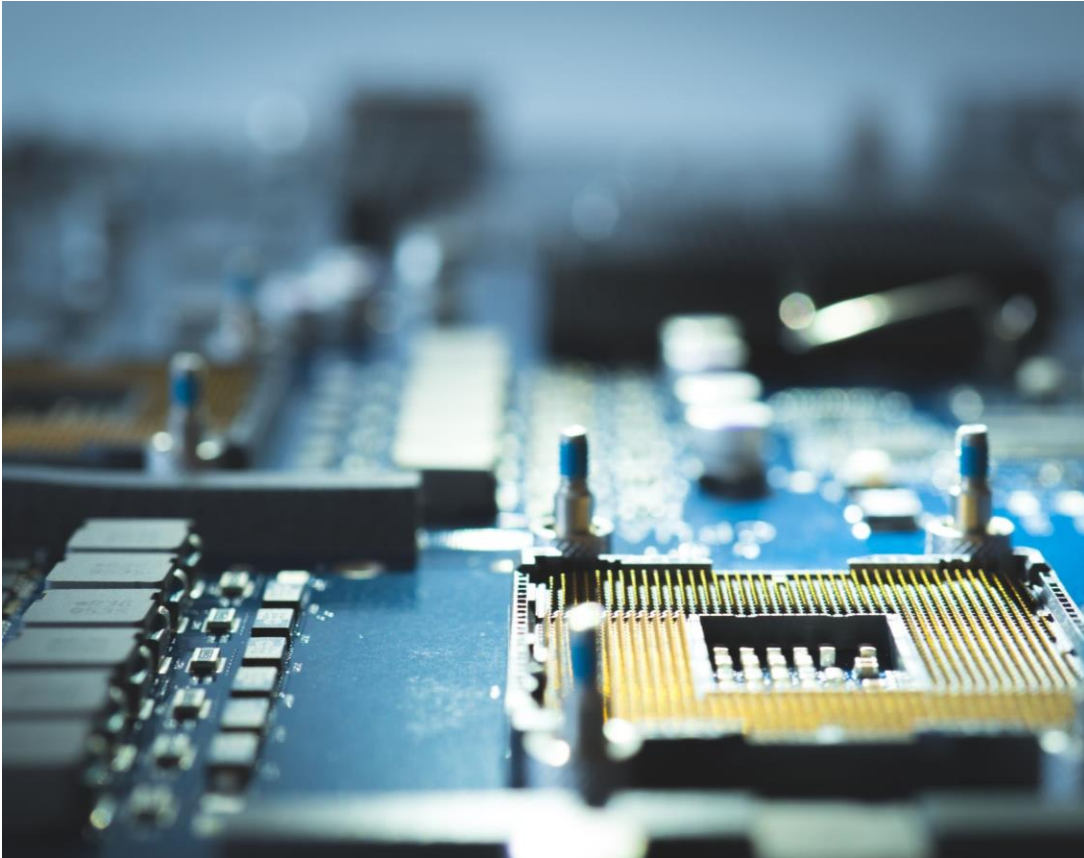# Versatility 2025

Hardware Platforms

VERSA

Hardware Platforms Update

- Market Landscape

- WAN Edge (SD-WAN / NGFW)
  - CSG
  - Dell (Versa Certified)

- LAN Edge (SD-LAN)
  - CSX

- WLAN
  - CSW

Versatility 2025

VERSA

VOS ™ powered platforms = silicon to software

VERSA

SDN Market Landscape

SDWAN

Figure 5: SD-WAN Market Revenue

Legend: Services, Subscription, Virtual, Physical
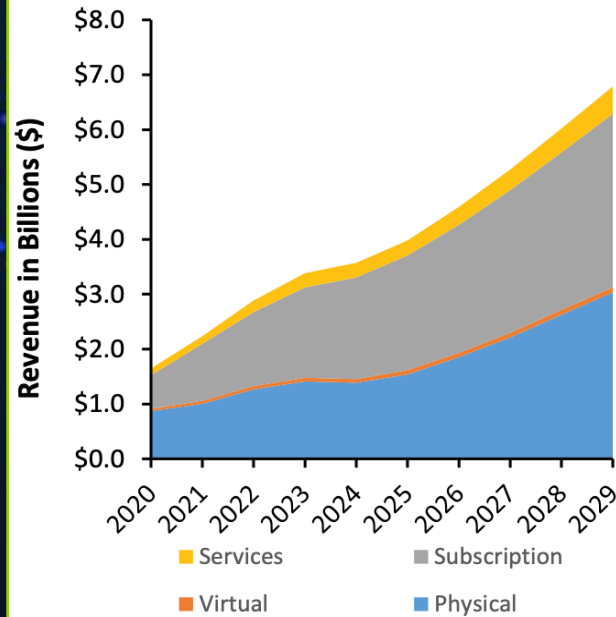
SASE

Figure 4: SASE Market Revenue
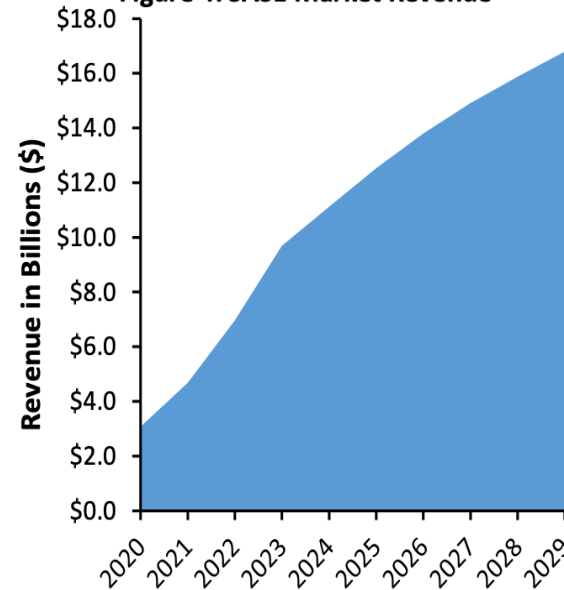
SDLAN

Figure 1: Ethernet Switch Market Revenue

Legend: SMB, Enterprise (Campus), Data Center, Carrier Ethernet (SP)
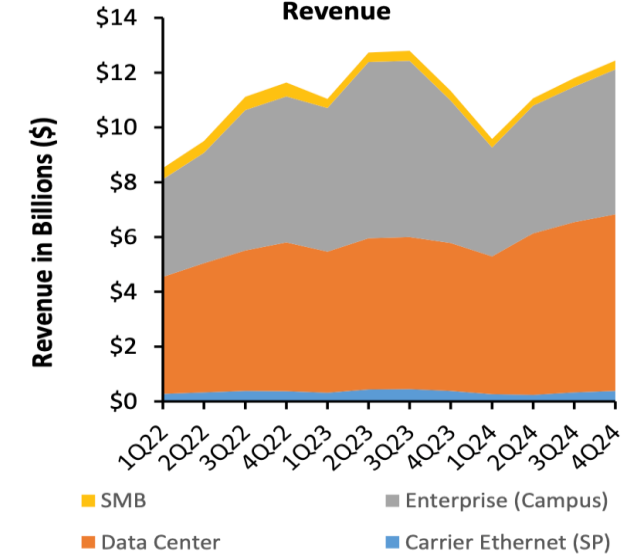
- *Source : 650 Group Q1'25*

