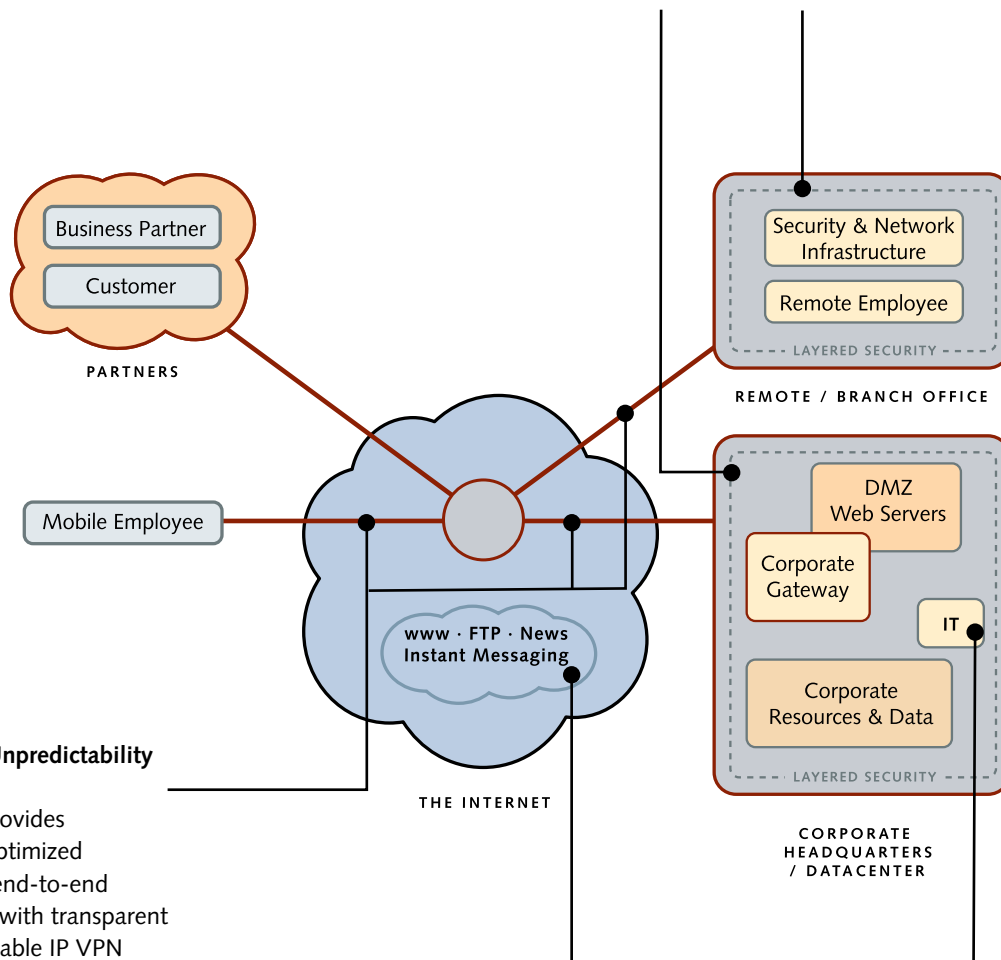
*Kevin Fratzke  
Vice President of iSeries Solutions  
MSI Systems Integrators*

**CHALLENGE: Complexity of security.**

**STONEGATE:** Provides unified in-depth security with correlated incident detection and response between firewall and IPS.

**CHALLENGE: Complexity of remote site management.**

**STONEGATE:** Provides unified management for easy and consistent remote site upgrades and maintenance.



**CHALLENGE: Unpredictability of IP VPN.**

**STONEGATE:** Provides performance-optimized tunneling and end-to-end fault-tolerance with transparent fail-over for reliable IP VPN communications.

**CHALLENGE: Availability and performance of the Internet and Web-enabled services.**

**STONEGATE:** Provides ISP multi-homing, route optimization, firewall clustering, and inbound Internet HA to ensure uptime and Web services performance.

**CHALLENGE: Difficulty of maintaining compliance and supporting the audit process.**

**STONEGATE:** Provides detailed log collection and storing with filtering for auditing of system performance, incident response metrics, and corporate compliance.

continuity

## REAL WORLD BUSINESS SECURITY

Founded in 1990, Stonesoft Corporation (HEX: SFT1V) is a global innovator focusing on simplified security, networks and business continuity convergence. Stonesoft provides practical and cost-effective solutions for complex problems.



## THE STONESOFT COMMITMENT

Stonesoft was established in direct response to our partners' and customers' need for more sophisticated solutions to complex IT problems. We strive to continue that tradition of attentiveness in our ongoing support and service efforts. With 24x7 global support options, Stonesoft offers the flexibility to choose the level of service appropriate for your organization. Through our product training services and certified support providers, we help our customers make the most of Stonesoft solutions and enable real world business security.

**For more information on our products, services, or additional office locations, please visit us on the Web at <http://www.stonesoft.com>.**

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**STONESOFT**  
www.stonesoft.com

Stonesoft Corporation (HEX: SFT1V) is an innovative provider of integrated network security and business continuity.

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