



ACCELERATE YOUR SASE TRANSFORMATION WITH INTEL BASED PLATFORMS



Nikhil Desai, Sr. Director

Intel®
Network Builders
PARTNER

networkbuilders.intel.com



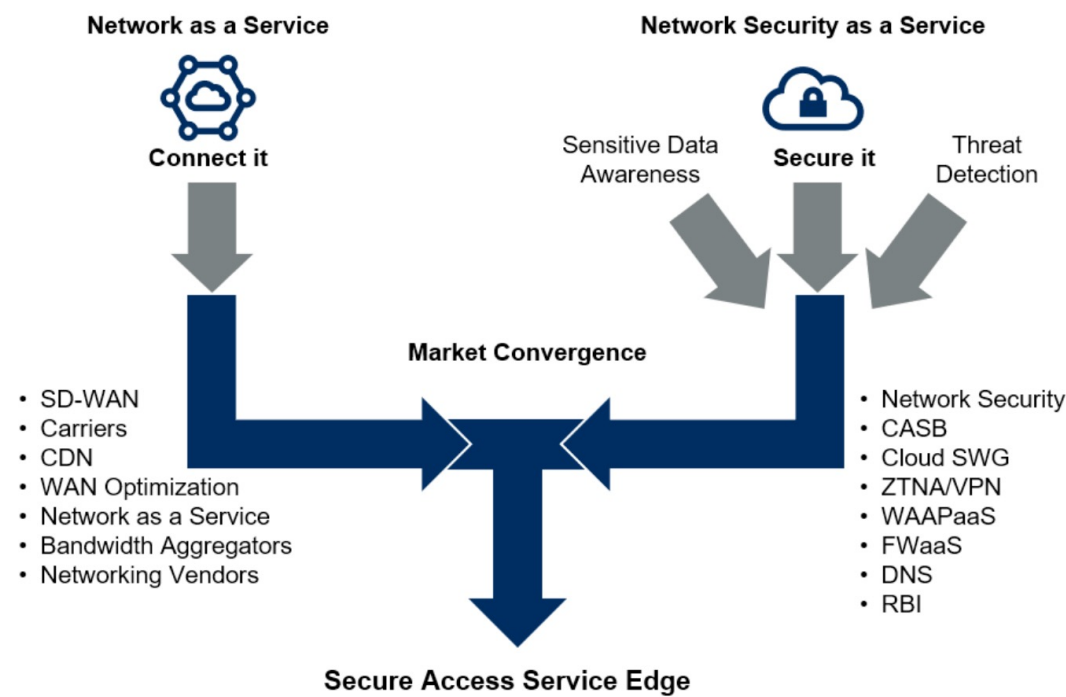
AGENDA

- SASE Market Overview
- X86 enabled SSE Use-cases
- X86 enabled WAN Edge
- X86 enabled LAN
- Intel + Versa Partnership
- Q&A

GARTNER: SECURE ACCESS SERVICES EDGE (SASE)



SASE Convergence



Heavy Branch	Thin Branch	Heavy Cloud
Router	SD-WAN/FW	CASB
VPN	Simple WOC	FWaaS w/ IPS
FW		ZTNA/SDP
WOC		SWG
SWG		DLP
DLP		Threat
		VPN
		WAAPaaS
		Sandbox
		RBI

Source: Gartner

CDN: content delivery network; RBI: remote browser isolation; WAAPaaS: web application and API protection as a service.
Source: Gartner

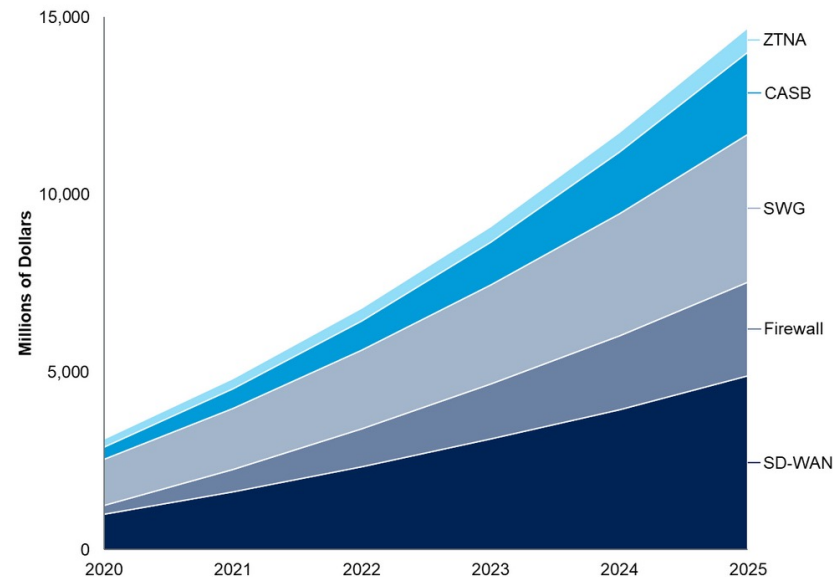
THE SECURE ACCESS SERVICE EDGE (SASE) COMBINES COMPREHENSIVE WAN CAPABILITIES WITH COMPREHENSIVE NETWORK SECURITY FUNCTIONS TO SUPPORT THE DYNAMIC SECURE ACCESS NEEDS OF DIGITAL ENTERPRISES.

-GARTNER



SASE MARKET TRENDS

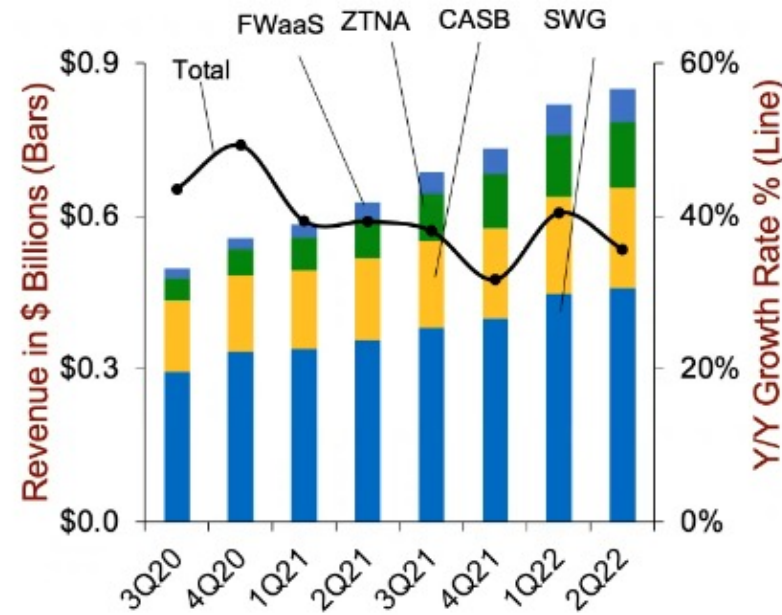
SASE Revenue Forecast (End-User Spend), Worldwide, 2020-2025