Deployment models

SDWAN

☁ Cloud

🏢 On Prem

🛡 VM

SASE

☁ SASE as a service: simple and fast for SMBs with small footprints

🏢 Private SASE: Enterprises, bigger footprint, managed
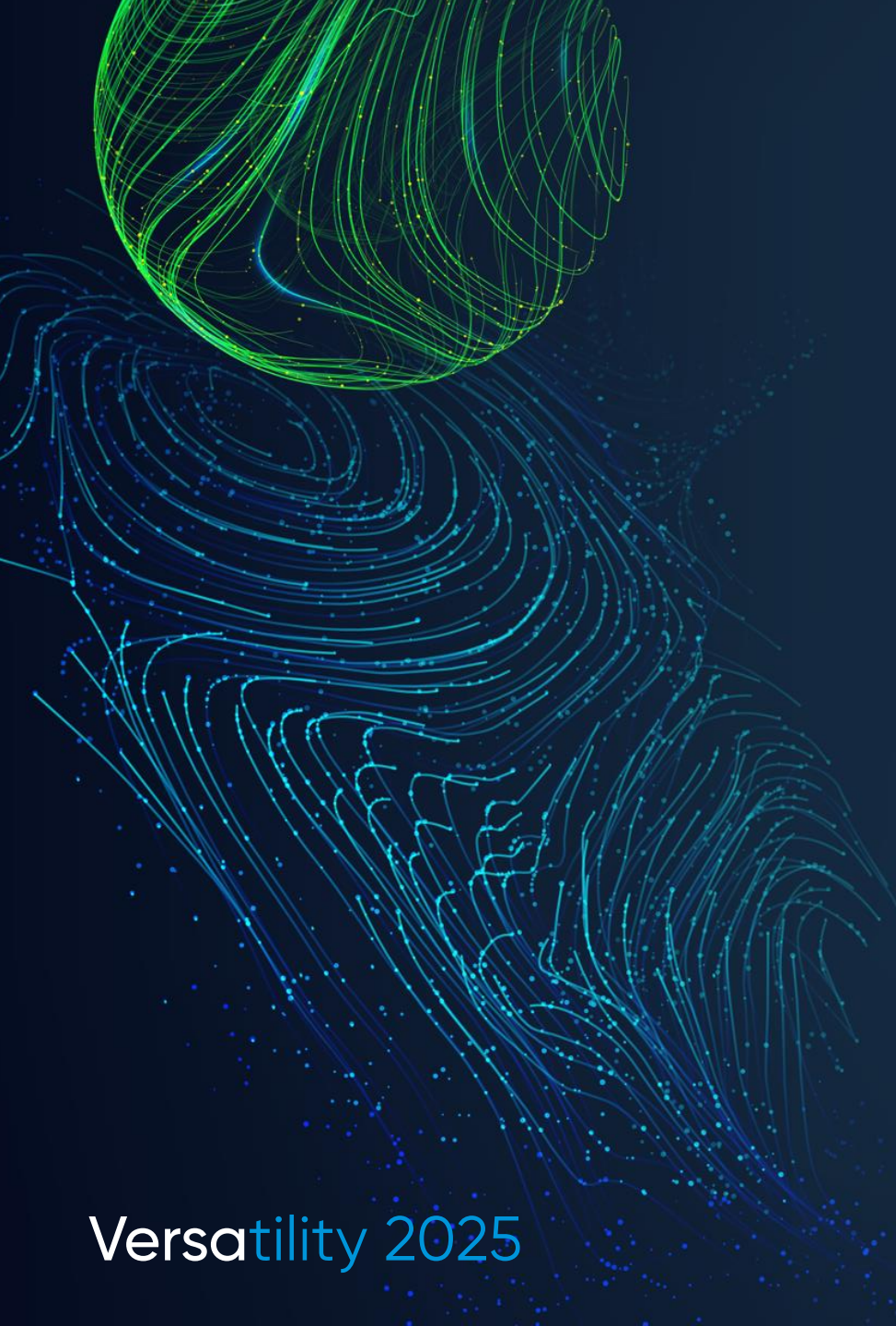
🛡 Sovereign SASE: Customer premises, DC, full control, data and compliance

SD-LAN

☁ Cloud managed switches

🏢 On Prem Zero Trust Network Access (ZTNA), Micro segmentation

🛡 Switching and WLAN APs

Versatility 2025

VERSA

CSG Platforms

CSG: WAN Edge & NGFW Appliances

SD-WAN Performance

5G

NEW: CSM64

NEW: CSG620H

NEW: CSG5200   **200+ Gbps**

CSG2500 : **25 Gbps**

CSG3000 : **6-15 Gbps + 540Gbps switching**

CSG1000 : **4-15 Gbps**

NEW: CSG780

CSG700: **800Mbps - 5Gbps**

NEW: CSG150

CSG150 - CSG300: **200-500Mbps**

Small Branch	Medium Branch	Large Branch	Hub Datacenter
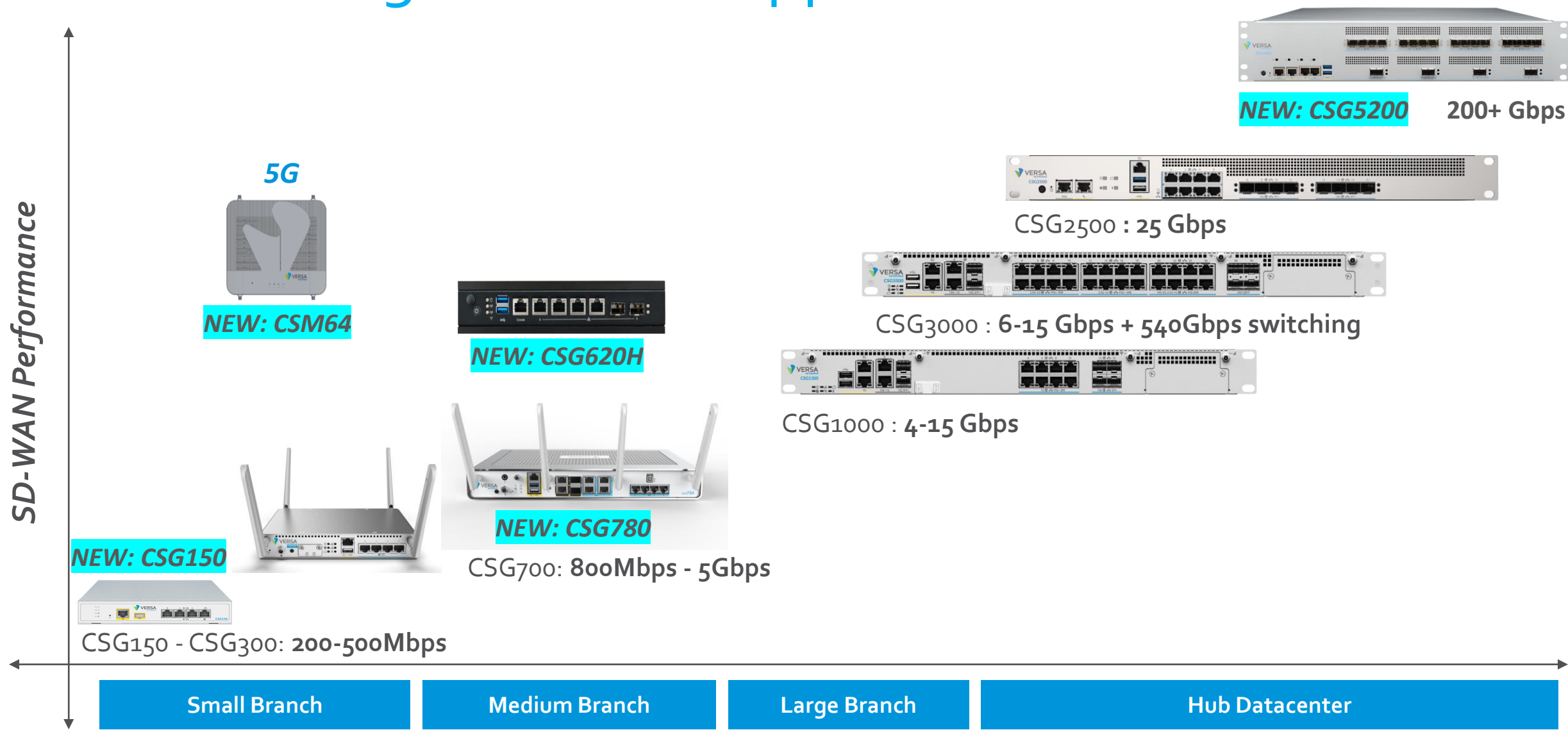
Versatility 2025

