

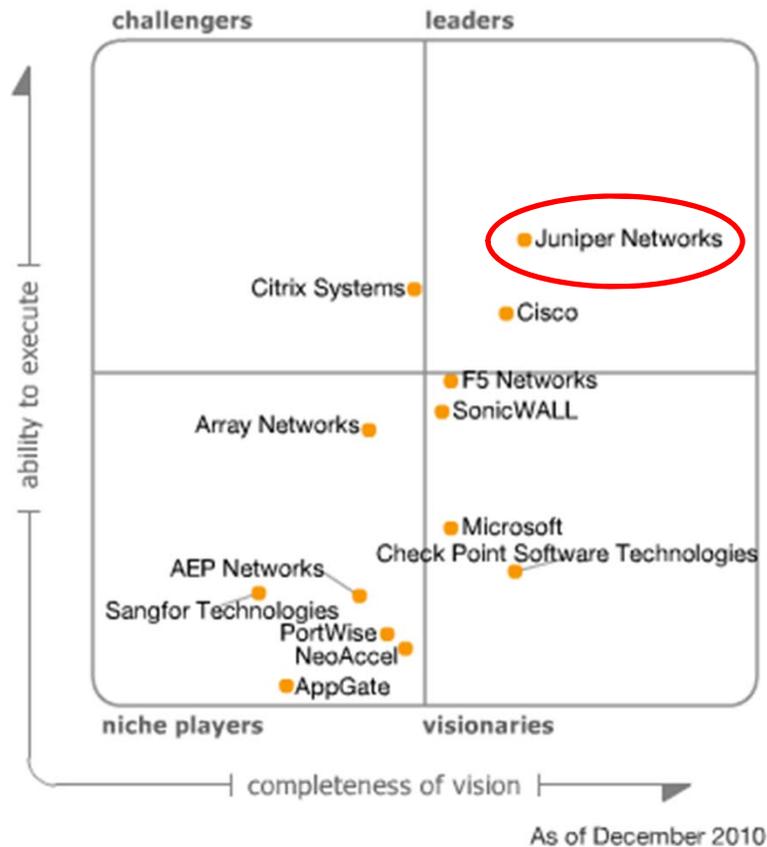


SHA-256 IAB Q&A

February 2011



ANALYST PRAISE & RECOGNITION



2010 Magic Quadrant Key Takeaways:

“Juniper has maintained the product vision, execution and overall momentum so effectively that it has held a Magic Quadrant leadership position continuously ...”

“...entrenched in the Fortune 500 with a track record for large deployments.”

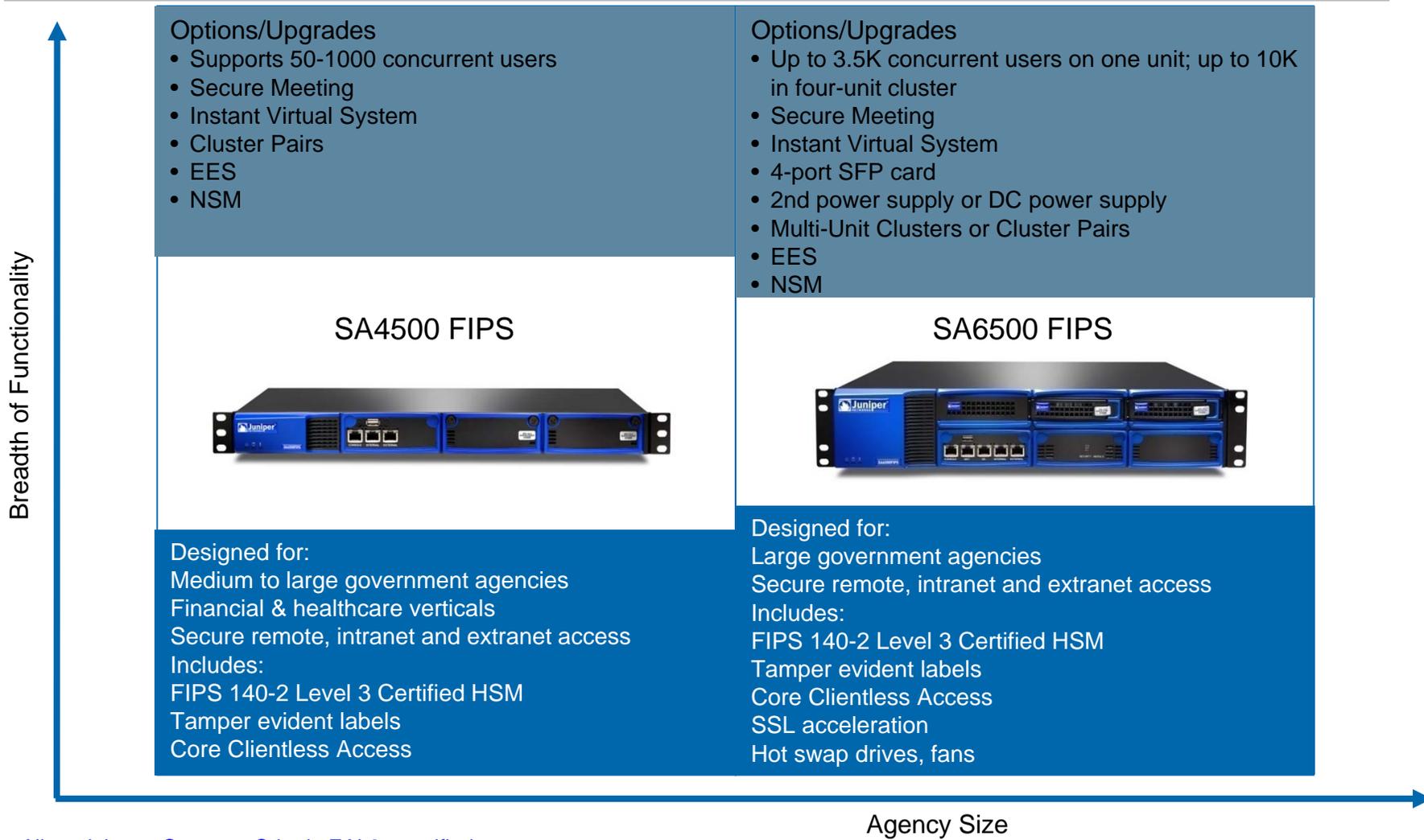
“Juniper is the No. 1 competitive threat cited by peer vendors...”

