

Stratus IPSec for VOS Environments

Elevating security levels for mission-critical VOS applications

Cyberattacks are becoming more hostile, costly, and larger in scope than ever before. In the past, hacking was largely confined to amateur pranksters looking for notoriety. Unfortunately, modern attacks on computer networks are professionally coordinated, multifaceted, and profit-motivated. Potential security breaches of critical IT infrastructure, including utilities, military and governmental systems, raise the ante even higher — putting lives, property and public safety in jeopardy.

Your business relies on Stratus V Series systems to keep mission-critical applications functioning and communicating 24/7/365. But today, you also need an effective way to defend those communicating systems from attack, intrusion, and information theft. More often than not — especially in the financial sector — your ability to secure every communication and transaction isn't an option — it's a regulatory obligation. Companies that neglect to reasonably secure their systems face enormous fines and put their executives at risk of harsh legal penalties — that may even include incarceration.

The solution: Stratus IPSec

Stratus Internet Protocol Security (IPSec) for VOS offers a proven way to protect your business against Cyberattacks. IPSec is the global standard for securing IP communications by encrypting and or authenticating packets at the network layer. It's useful for providing:

- **Authentication:** to ensure peers are communicating with the intended trusted parties

- **Data confidentiality:** to ensure data cannot be read in transit
- **Message integrity:** to ensure traffic has not been altered in transit

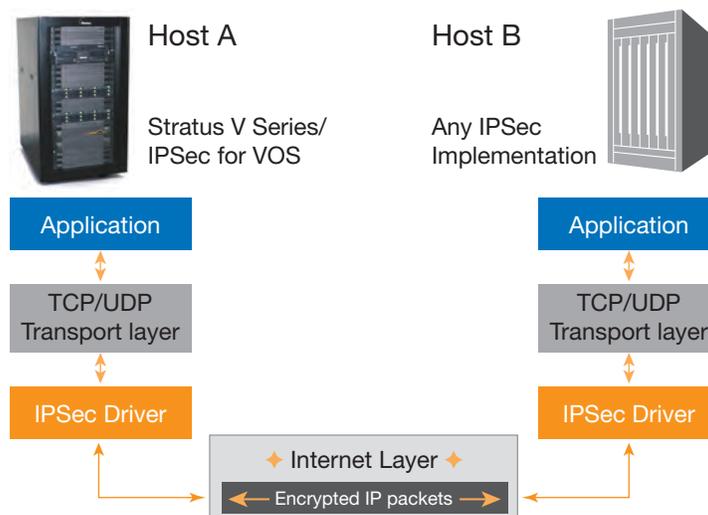
IPSec is a perfect match for financial applications to reduce the threat of packet sniffers or man-in-the-middle attacks. Because the protection occurs at the network layer, all types of Internet traffic can be protected transparently to the applications and services that use the network. IPSec for VOS includes the Internet Key Exchange (IKE) protocol that handles the automatic distribution of a secure encryption key between hosts. VOS customers can implement the solution incrementally, on part or all of the corporate intranet and extranet, as well as between remote users and branch offices.

Stratus' high-performance, ultra-secure IPSec security solution is specifically designed for easy rollout on V Series systems running VOS or OpenVOS.

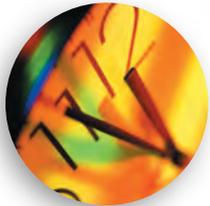
Solution Benefits:

- Secures Internet Protocol traffic
- No crypto expertise required for implementation
- Complies with regulatory standards: PCI, HIPAA etc.
- Backed by proactive, remotely enabled 24/7 worldwide support from Stratus

Stratus IPSec: A higher degree of security protection for VOS environments



Stratus IPSec for VOS secures Internet traffic running between V Series systems or from a V Series system to any other IPSec implementation.



**Total
Availability**



**Operational
Simplicity**



**Financial
Advantage**

Secure your Internet protocol traffic with standards-compliant IPSec for VOS

Reliable, transparent encryption and authentication services make IPSec for VOS ideal for securing sensitive data communications on systems that require continuous availability and utmost security.

“Stratus IPSec for VOS is the ideal solution for securing your Internet Protocol (IP) traffic. It provides the highest levels of encryption yet it does not require application source code changes.”



IPSec for VOS is built on Mocana's industry-leading security technology.

Fast Rollout

IPSec for VOS is a ready-made, pre-optimized and exhaustively tested IPSec solution that frees your in-house IT resources to focus on what's really important — maintaining uptime. IPSec is completely transparent to your applications. Stratus professional services team is available to help you with planning and implementation of your security solution.

Robust Security

IPSec's available encryption and authentication engines feature the same algorithms that protect sensitive military, financial and intelligence systems around the globe. Advanced ciphers like RSA and AES provide unparalleled mathematical protection for your most private information.

No Crypto Expertise Required

Stratus IPSec for VOS was built for IT Directors, not cryptographers. Designed from the ground up for ease-of-use, the Stratus solution hides the complexity of the cryptography and is quick and easy to install. You're free to focus on the details of your IT project while IPSec for VOS automatically handles your security requirements.

Meets Payment Card Industry (PCI) Standards

The Payment Card Industry Data Security Standard (PCI DSS) is a set of requirements designed to ensure that ALL companies that process, store or transmit credit card information maintain a secure environment. The Payment Card Industry Security Standards Council (PCI SSC) was launched to manage the ongoing

evolution of the Payment Card Industry (PCI) security standards with focus on improving payment account security throughout the transaction process.

Fully PCI-compliant, Stratus IPSec for VOS enables applications to encrypt in-flight card data, without modification. You benefit from a solution that provides the highest levels of protection for sensitive data and helps ensure that your applications are PCI-compliant.

Helps Ensure Regulatory Compliance

Many sectors of our economy are required by law to take reasonable measures to protect sensitive electronic information in transit between systems. The regulations include HIPAA and Sarbanes-Oxley. Stratus IPSec can help your company comply with federal, state and local regulations quickly, easily and cost-effectively. IPSec for VOS is the ideal solution for securing your Internet Protocol (IP) traffic. It provides the highest levels of encryption without any application source code changes. Let IPSec for VOS start securing your Internet traffic today.

About Stratus

Stratus Technologies focuses exclusively on helping its customers keep critical business operations online without interruption. Business continuity requires resiliency and superior availability throughout the IT infrastructure, including virtual environments. Stratus delivers a range of solutions that includes software-based high availability, fault-tolerant servers, availability consulting and assessment, and remote systems management services. Based on nearly three decades of expertise in product and services technology for total availability, Stratus is a trusted solutions provider to customers in manufacturing, health care, financial services, public safety, transportation & logistics, and other industries.

For more information, visit www.stratus.com.

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