VERSA

CSG5200 : Highest Performance appliance

- DC Edge, High-end campus deployments
- SD-WAN, NGFW, on-prem SASE/SSE
- >200 Gbps SD-WAN performance
- Fully redundant field replaceable PSU, fans

Versatility 2025

CSG150 : Small form factor good performance

- Small branch
- SD-WAN, NGFW, on-prem ZTNA
- 500 Mbps SD-WAN performance
- Fan less for high resiliency

Versatility 2025

CSG620h : Hardened Appliance with high performance

- Deployments requiring hardened appliances
- SD-WAN, NGFW, on-prem ZTNA
- 1.3 Gbps SD-WAN performance
- Fan less for high resiliency
- AC and DC power options
- Built-in global LTE

Versatility 2025

VERSA

CSM64 : External 5G
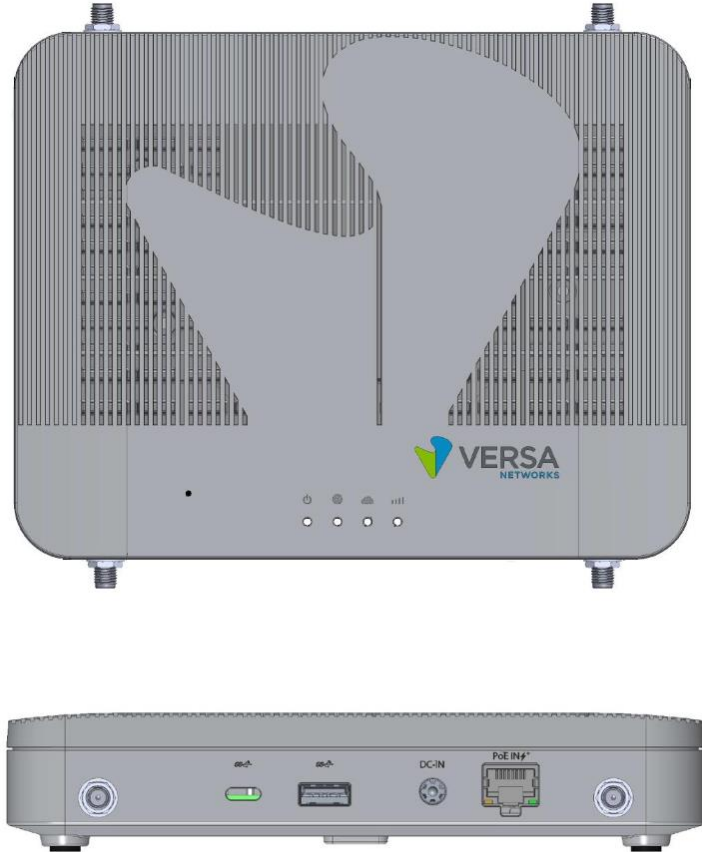
INDOOR

OUTDOOR

- External 5G/LTE Model
- Dual SIM
- Managed from VOS appliance Director and Analytics
- Indoor and outdoor versions
- PoE Ethernet for Power and Connectivity