Source: Gartner (July 2021)
751957

Gartner's View

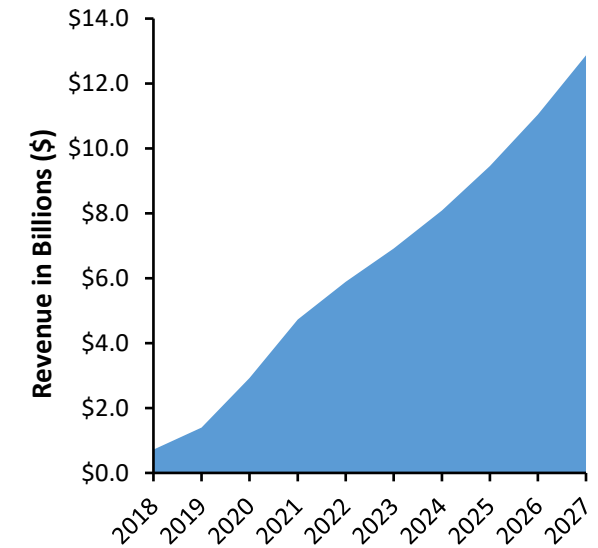
Revenue and Growth Rates



Dell O'ro Q4'22

Dell Oro's View

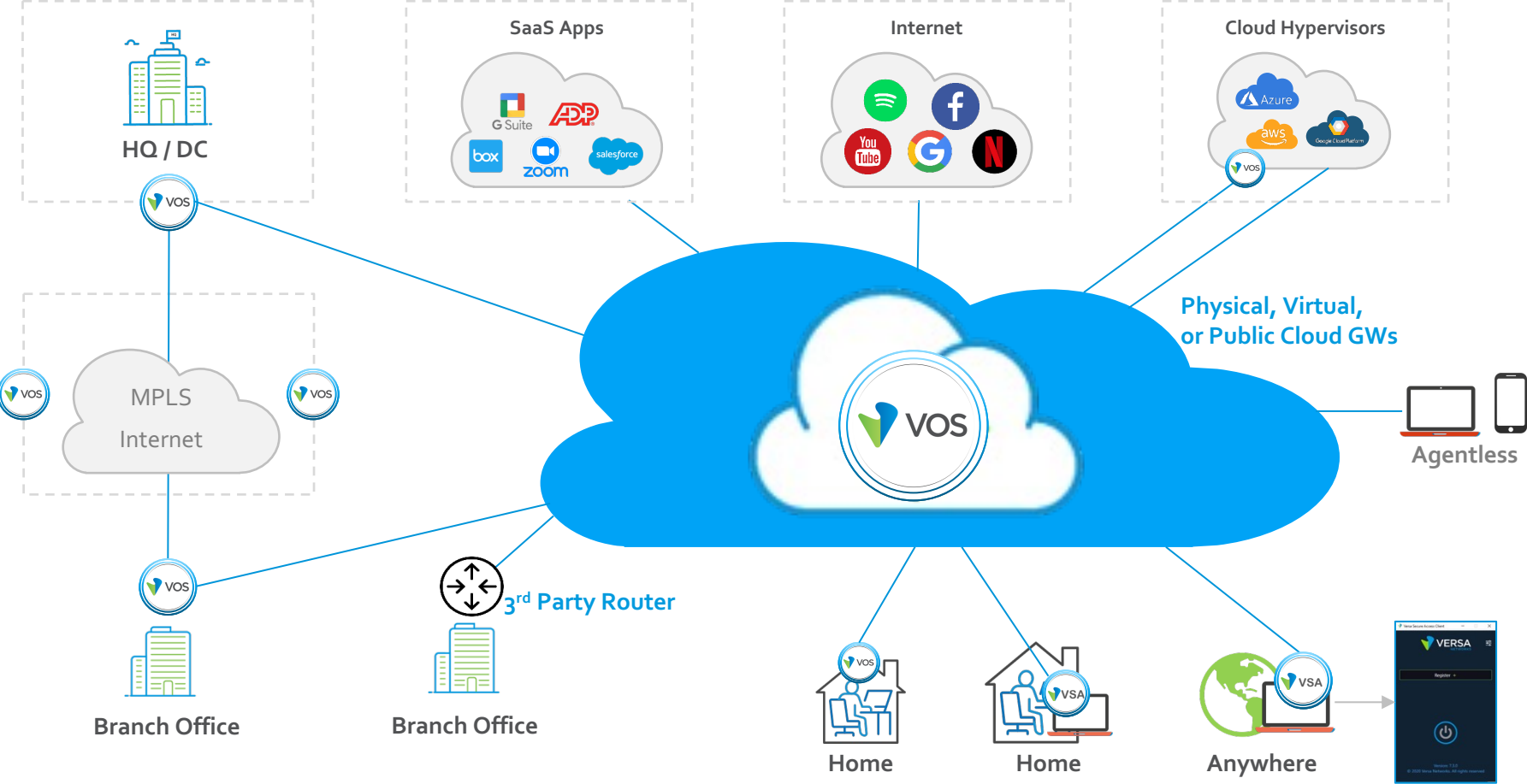
SASE Market Revenue



650 Group Dec'22

650 Group's View

VERSA SASE SOLUTION SUITE



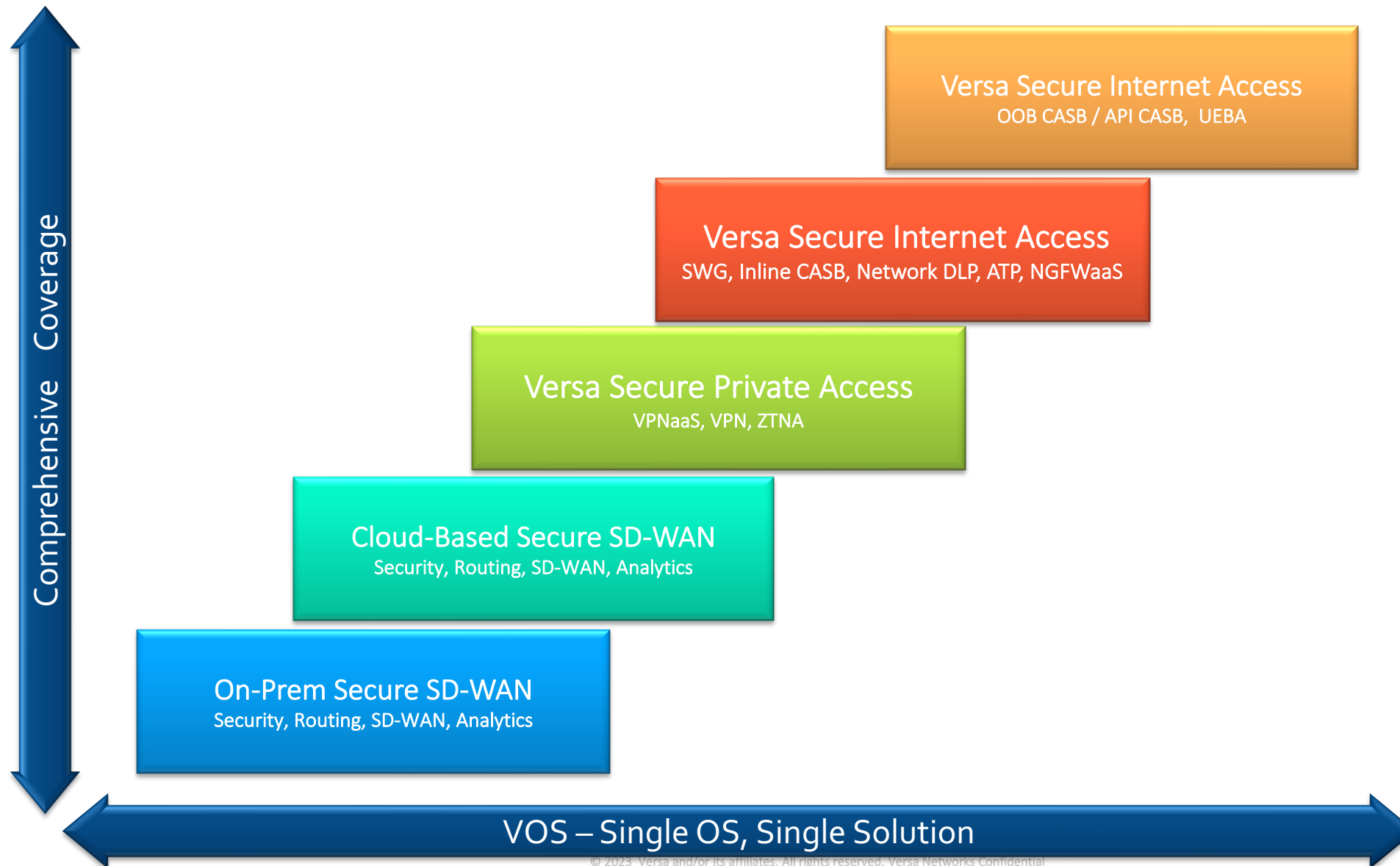
Single Pane of Management,
Monitoring and Visibility

