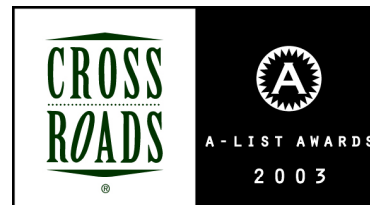


Stratum8 Networks

Santa Clara, CA

Application Protection System 100 (APS-100)

➤ Application-Level Security Appliance



CUSTOMERS AT WORK

Major commercial software vendors and IT service providers were among Stratum8 reference customers. Common strategic objectives included:

- Protecting mission-critical Web-based business applications from threats that are not detected by network-based firewalls and intrusion detection systems
- Safeguarding customer data
- Decreasing vulnerability to security flaws in the OS, particularly in the Microsoft environment

WHY STRATUM8?

The Stratum8 APS-100 appliance protects sensitive Web applications and data against both known and undocumented vulnerabilities, including unfixable vulnerabilities in legacy and third-party code. The APS-100 operates at the application layer and uses patent-pending technology that learns an application's behavior and documents it for review and approval. Once implemented, it inspects incoming and outgoing traffic, allowing acceptable behaviors while blocking unacceptable behaviors. As new functionality is added, the APS-100 dynamically learns new application behaviors and updates the security model. Once the additional behaviors are approved, the APS-100 adjusts security parameters accordingly and enforces them automatically.

COMPANY INFO

Stratum8 Networks is a private company with 30 employees.

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BUSINESS IMPACT

Near-term value: Stratum8 customers are in the early stages of rolling out APS-100 units to protect CRM and other core applications. They say it would be negligent not to act immediately to protect the most valuable (and vulnerable) applications from attacks such as SQL injection and directory transversal.

Enterprise innovation: Stratum8 users say the APS-100 is helping them increase the confidence of their customers—particularly financial services firms, pharmaceutical manufacturers, and government agencies—that data is adequately protected.

Technology gains: The Stratum8 APS-100 harnesses the rigor of a positive security model for the protected applications, reducing the frequency of vulnerability-assessment scanning. With the APS-100 in place, security administrators face less day-to-day stress from interpreting potentially false positive reports from the intrusion detection system. Moreover, it is no longer necessary to drop everything in order to apply each new security patch to the servers running the protected applications. Patches can now be tested and rolled out in an orderly way. Stratum8 customers also appreciate that physical changes to the network are not required after the initial install.

SUCCESS FACTORS

Project strategy: With good logistical planning, the elapsed time to success is very short. Customers recommend scheduling the implementation and testing of the Stratum8 APS-100 as part of the next application upgrade. Once the appliance is installed, the success of the positive security model depends on the training-and-review period, so have the appropriate development talent standing by. Their ability to review the APS-100-generated security model minimizes the danger of approving an internal hack. Even so, keep the exact schedule quiet.

Skills: The APS-100 is straightforward from an administrative point of view. Linux expertise is not required.

Resources: The APS-100 is a 1U rack-mountable device. For high availability purposes, two devices are installed for each critical application (or set of logically similar applications).

Fit: For complex applications with severe consequences associated with a security breach, customers unhesitatingly recommend the Stratum8 APS-100.

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ABOUT THE CROSSROADS A-LIST AWARDS

The Crossroads A-List identifies the best newly proven products and services transforming business today. Winners are determined after an analysis of the vendor's strategy followed by confidential, in-depth interviews with early adopters.