Versatility 2025

VERSA

Dell Platforms

Versa certified
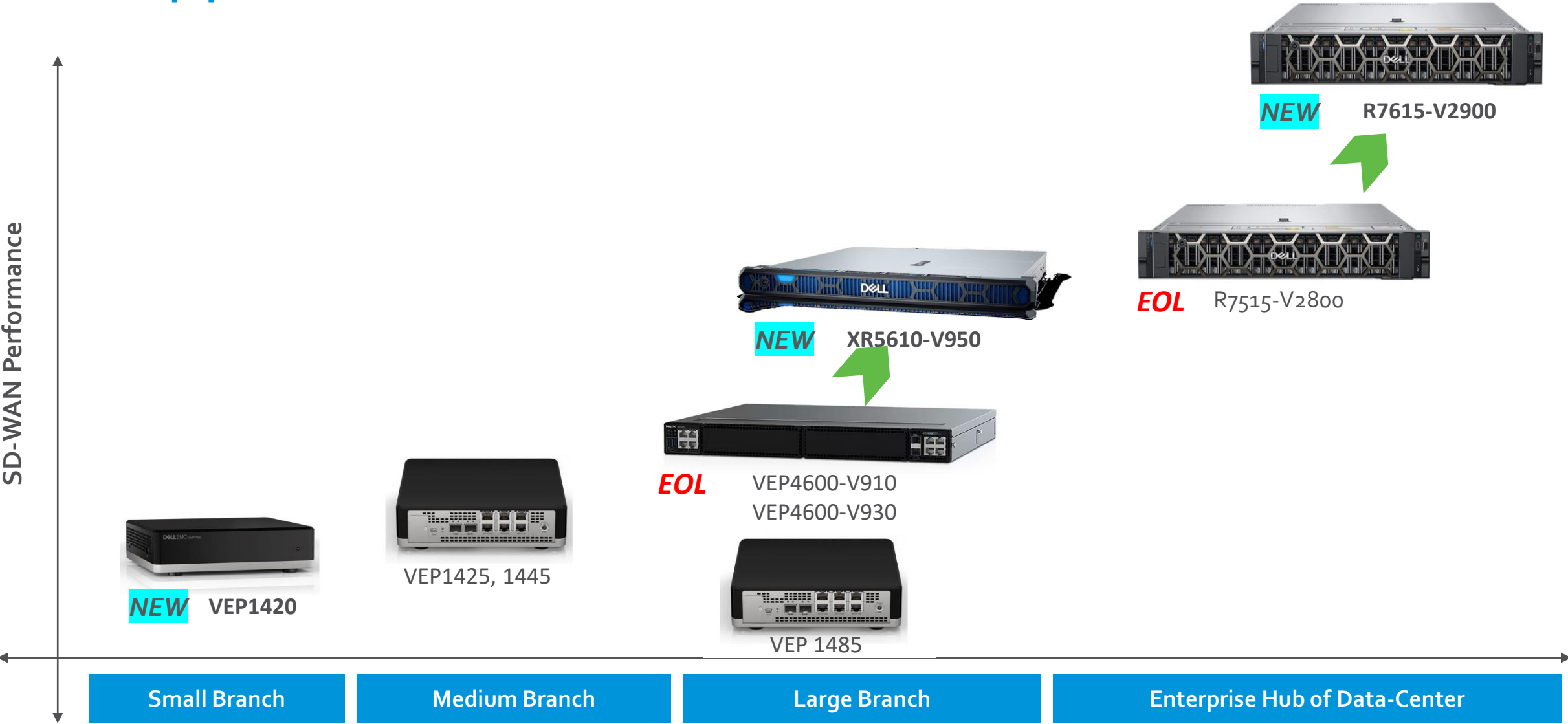
Versatility 2025

VERSA

Dell Appliances

SD-WAN Performance →

NEW R7615-V2900

EOL R7515-V2800

NEW XR5610-V950

EOL VEP4600-V910
VEP4600-V930

NEW VEP1420

VEP1425, 1445

VEP 1485

Small Branch	Medium Branch	Large Branch	Enterprise Hub of Data-Center

SD-LAN

VERSA

AI Networking and it's importance in Campus

- Real Time Data processing

- Centralized Network Management
  - Oversee HW/SW and monitor performance in real time enhancing operational effectiveness

- Proactive AI driven Insights
  - Integration of predictive analytics to identify potential issues before they arise, improving security and minimizing downtime

Versatility 2025

VERSA

Benefits of full lifecycle automation in Campus networks

VERSA

Zero Trust Security in Campus Networks

Versatility 2025

VERSA

Versa Software Defined Network Architecture
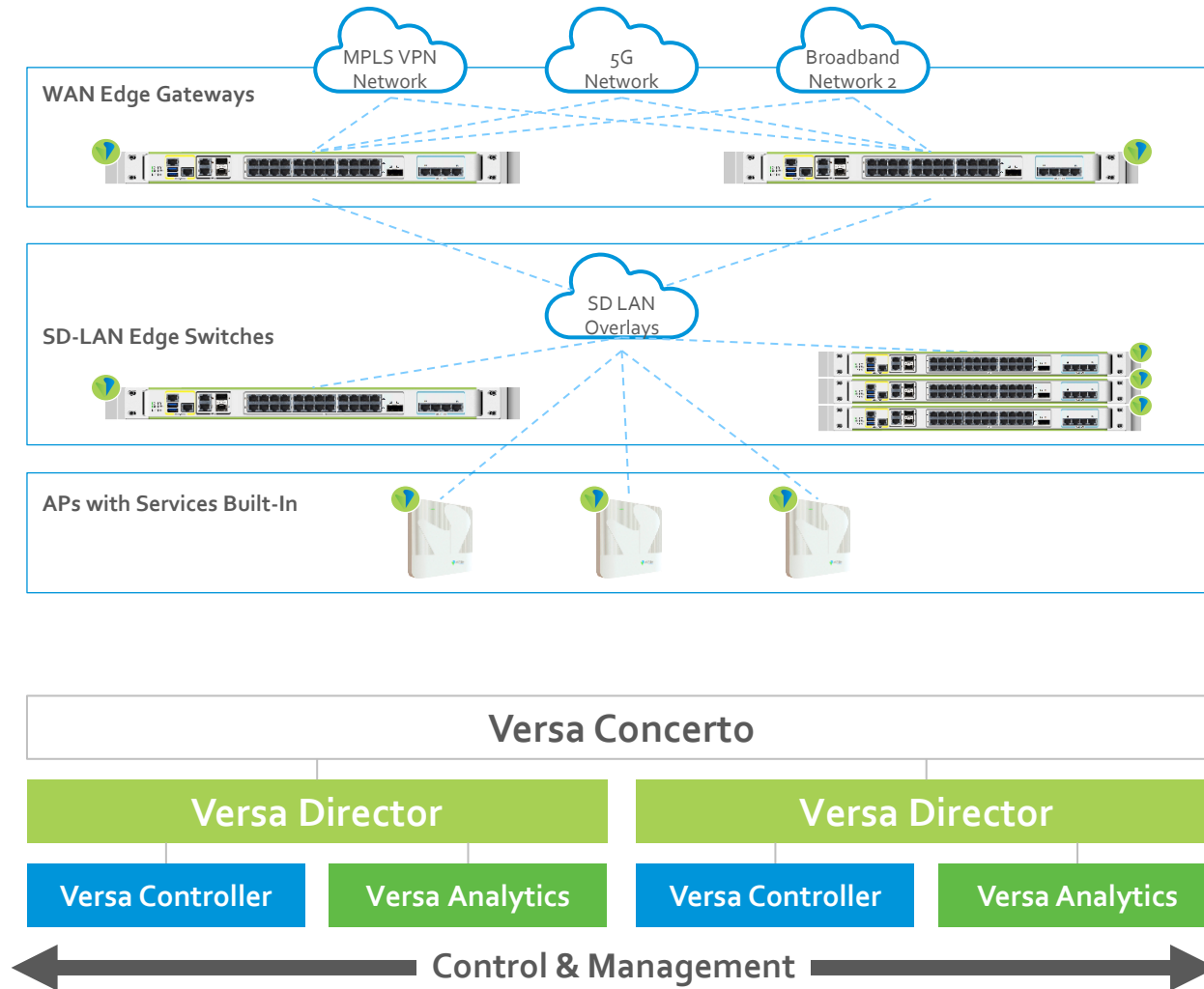
WAN Edge w/Services:
- Best in class SD-WAN, NGFW, UTM, Routing, uCPE with SD-LAN

LAN Edge:
- L2/L3, native full NGFW suite, with built-in Access Control, L4-7 Policy Control with line rate Switching
- SD-LAN Overlays for max flexibility and traffic separation in deployment

Wireless LAN Edge:
- L2/L3, native NGFW, Access Control, Policy Control built-in APs integrated with SD-LAN

- VOS™ across WAN Edge, LAN Edge and Wireless Edge

- Cloud Managed Analytics Stack – Single Pane of Glass

- Unified L4-7 Policy Control across all layers

Diagram labels:
- WAN Edge Gateways
- MPLS VPN Network
- 5G Network
- Broadband Network 2
- SD-LAN Edge Switches
- SD LAN Overlays
- APs with Services Built-In
- Versa Concerto
- Versa Director
- Versa Director
- Versa Controller
- Versa Analytics
- Versa Controller
- Versa Analytics
- Control & Management

Versatility 2025

VERSA

Zero Trust Network for the LAN

Agility and Automation

- Single Plane of Glass

- Keep pace with fast-developing critical requirements for security, agility, and responsiveness