“Junos Pulse...is expected to pose a strong competitive advantage for Juniper SSL VPN sales.”

<http://www.gartner.com/technology/media-products/reprints/juniper/vol6/article7/article7.html>

Source: Gartner (December 2010)

JUNIPER SSL VPN FIPS PRODUCT LINE



All models are Common Criteria EAL3+ certified:

http://www.dsd.gov.au/infosec/evaluation_services/epl/network_security/juniper_networks_SAF.html

Meeting the SHA-2 Requirement

- SHA-256 supported today on two product platforms – SSL-VPN & NAC
 - SA2500, SA4500, SA6500, **SA4500FIPS**, **SA6500FIPS**, SA Virtual Appliance
 - Juniper suggests code 7.0r3 or higher
 - SHA-256 works on 6.4r5 and higher, 6.5r3 and higher as well
 - All QA testing completed with 7.0r3 and 7.1 code
 - **IC4500, IC6500, IC6500FIPS**
 - Juniper's Access Control Platform (NAC)
 - this functionality comes into the IC platform with 3.1r3 & 4.0r1

Meeting the SHA-2 Requirement

- What's been tested?
 - Client cert authentication
 - CRL download
 - OCSP
 - Note on OCSP testing: Juniper accepts SHA-256 signed OCSP responses, but we sign the OCSP request using SHA-1.
 - Reading the NIST docs, we don't see this as being an issue – feedback?
 - All tests done with GSA issued SHA-256 PIV card
- Other tests you'd like to see?
- Questions on SHA-2?
- Other questions on Juniper Remote Access or Access Control Solutions?

What' New with Juniper's Remote Access Solution



everywhere

JUNOS PULSE (FOR WINDOWS)

Dynamically provisioned client for:

- Connectivity
- Security
- Acceleration

Support for desktops, notebooks and netbooks

Location aware and identity-enabled

Standards-based

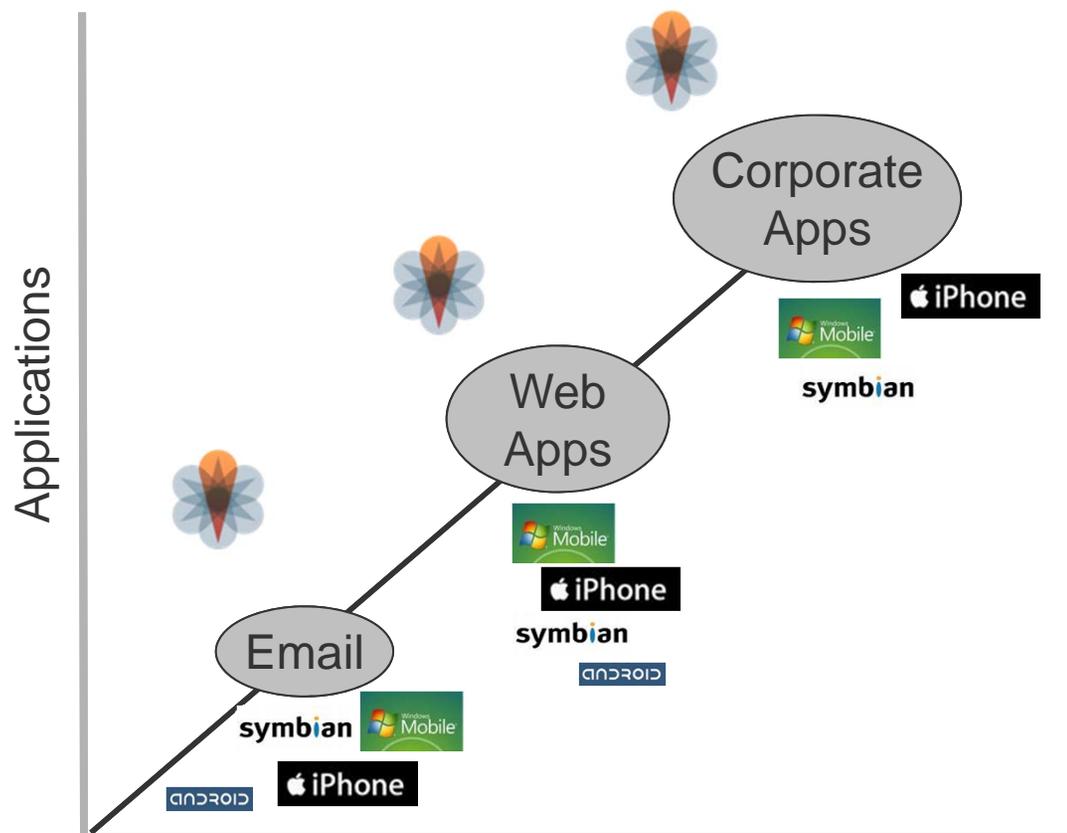
Platform for select third party applications