Branch Users – Secure SD-WAN

Remote Users – Secure VSPA, VSIA

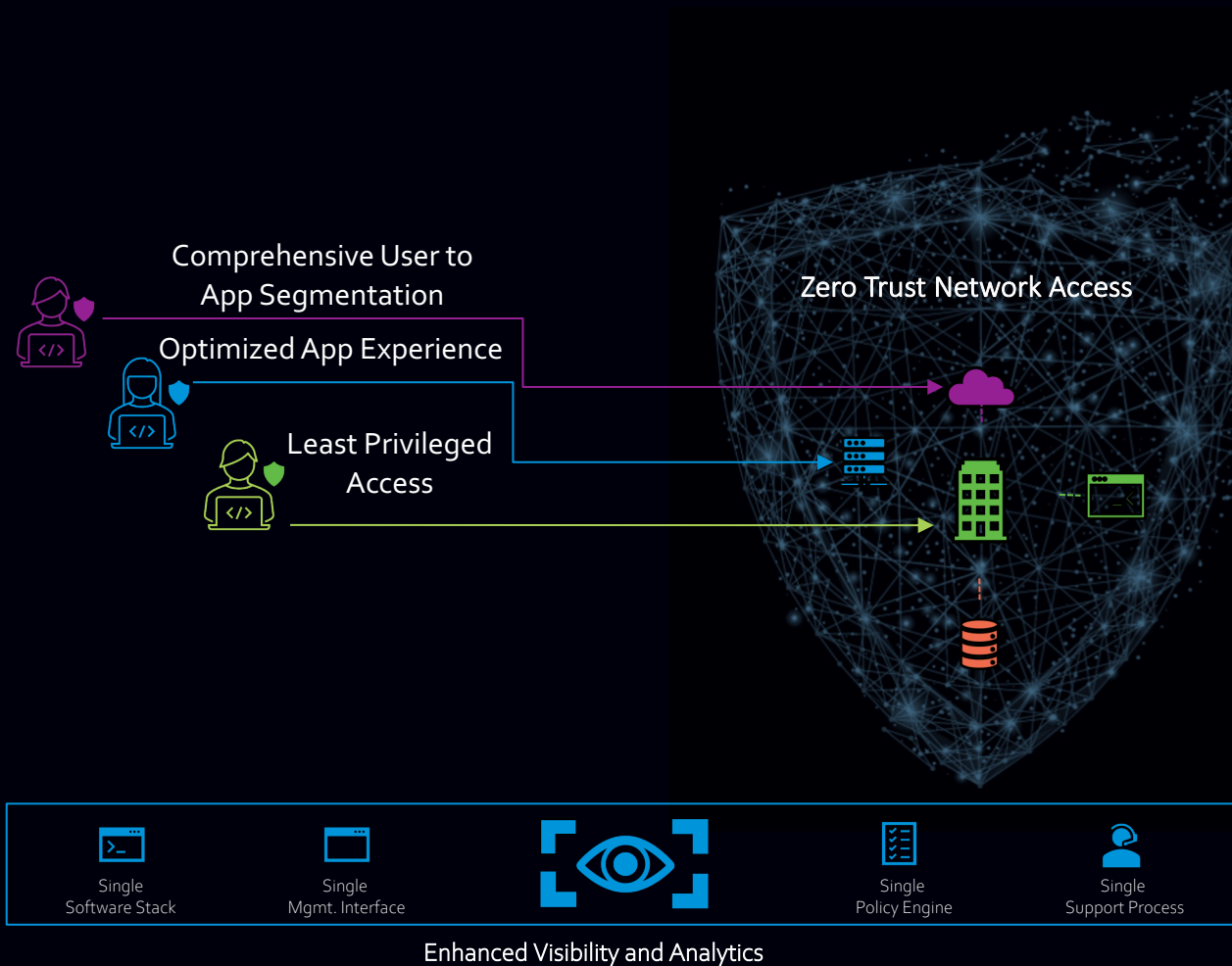


VERSA'S SASE COVERAGE

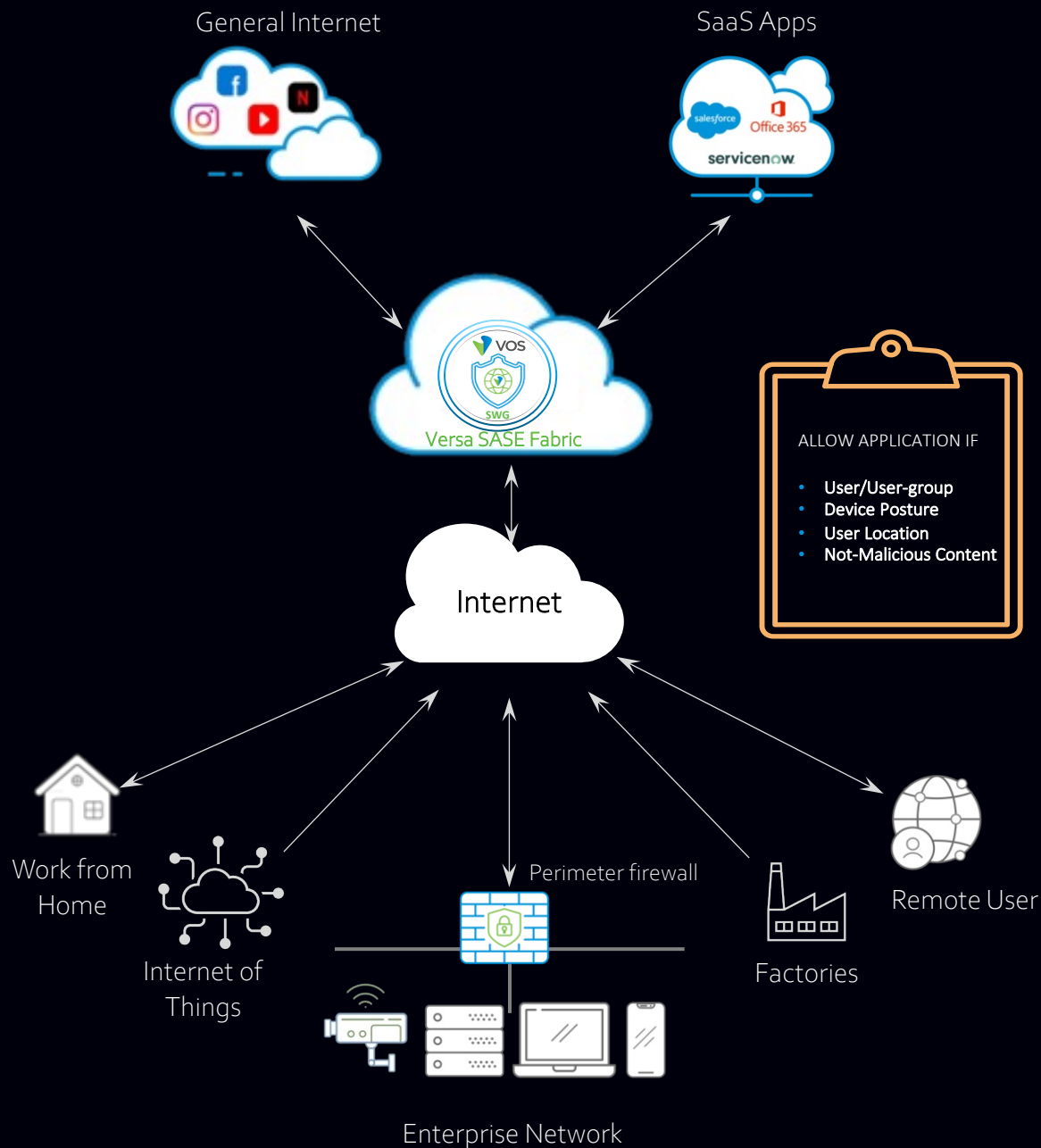


© 2023 Versa and/or its affiliates. All rights reserved. Versa Networks Confidential

VERSA SECURE PRIVATE ACCESS