- SD-WAN,
- SD-LAN Switching,
- WLAN AP

ZTNA that follows all users

- Bridging the gap between legacy on-prem LAN solutions Vs Cloud delivered ZTNA

- On-prem ZTNA, micro segmentation

Security on Enterprise LAN Edge

- Malware/ransomware protection

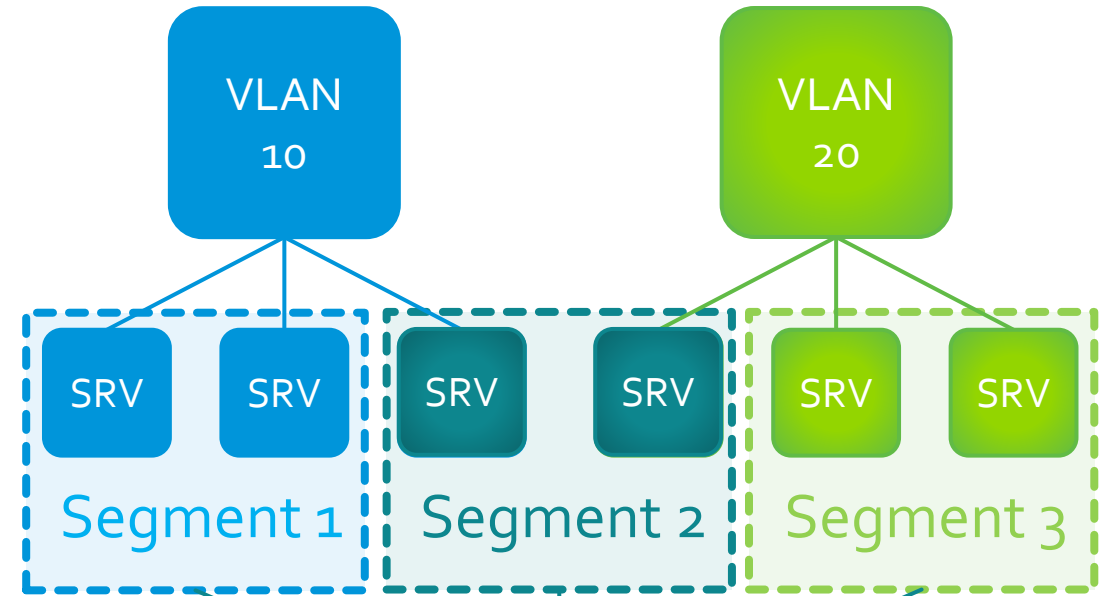- Secure LAN

- E-W traffic protection

Visibility into IoT Devices, BYOD and traffic

- Full visibility into IoT devices

- Manage BYOD device access

- Segment network traffic for optimal performance

- 360 degrees visibility on LAN → UEBA

Versatility 2025

VERSA

Traditional Segmentation vs Micro-Segmentation
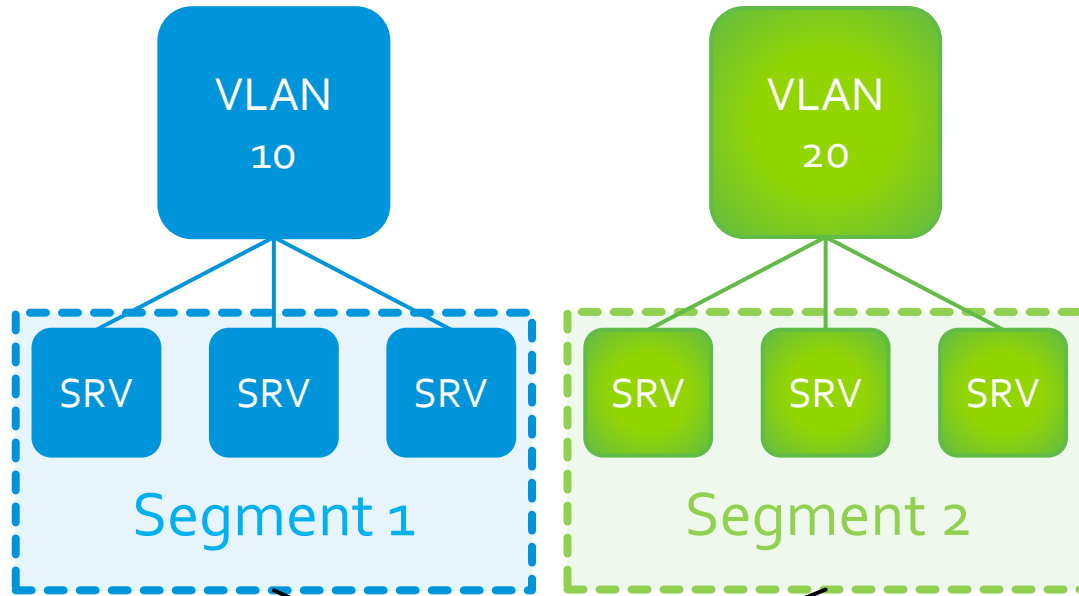
Traditional / Macro Segmentation

