

StoneGate and Health Care Industry



To ensure that information does not fall into the wrong hands, but that the information is accessible to those who need it, while at the same time complying with regulations, health care organizations have to consider data security and data availability. StoneGate Platform for Security and Continuity addresses those concerns in a very concrete way.

In order to ensure that information does not fall into the wrong hands, and that the information is accessible to those who need it while making critical decisions as fast as possible to save someone's life, health care organizations have to consider data security and data availability. It is not really an option to have network connections down at a critical moment when

patient information is needed to make an important decision on care strategy.

Managing patients' privacy and data is necessary for clinical research. Combining this information in a way to comply with regulations like HIPAA is complex at best. Not only that but also managing the diagnostic

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data and the clinical and hospital interfaces are a burden on already diminishing IT budgets.

The mission is to collect, archive, combine, and share data across different parts of an institution or system. This needs to be done securely and efficiently to provide the best possible care for patients, and the best possible resources for researchers while complying with policies and regulations.

Typical Challenges in the Health Care Industry and Solutions to Them

Fragmented, Low-Margin Business

Health care infrastructure is very fragmented and often a low-margin business with increasing costs. The purchase price of a security solution is less than 1/10th of what it costs to administer that solution. In order for the security solution to really bring value to the users, it has to be easy to manage with the least amount of human resources involved. Only then can you truly say that the total cost of using the solution has been significantly lowered. To ease the administrative burden StoneGate has centralized management, automated and scheduled remote functions, which all lower administration costs.

Sharing Information Securely

Securing medical information in transit is of utmost importance. When medical centers, offices, hospitals, and medical consultants working remotely share and

access information their connections must be properly secured. StoneGate VPN can ensure the security for these connections, and for the information that is shared, by encrypting the data in transit. In addition to securing the lines, StoneGate can also make them more reliable, guaranteeing that data can be accessed at all times.

Difficult, Slow Access

Inefficiency due to difficult or slow access to results can cause delays in diagnosing and treating patients. StoneGate Multi-Link provides faster connections to results. Multi-Link ensures that those connections work and increase the bandwidth at which the information is transferred.

Downtime

Inefficiency due to network downtime¹⁾, has been calculated as costing the health care industry 4% of its yearly revenue. Out of that 42% was attributed to service provider problems or human errors. For a medical organization with modest revenue of €/\$1,000,000 the cost is over \$16,800 per year. StoneGate has been designed to automate as much of the security functions as possible to prevent human errors. Furthermore, downtime due to the Internet Service Provider disruptions or problems with own one's network equipment can be eliminated using StoneGate Multi-Link for link load balancing.

¹⁾ Infonetics Report: Cost of Enterprise Downtime, North American Vertical Markets 2005

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Laws and Regulations

New laws and regulations throughout the world are placing more and more demands on health care providers to secure and protect patient information, especially with the growing trend of using electronic means to share delicate information. StoneGate's extensive functionality coupled with highly efficient reporting help organizations comply with regulations.

In the United States, for example, the health care organizations are guided by privacy portion of the Health Insurance Portability and Accountability Act (HIPAA). StoneGate security solution enables an organization or institution to achieve compliance with relevant sections of the act. For more information and practical examples please see our document "Complying with Regulations: HIPAA".

Benefits of StoneGate to the Health Care Industry

- Secures transmission and handling of health care data.
- Reduces reporting burden with automated, scheduled, and detailed reports.
- Reduces security administration costs significantly with intelligent centralized management system.
- Reduces administration costs as employees, consultants, patients, and customers can do their work from anywhere, at anytime, faster, and securely.
- Reduces risk of non-compliance with regulations.
- Helps improve the quality and safety of care.
- Helps improve productivity due to increased medical staff satisfaction and utilization of IT systems.

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STONESOFT EXPERIENCE

Healthcare professionals rely on Stonesoft's StoneGate platform to provide integrated network security and business continuity through advanced firewall, VPN and IPS solutions. Stonesoft's unified platform is designed to provide the most secure, available, manageable and scalable solutions for players of all sizes in the government profession.

Stonesoft Corporation (HEX: SFT1V) is an innovative provider of integrated network security and business continuity. Stonesoft is a global company focused on enterprise level customers requiring advanced network security and always-on business connectivity with low TCO, best price-to-performance ratio, and highest ROI. StoneGate™ Security Platform unifies firewall, VPN and IPS, blending network security, end-to-end availability and award-winning load balancing into a unified and centrally managed system for distributed enterprises.

Founded in 1990, Stonesoft Corporation has corporate headquarters in Helsinki, Finland; Americas headquarters in Atlanta, Georgia; and Asia Pacific headquarters in Singapore. For more information, go to www.stonesoft.com.



THE STONEGATE PLATFORM

As the first highly available, load balancing network security solution of its kind, StoneGate sets a new standard for FW, VPN and IPS solutions. StoneGate provides a unified security platform with active-active clustering, load balancing and bandwidth aggregation for multiple Internet links and ability to transparently fail-over VPNs, all with the security and connectivity of an integrated FW/VPN.

- **Multi-Link Technology™** – Seamless fail-over between multiple ISPs and FW clusters for always-on connections
- **Increased Performance** – Analyzes and utilizes fastest possible connection through integrated intelligent load balancing between ISPs and FWs.
- **Multi-Layer Inspection™** – Combines the best aspects of application proxy firewalls with traditional packet filtering and stateful inspection technologies
- **Reduce Costs** – Eliminate network complexities and costs associated with multiple vendor solutions and travel time
- **Unified, Central Management** – Robust remote management, along with simple remote update, alert center management, reporting, diagram editor and hierarchy policy updates. Also integrates FW and VPN with StoneGate's IDS Plus solution into a unified platform.

StoneGate is available either as a software-based solution that capitalizes on existing hardware investments, or as Stonesoft's own integrated appliance eliminating complexity and costs associated with multiple-vendor solutions. All of Stonesoft's appliances include the standard enterprise level features with the only difference being the number of physical interfaces and performance level.

STONESOFT
www.stonesoft.com

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

Corporate headquarters
Stonesoft Corp.
Itälahdenkatu 22 A
FIN-00210 Helsinki
Finland
tel. +358-9-476 711
fax. +358-9-4767 1234

Americas regional headquarters
Stonesoft Inc.
1050 Crown Pointe Parkway,
Suite 900
Atlanta, GA 30338, USA
tel. (770) 668-1125
fax. (770) 668-1131

Asia Pacific regional headquarters
Stonesoft Corp.
90 Cecil Street
#13-01 Carlton Building
Singapore 069531
tel. +65 6325 1390
fax. +65 6325 1399