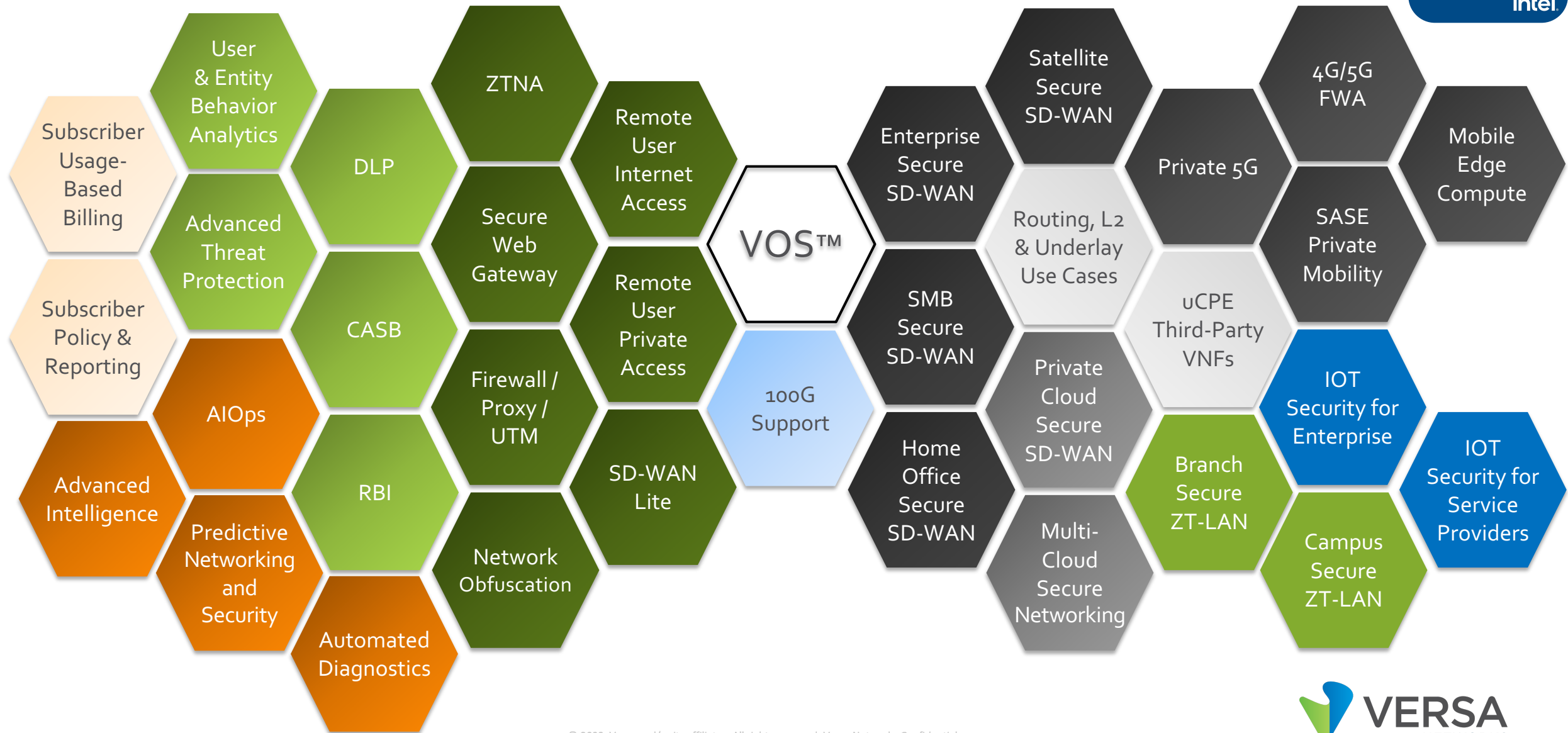
- ✓ Increased Security Posture – Zero Trust
- ✓ Least Privileged Access Methods
- ✓ User and App Segmentation
- ✓ Global access improving app performance
- ✓ Higher Customer Satisfaction
- ✓ Enhanced Visibility and Analytics