Micro-Segmentation

Versatility 2025

VERSA

Legacy Campus: Infection blast radius expansive

WAN

Blast Radius – almost the entire network

LAN

Compromised!
Infected with Malware/Ransomware

Compromised!
Infected with Malware/Ransomware

Versatility 2025

VERSA
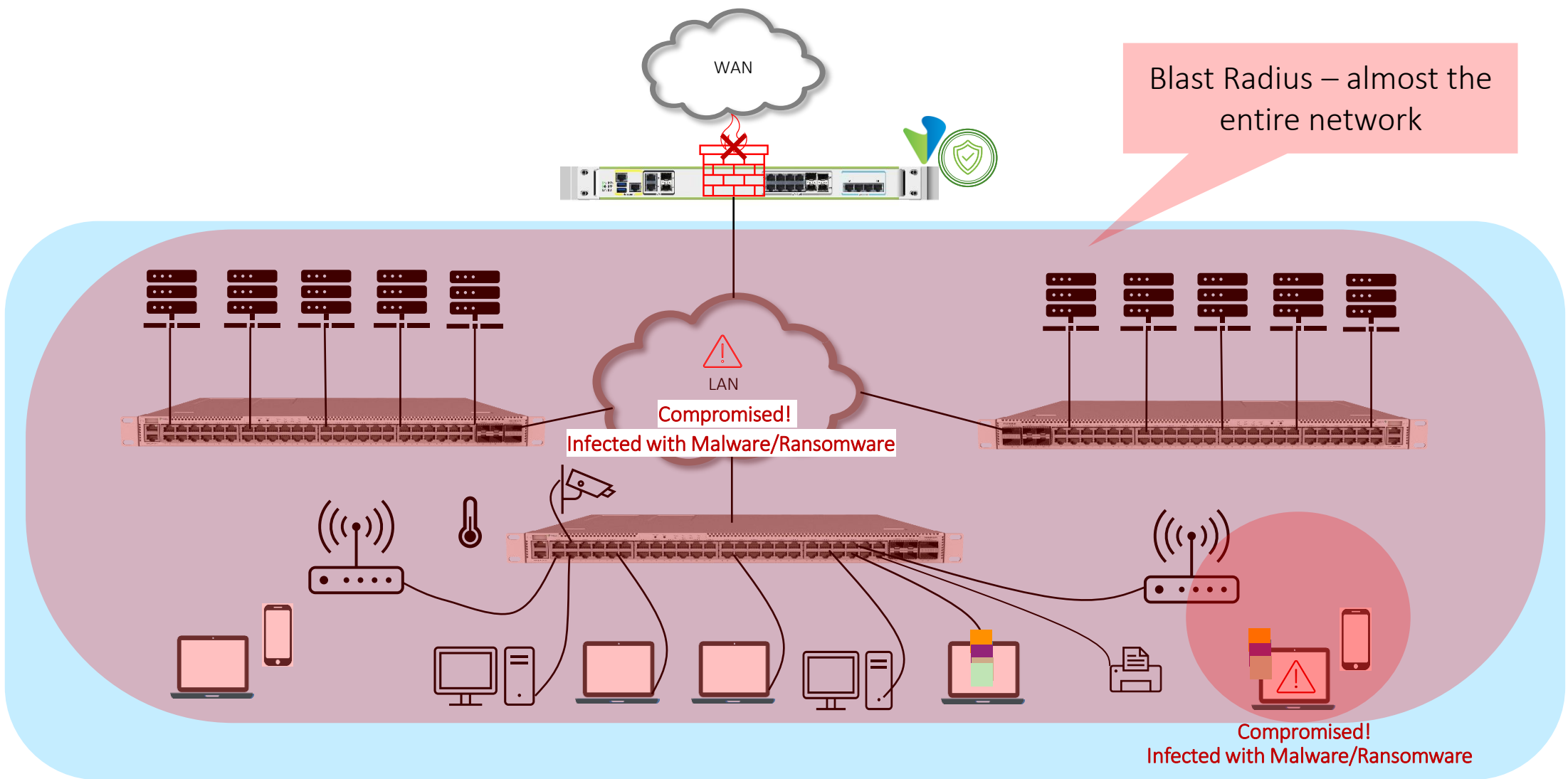
ZT-LAN: Blast radius is limited to the infected host

WAN

Secure Path

Switched Path

Switched Path

Secure Path

- QoS
- Routing
- Decryption Policies
- Secure Web Gateway
- User, Devi Auth.
- NG Firewall
- CASB
- IP, URL, File Filtering
- DLP
- AV, IPS

IPS/IDS → Anti Virus → AI/ML & Sandboxing → Traffic Steering/PBF lookup → CGNAT policies

DLP → File Filtering → IP, URL, DNS Filtering → CASB → ✕ → User/Device Authentication & Posture

QoS Classification/ Policing → Zone and DDoS protection → Routing and Destination Zone lookup → Decryption policies → Secure Web Gateway

Secure Path

Switched Path

Blast Radius – limited to infected host

Suspicious Behaviour

Non-Compliant

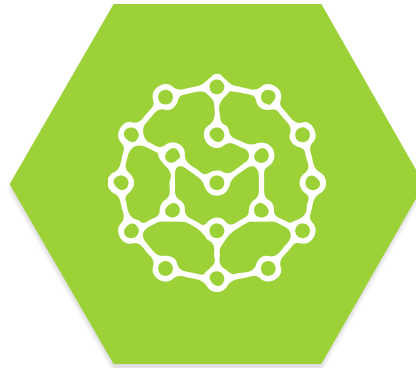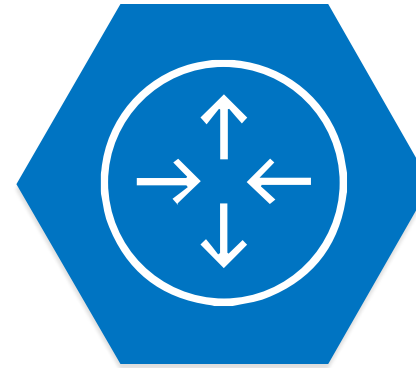Compliant Device + Compliant Entity Behaviour = High Confidence Score

Micro-Segmentation Benefits

Enhanced Visibility
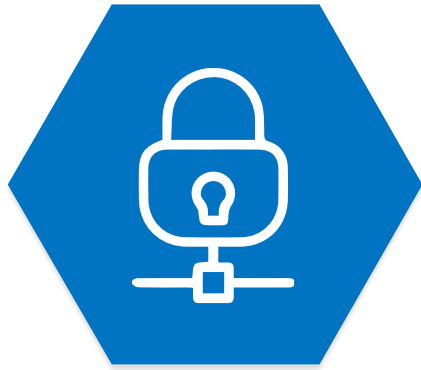
Zero Trust Network

Attack Surface Reduction

Increased East-West and North-South Security

Compliance

Versatility 2025

VERSA

Today's LAN Architecture

1   2   3   4   5   6   7

Management and Control Plane Elements

- -

Data Plane Elements

WAN Edge Routers

WLAN AP PEF

IoT Server

RADIUS

Aggregation / Core Switches — Firewall Appliance

Access Switches

WLAN APs

Client Apps
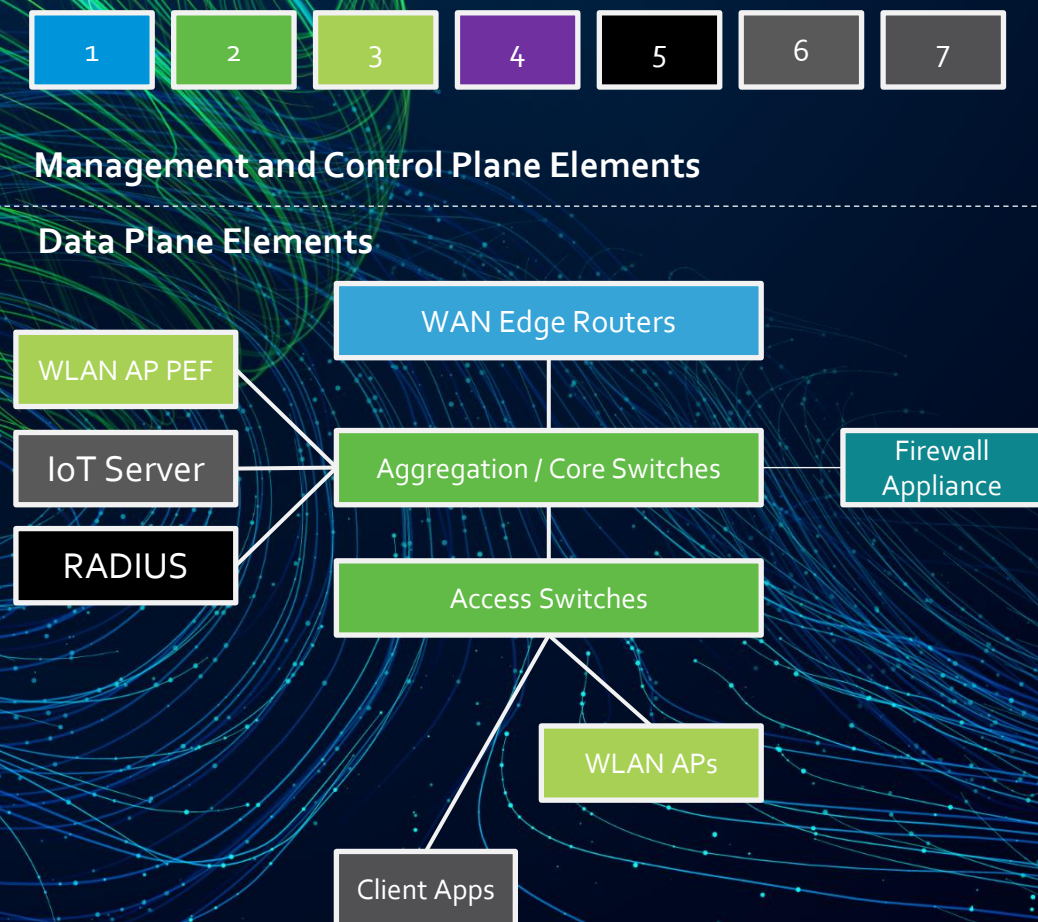
- Fragmented approach to switching, routing, security and network services

