Communicate with Confidence

Unified Communications and VoIP are revolutionizing how companies are doing business across every industry. From low-cost telephony… to multimedia customer interactivity… to supply-chain collaboration tools… enterprises like yours are unlocking new modes of communication that bring you new levels of profitability and competitive advantages. But adoption of these new technologies without adequate security can be disastrous.

Potentially sensitive records and UC data transmissions could be at risk without proper UC security safeguards. Compliance with HIPAA, FERPA, PCI DSS, GLBA and other mandates may be undercut if your VoIP security posture is inadequate.

The UC security experts at VIPER Lab are standing by to help.

How We Help

VIPER Lab's research, consulting, services and vulnerability findings have helped to identify risks and improve the security posture of enterprises across the spectrum.

- Healthcare, Higher Education, Financial Services, Consumer Product Goods, Communications Service Providers, Industrial/Manufacturing…

- Enterprises complying with HIPAA, FERPA, GLBA, PCIDSS and many other regulatory mandates…

- VIPER security experts have been consulted by law enforcement officials, credentialed investigators and legal professionals…

Peace of Mind

The vulnerability research and assessment arm of Sipera Systems, the VIPER Lab offers Vulnerability Assessment services to enterprises and service providers of all types and sizes. VIPER VA Services enable you to understand and mitigate the security risks associated with adopting VoIP and Unified Communications.

Ranging from security surveys to comprehensive penetration testing, VIPER Vulnerability Assessments are trusted by IT and security professionals in all types of industries to:

- ▸ Test system integrity and the security architecture of mission-critical voice, video and data systems

- ▸ Uncover and mitigate VoIP and UC security gaps and vulnerabilities that jeopardize compliance with PCIDSS, HIPAA, FERPA, FDIC Guidelines and other regulatory mandates

- ▸ Identify and eliminate threats and security risks that hamper the adoption of Unified Communications and undercut the return on investment in VoIP and UC

Many enterprises mistakenly believe that common data security measures will protect them against VoIP/UC security risks. In many unfortunate cases, these enterprises learn from hard experience that VoIP and UC present new attack vectors and deployment security issues that can permit traffic interception and eavesdropping, denial of service, data theft and many other types of exploits. The VIPER team is dedicated to helping you to proactively adopt security best practices before a breach occurs.

Exclusive Methodology

VIPER Vulnerability Assessments utilize a proprietary, exclusive methodology and toolset based on the VIPER team's unparalleled experience with the world's most advanced VoIP and UC vulnerability assessments.

All VIPER services are conducted with complete discretion. Our teams of highly experienced professionals have extensive background clearance and unmatched credentials. Nothing else provides peace of mind like knowing that your security practices have passed the VIPER test.

Services Offered

VoIP / UC Security Survey

This service provides an initial survey of your VoIP/UC infrastructure and identifies potential areas of risk and potential attack vectors. Surveys examine the risk of both internal and external attacks and help your security practitioners to accurately catalog configuration issues, infrastructure components and policies and practices that must be evaluated as part of your security posture.

VoIP / UC Comprehensive Vulnerability Assessment

This offering includes the components of the VoIP/UC Security Survey and then extends the assessment to include VoIP/UC penetration testing in your live environment. VIPER's experienced pen-testing professionals probe for gaps in your security architecture and uncover systems configurations that threaten data privacy, integrity and availability. The VA Report provides you with detailed accounting and ranking of all vulnerabilities, along with mitigation recommendations, to help improve your security posture. With a VIPER Comprehensive VA, you can be assured that your security has been tested by the best.

Forensic Investigation Support

VIPER's security professionals are highly experienced at assisting credentialed investigators, law enforcement officials, government authorities and others with understanding the VoIP and UC security aspects of their investigations. The VIPER team has also directly assisted investigations into cases of suspected information theft, eavesdropping, UC traffic sniffing, and similar breaches that may indicate malfeasance.

VIPER LAVA TOOL

VoIP and UC Vulnerability Analysis

Designed specifically for VoIP and Unified Communications security, the VIPER LAVA (Load Analysis and Vulnerability Assessment) Tool emulates thousands of malicious attacks – from floods, distributed floods and stealth to session anomalies and spam.

LAVA is a proprietary tool used by VIPER's security experts to test security architectures, evaluate VoIP and UC equipment from manufacturers, and conduct Vulnerability Assessments in production networks.

UNIFIED COMMUNICATIONS UNLEASHED

About Sipera Systems

Sipera Systems is the worldwide leader in solutions for the safe, simple and controlled deployment of IP-based business communications. Sipera's groundbreaking Unified Communications (UC) security products are the choice of enterprises and service providers around the globe for deploying secure VoIP, SIP trunks, video conferencing, cloud-based communications, instant messaging, and collaboration tools.

Independent research by industry analysts shows that Sipera's solutions can accelerate VoIP and UC project deployment by up to one third. Backed by the industry-leading security research of Sipera's VIPER Lab, Sipera's solutions provide the best protection against toll fraud, identity theft, denial of service, unauthorized intrusion, eavesdropping and other common business communications threats. Pre-integrated with all market-leading UC vendor solutions, Sipera's offerings include the world's first UC security device to be Common Criteria certified, meeting the stringent international standard for IT security.