VERSA SECURE INTERNET ACCESS

- ✓ Enforced corporate internet access policies with globally positioned gateways
- ✓ Cloud based security protects users irrespective of location
- ✓ Segmented secure user access to SaaS, and public cloud resources
- ✓ Unified gateway provides protection for both private and public applications
- ✓ Consolidated security stack decreases TCO

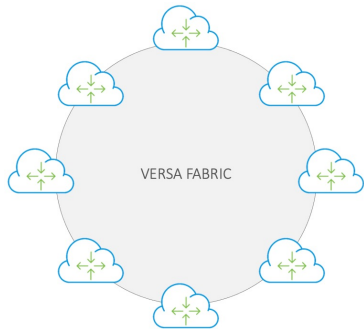
VOS™ – A PLATFORM FOR SECURITY & NETWORKING



BROAD SET OF X86 BASED PLATFORMS

Versa Operating System (VOS™)

Versa Cloud Gateways



All Major Public Clouds



EQUINIX



All Major Hypervisors



Versa CSG Appliances



100GB Ethernet



Multi GB POE+



Dual LTE



Versa Certified Appliances



Versa CSX Switches



VOS™ as VM

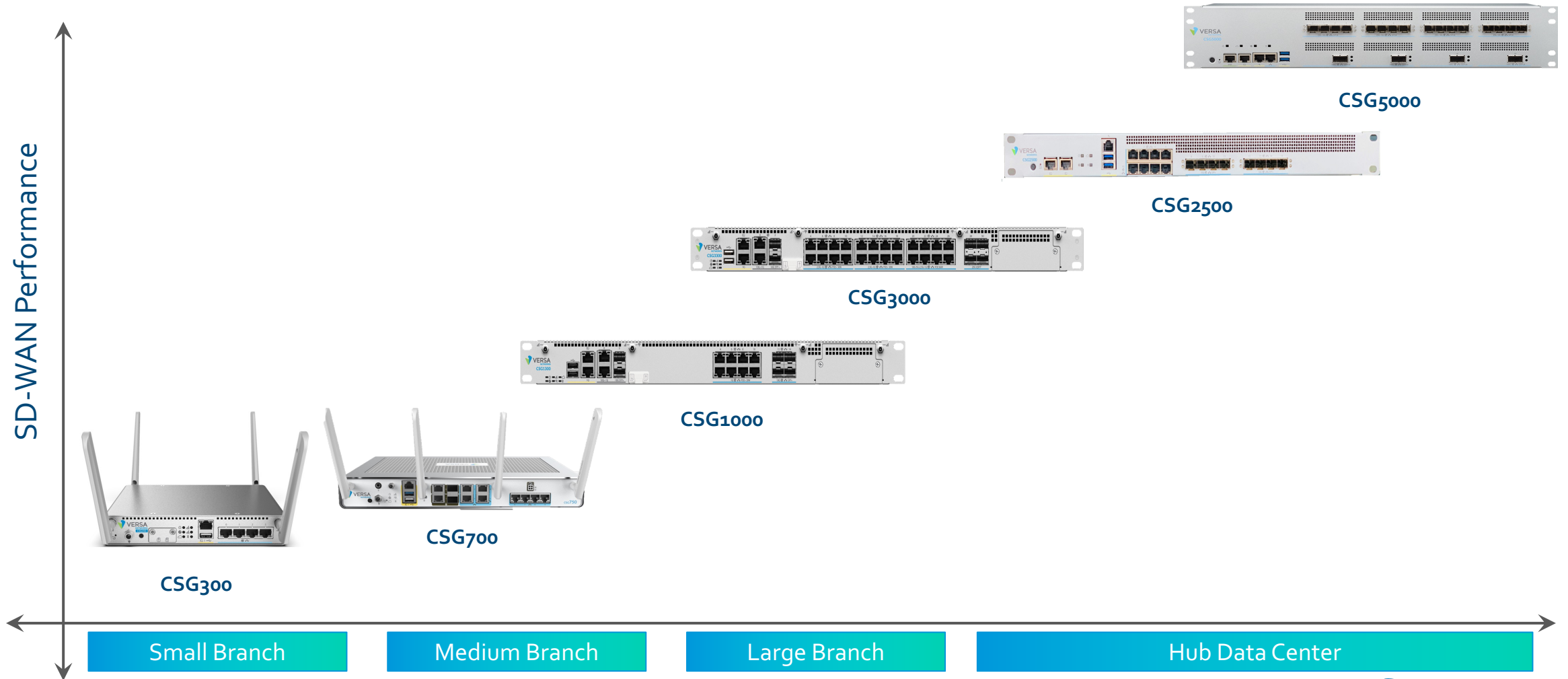
Ships With VOS™ Installed

Same VOS on Physical,
Virtual, and Cloud

Versa Data Plane scales to