- Multiple panes of views for visibility across the LAN

- Security is an afterthought for Enterprise LAN, no ZTNA

- Hardware centric, low or no agility

- Complex

Expensive. Spiraling costs with multiple vendors and multiple products with niche technologies

Versatility 2025

VERSA

Why modernize the LAN?

	Current LAN	Modernized LAN
Product Architecture	HD-LAN	Software Defined-LAN
Deployment Approach	Manual/CLI/Scripts	Zero Touch Provisioning
Visibility & Control	L2/L3	User/Device/Application
Segmentation	VLAN based With Adjunct Firewall	Built-in Micro-segmentation
Secure Overlays	Vendor-driven proprietary technologies	VXLAN, within LAN, LAN to WAN, LAN to WAN to DC
Lifecycle Management	Complex (Manual)	Simple (Automated)

Versatility 2025

VERSA

Enterprise wiring closet : Legacy to New

WLAN AP
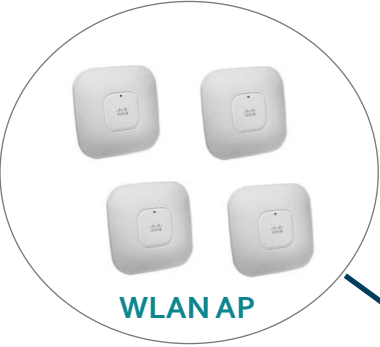
2 x Comp A Firewalls

1 x SDWAN

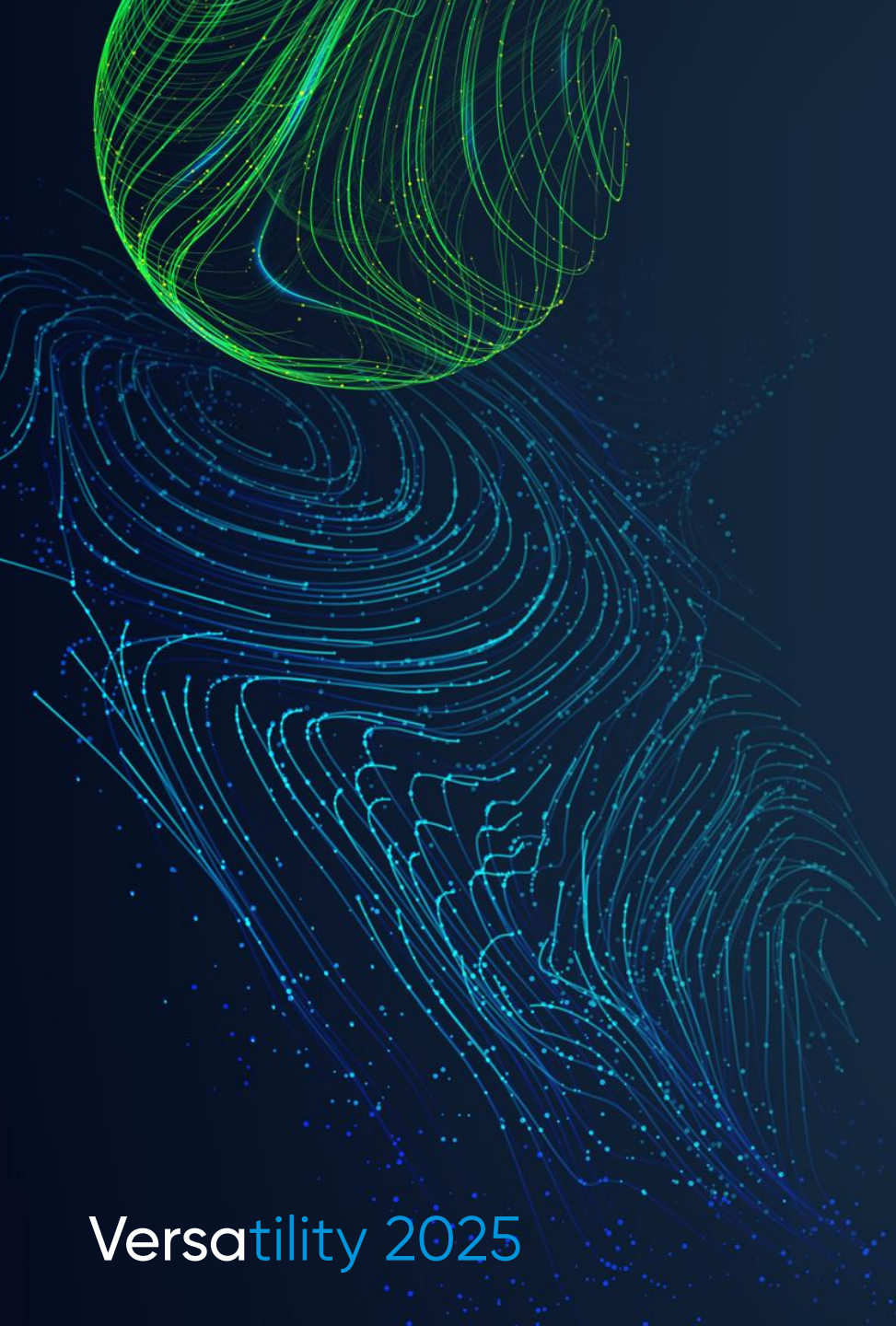2 x Comp A/B Controller

2 x Comp C Switches

WLAN AP
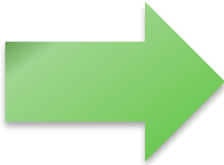
2 X Versa Networks

- ✓ SDWAN
- ✓ Firewall
- ✓ WLAN Cloud Controller
- ✓ POE+ Switch

- ✓ Less Power
- ✓ Less Space
- ✓ Unified Management
- ✓ More efficient
- ✓ More secure
- ✓ Scalable

