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Lippis Report Issue 82: Securing Unified Communications Infrastructure

From the Publisher



Lippis Report Issue 82 is the first in a six-part series on intelligent communications. In this edition we explore the options available to IT leaders for securing their unified communications infrastructure. With the IP telephony, telecommunications and application industries focused on taking their share of the emerging \$35B to \$40B annual UC market it's inevitable that UC will soon be a fact of corporate life. So the question is: are you ready? Is your infrastructure secure enough to support UC? We provide a lot of guidance in this edition of the Lippis report.

To help our subscribers secure their unified communications infrastructure we include six white papers, two podcasts and a book, "Converged Network Security For Dummies". We are pleased to offer our subscribers new white papers from our sponsors ProCurve Networking by HP, Avaya and guests Extreme Networks, Juniper Networks, Ingate Systems and Meru Networks which all focus on the issue of securing UC infrastructure.

Mark your calendar. On May 14th at 12:30 pm at the Hyatt Regency in Santa Clara, CA, Nick Lippis will deliver a keynote presentation on:

Communications-Enabled Business Processes: The Convergence of Applications and Communications.

Late last summer the IP telephony industry accelerated its software focus with unified communications and communications-enabled business processes (CEBP) initiatives and offerings from all major suppliers. CEBP injects communications into business process to reduce human and system delay, thus speeding up workflow and increasing an organization's response to business events. CEBP promises to increase corporate productivity and change the global economy much like the Internet did. How will CEBP be brought to market? Will CEBP be implemented at the pace of a consulting engagement at a time or are there pre-packaged solutions that will speed its deployment and economic benefits. In his keynote address Nick Lippis, Publisher of the Lippis Report, shares his views and opinion on this emerging new era of increased corporate productivity through the convergence of applications and communications.

Click [here](#) for registration and logistic information

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Whitepapers

Access Control Solution

By ProCurve Networking by HP

This white paper addresses the concept of Network Access Control (NAC), which provides organizations with the ability to control access to networks and the information available on those networks. It also describes the access control solution provided by ProCurve Networking by HP. ProCurve Networking is dedicated to providing networking solutions that enable organizations to increase productivity, fortify security, and reduce complexity.

[Download the Whitepaper](#)

Engaged Networks for Intelligent Communications

By Avaya and Extreme Networks

Often, the first consideration for implementing a converged voice, data and video network using Internet Protocol (IP) technology is its ability to help contain operational costs and deliver significant savings through toll bypass. However, from a strategic perspective, IP telephony and its underlying converged network can act as an enabling technology,

facilitating more responsive customer relations through next-generation contact centers and making employees more productive with applications like collaborative computing. The advantages of convergence are truly open-ended and the boundaries around the ways that progressive organizations exploit IP technology continue to be pushed.

[Download the Whitepaper](#)

Converged Network Security For Dummies

By Peter H. Gregory, CISA, CISSP

This book shows you how to protect the communications and business application assets that you rely on to run your business. Find out how Avaya Strategic Alliance partners Juniper Networks and Extreme Networks provide multi-layered, industry-leading security infrastructures - and how Avaya Security Services can help you assess, deploy, and ultimately protect your networks. As an IT manager or decision-maker, you'll appreciate the way that these converged network security solutions protect your corporate assets and infrastructure not only from external threats but also from threats within the ever-more-mobile business environment.

[Learn more here](#)

Extreme Improvements for Network Security

By Extreme Networks

Extreme Networks® products have the features it takes to protect an enterprise network from the inside-out. This paper discusses the advanced security features that Extreme Networks builds into its switches and routers. Extreme Networks offers a rich portfolio of network infrastructure and security devices, ranging from 1U appliances to gigantic enterprise switches. Extreme Networks products provide connectivity, and protect converged networks from security threats using network access control, network segmentation and threat mitigation.

[Download the Whitepaper](#)

Solving the Firewall/NAT Traversal Issue of SIP: Who Should Control Your Security Infrastructure?

By Ingate Systems

This is a great paper that dives into the firewall/NAT traversal issue. The paper provides solid alternatives and solutions to the problem so that Session Initiation Protocol (SIP) sessions can be supported throughout an enterprise. For background on the firewall/NAT traversal issue: SIP-based communication does not reach users on a LAN behind firewalls and Network Address Translation (NAT) routers automatically. Firewalls are designed to prevent inbound unknown communications and NAT stops users on a LAN from being addressed. Firewalls are almost always combined with NAT and typically do not support SIP properly.

[Download this paper for practical firewall/NAT traversal solutions](#)

Enabling IP Telephony with Juniper Enterprise Solutions

By Juniper Networks

Geographically dispersed workers and consolidation of network resources are some of the trends fueling the growth of IP telephony in today's enterprises. Yet to reap the benefits of IP telephony, enterprises must be able to support its unique requirements. This white paper discusses Juniper's unique ability to provide the security, availability, and performance demanded by IP telephony applications. The white paper also looks at real-world examples of the needs of IP telephony users in the enterprise, including the headquarters-based campus worker, branch office user, tele-worker, and mobile worker.

[Download the Whitepaper](#)

Meru AirShield Security Suite: A Framework for Assured Mobile Application Delivery

As wireless LANS become more prevalent in enterprises, however, legitimate concerns about security and reliable service must be addressed. Today more than ever, it is crucial that key mobile business applications are delivered securely and scaleably to employees and business partners. As a result, for the wireless, as well as for the wired LAN, IT administrators need to establish and implement security and application availability policies that facilitate these productivity-enhancing networks.

[Find out how by downloading this white paper](#)



Podcasts

NAC Launch From ProCurve Networking by HP: Part Two

Wenceslao Lada, VP & Americas GM and Andre Kindness, both from ProCurve Networking by HP join the Lippis Report podcast to announce major product and organizational additions to their ProActive Defense strategy. ProActive Defense claims to deliver a trusted network infrastructure that is immune to threats, controllable for appropriate use and able to protect data and integrity for users. This podcast dives into the technical aspects of the ProCurve announcement. We address NAC, NAP, supplicants and more.

[Listen in: the internal network security market just changed.](#)

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Unified Communications (UC) deployment is well underway. Of the big vendors, Avaya, Cisco, Siemens and Alcatel are delivering product today while Nortel and Microsoft promise UC and ask that you hold off purchasing competitive products. Innovative Communications Alliance (ICA), the Nortel/Microsoft joint venture, is scheduled to provide product guidance in June, a full year after its announcement. Mitel, Shortel, 3Com, IBM, Interactive Intelligence, NEC, Ericsson, AVST, Oracle, TeleWare, Objectworld, et al., are delivering UC. With the IP telephony, telecommunications and application industries focused on taking their share of the emerging \$35B to \$40B annual UC market it's inevitable that UC will soon be a fact of corporate life. So the question is: are you ready? Is your infrastructure secure enough to support UC?

[Read the entire Lippis Report 82](#)