100G and beyond
Network Hub to Multi-cloud

Based on Intel x86
Branch, Hub, DC

WAN EDGE PORTFOLIO – BASED ON X86 PROCESSORS

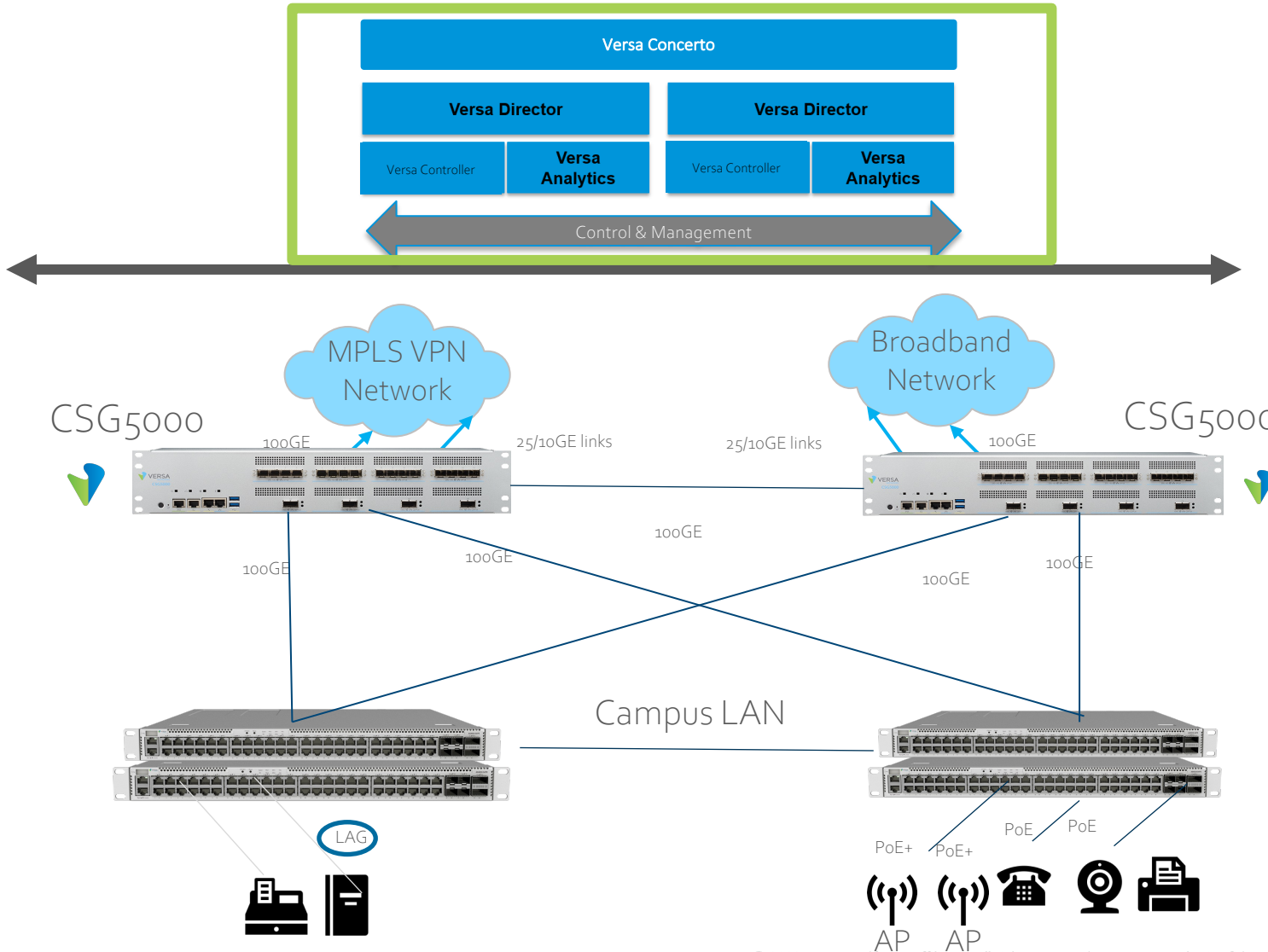


CSG5000 POWERED BY VOS™



- ✓ High performance routing, SD-WAN, Advanced Security, SSE (ZTNA, SWG, CASB, DLP...)
 - > 100 G SD-WAN performance
- ✓ Data Center and PoP deployments
- ✓ Cloud based SSE gateways
- ✓ Very high scale and concentration capabilities
 - 4x QSFP28 100GE
 - 16x SFP28 25/10GE
- ✓ Built-in hardware acceleration engines

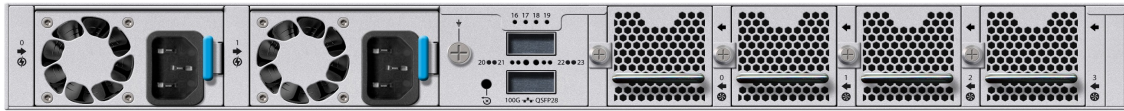
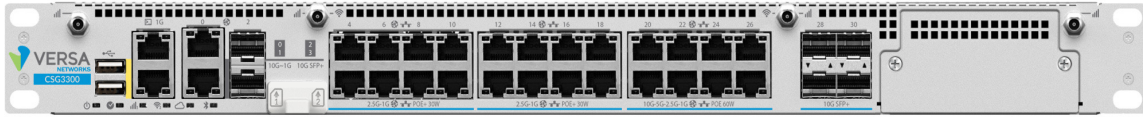
CSG5000 DATACENTER / HUB DEPLOYMENT SCENARIO



- 100GE based LAN, WAN inter-chassis connections
- Active-Active setup on WAN distributed across redundant platforms
- Multiple active LAN links for LAN switch redundancy
- Additionally, 25/10GE interfaces to be used in addition to 100GE interfaces