SECURE ACCESS FROM MOBILE DEVICES



Junos Pulse for mobile devices enables smartphone and mobile device access to email, Web, and corporate applications



More Applications on More Devices Over Time

JUNOS PULSE MOBILE SECURITY SUITE

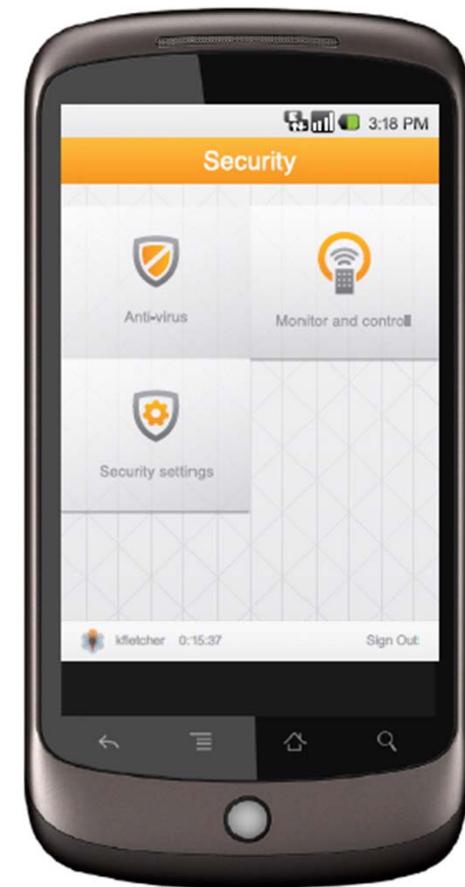
Comprehensive Smartphone Device Management and Security Solution

- Antivirus
- Firewall
- Anti-Spam
- Loss/Theft Protection
- Device Monitoring/Control

Sold with SA Series SSL VPN or as standalone

Requires Junos Pulse Mobile Security Gateway

- Secure, hosted deployment



SSL VPN VIRTUAL APPLIANCES OVERVIEW

Designed for large-scale service provider deployments that want to offer managed SSL VPN services

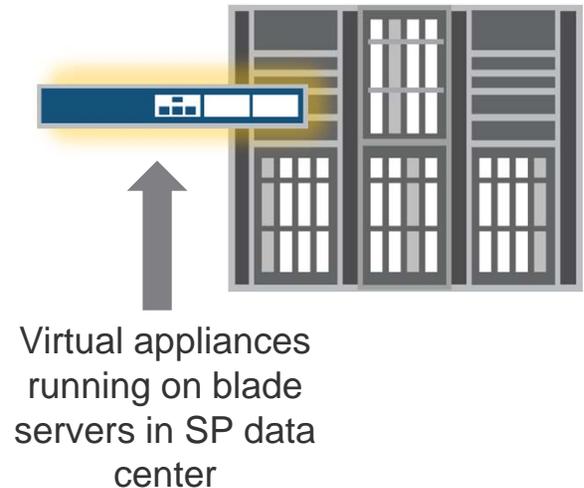
Runs on various hardware platforms & configurations (typically blade servers) using VMware

Uses subscription licensing to assign licenses to virtual appliances to fulfill SP's needs

- Licenses installed on a license server and then licenses assigned at various levels to virtual appliances
- License amounts easily adjusted as needs change

Includes similar feature set of hardware-based SA Series models such as...

- Junos Pulse
- Host Checker
- Cross-platform support (Windows, Mac, Linux, various mobile phones including iPhone, Windows Mobile, Android, Symbian)



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