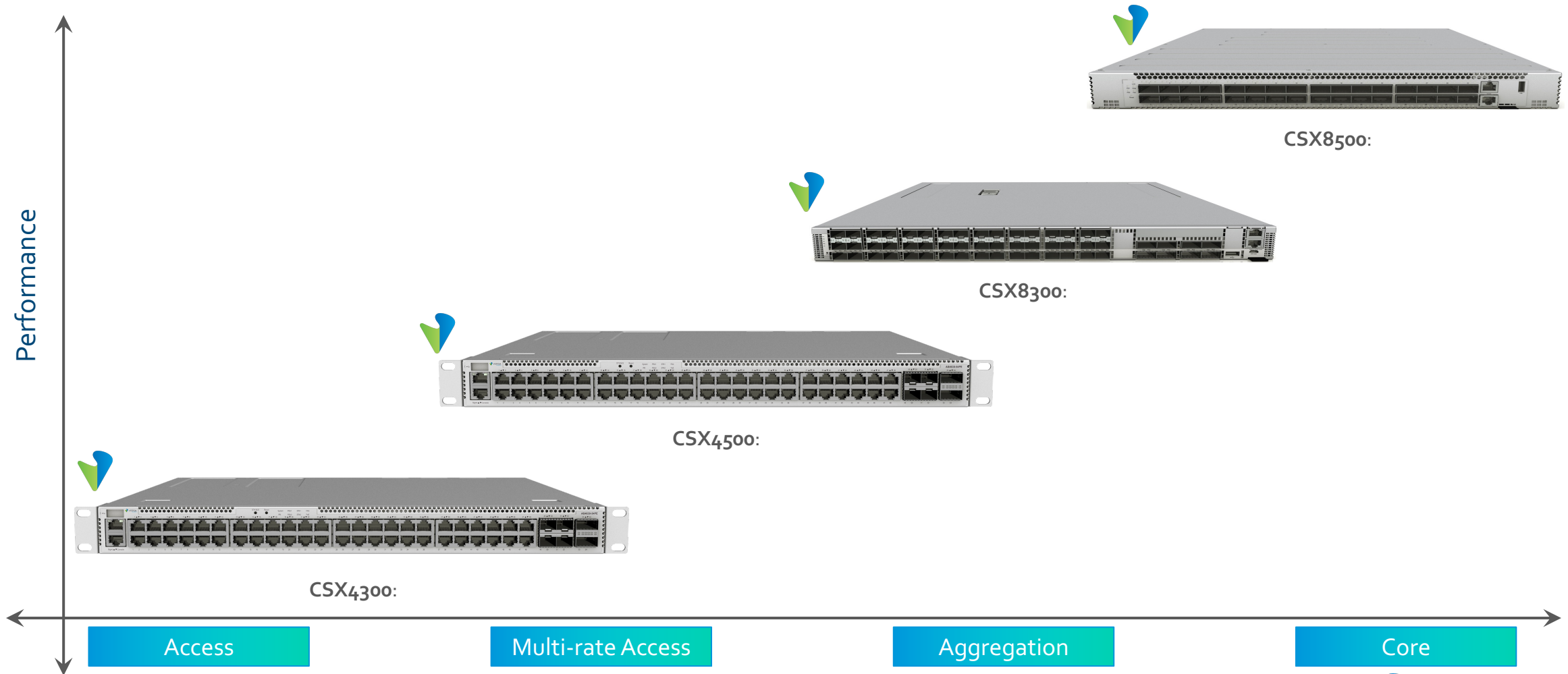
CSG3000

POWERED BY VOS WITH X86 & SWITCHING FOR ZT-LAN

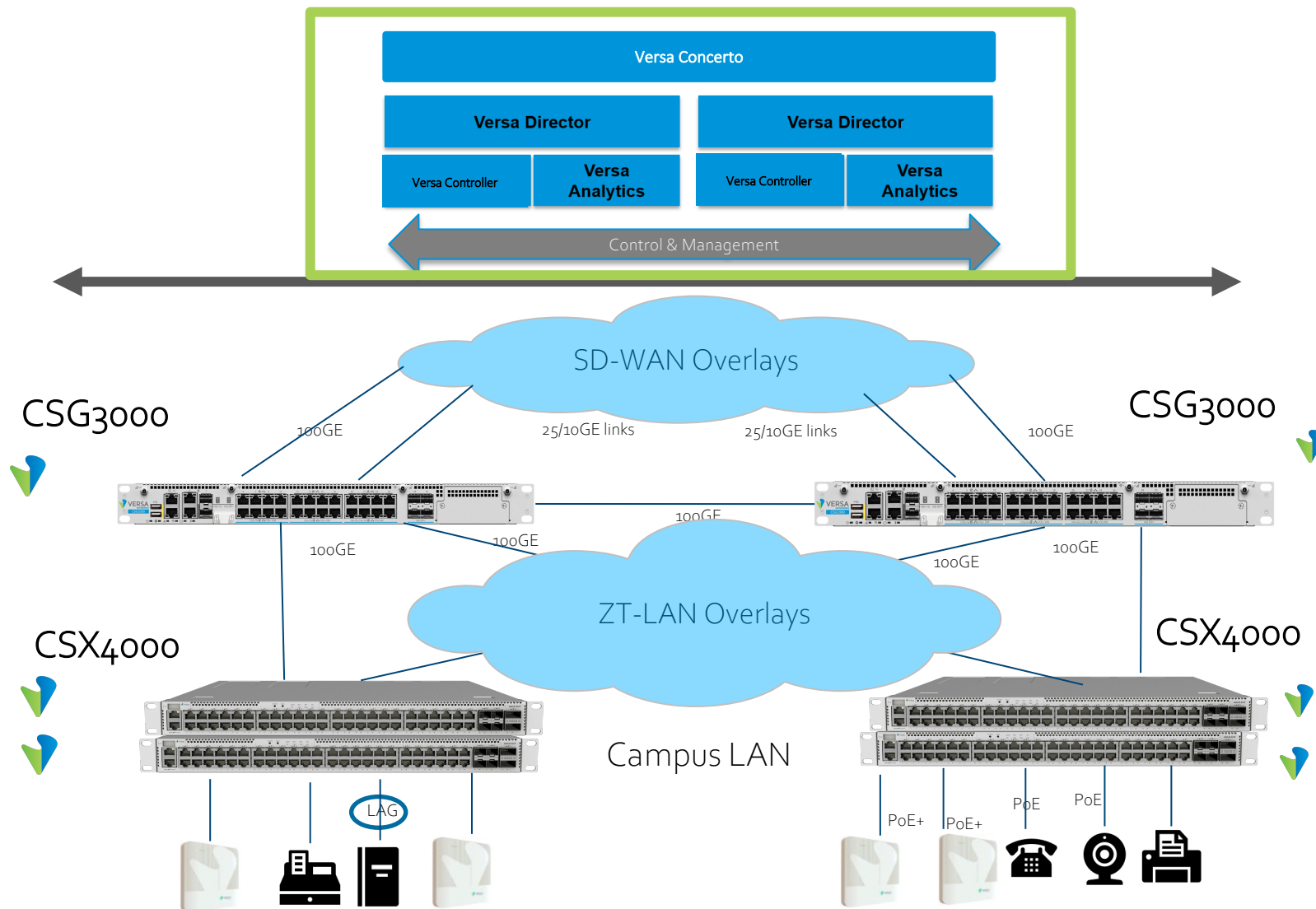


- ✓ High performance routing, SD-WAN, Advanced Security combined with higher performance switching
- ✓ SD-WAN / Edge & LAN Aggregation layer combined via 100GE/25GE/10GE interfaces
- ✓ HQ, Campus, Large MTU building deployments
- ✓ Hardware acceleration built-in for crypto functions
- ✓ uCPE support to host 3rd party VMs, including WLAN Controllers for distributed APs

SWITCHING PORTFOLIO – BASED ON X86 PROCESSORS

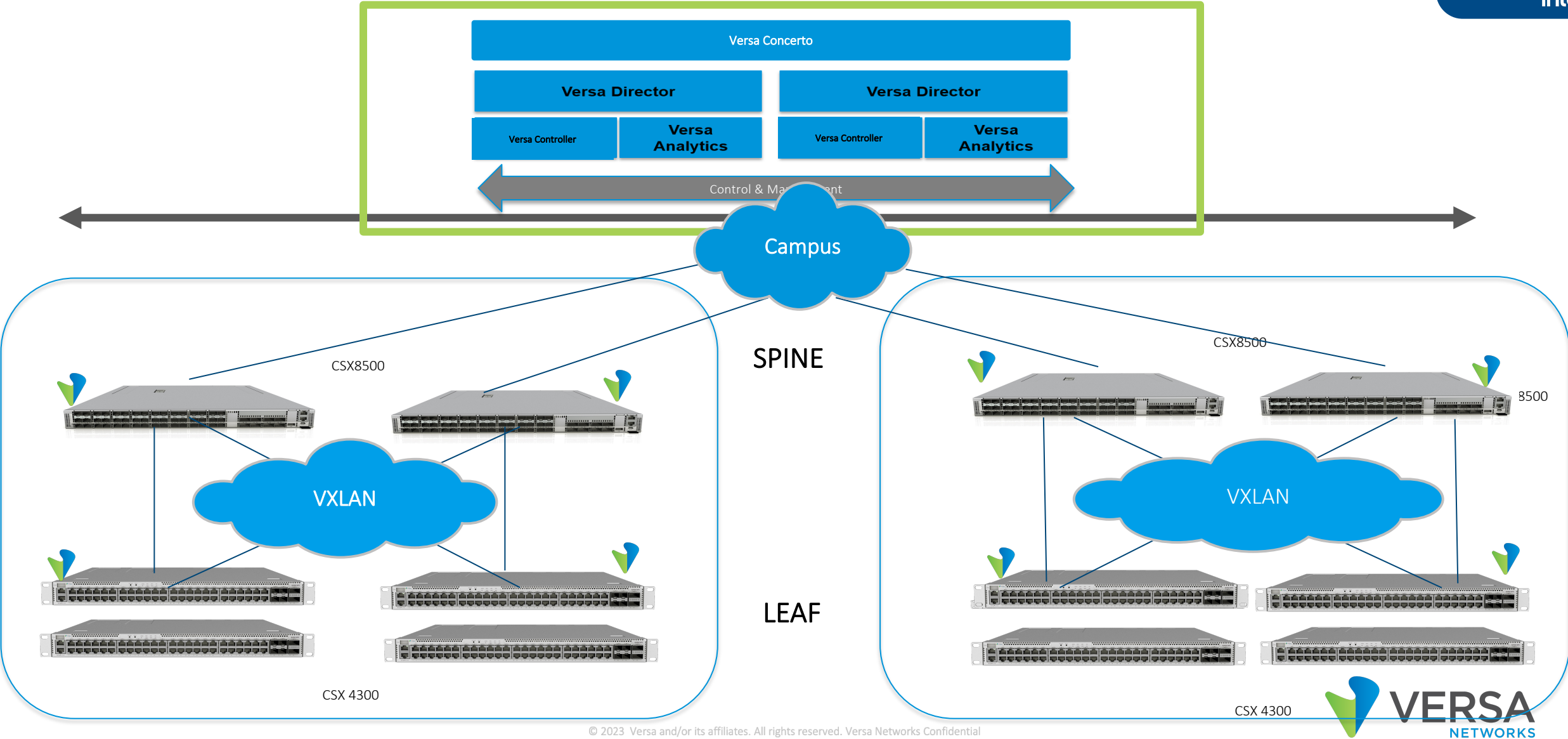


CSG3000 AND CSX4000 DEPLOYMENT SCENARIO



- ZT-LAN Edge connected with standards-based overlays (VxLAN, EVPN)
- L2/L3 wire rate switching supporting all established protocols
- Native security built-in to provide on-prem ZTNA, -Access and NGFW/UTM based SDP
- L4-7 Policy Control
- Micro segmentation
- Policy follows the user, device, application

CSX4K AND CSX8K SPINE LEAF TOPOLOGY FOR ZT-LAN



VERSA SASE LEADERSHIP

Gartner

Versa 1 of 3 Vendors in all 3 Gartner MQs for SASE

Security Service Edge (SSE) MQ

WAN Edge MQ

Network Firewall/ FWaaS MQ

Figure 1: Magic Quadrant for Security Service Edge



Source: Gartner (February 2022)

Figure 1: Magic Quadrant for WAN Edge Infrastructure



Source: Gartner (September 2021)

Figure 1: Magic Quadrant for Network Firewalls

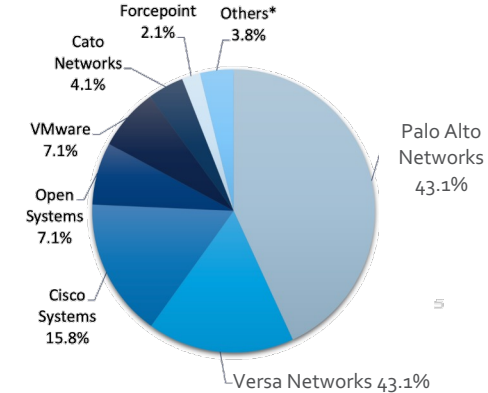


Source: Gartner (November 2021)

FROST & SULLIVAN

Versa Identified as the #2 Market Share Leader in SASE

SASE: Revenue Share of Top Participants Global 2021



GIGAOM RADAR REPORT

"Versa Integrated Security is a Solid Differentiator"

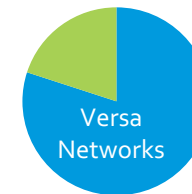


Source: GigaOm 2022

© GigaOm

DELLO
GROUP

Versa is SASE Market Share Leader 2021 (unified category)



Versa Networks led the Unified SASE market in 2021 with 84% market share

SASE Market Revenue Ranking 2021 (unified category)

Global Rank #1 Versa Networks

VERSA & INTEL PARTNERSHIP



- Since founding of Versa (2012)
 - Technology and know-how sharing
- Strong engineering and architectural alignment – hardware and software
 - General purpose processor technologies, interfaces
 - Hardware offload engines – crypto, hw assisted lookups, compression engines
 - Hardware based security – secure platforms
- Best in class product portfolio – Versa and Intel

Q&A



THANK YOU

Intel®
Network Builders
PARTNER

networkbuilders.intel.com