Versatility 2025

VERSA

CSX Platforms

Versatility 2025

VERSA

CSX: SD-LAN Switches

Performance

CSX8500

CSX 4500

CSX4300

CSG8300

Roadmap: CSX2300

Roadmap: CSX2200

Enterprise Access	Enterprise Access	Enterprise Aggregation	Enterprise / DC Core
DC OOB Mgmt	DC OOB Mgmt	DC TOR	
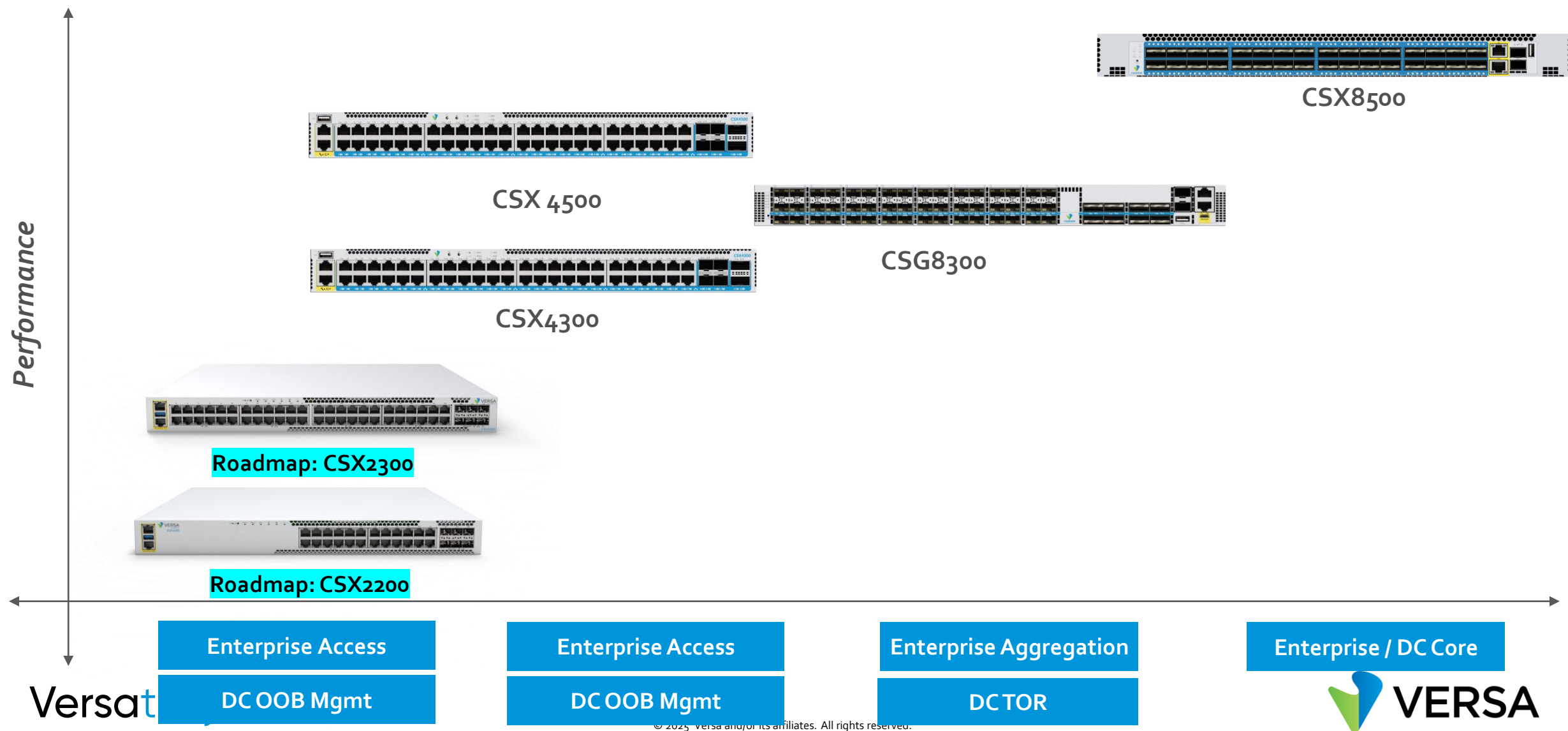
Versa

VERSA

VERSA CSX 4K EDGE Access SWITCHES

CSX4300

48 1000T POE+ PORTS

4 10/25GB PORTS

2 100GB PORTS

CSX4500

36 x 1/2.5G POE+ + 12 x 10G MULTIGIG POE+ PORTS

4 10/25GB PORTS

2 100GB PORTS

Versatility 2025

29
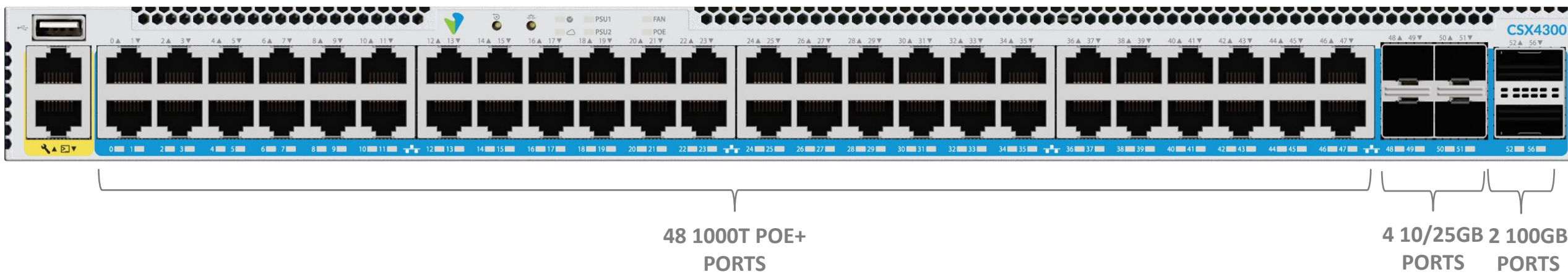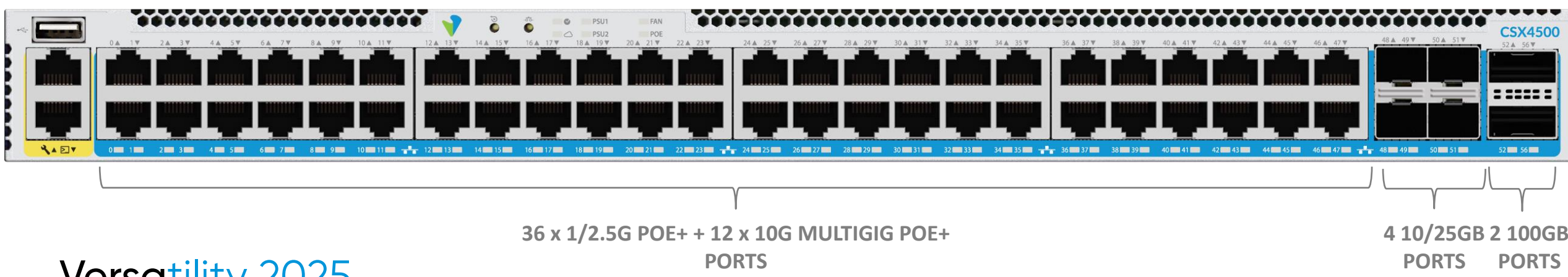
VERSA CSX8K AGGREGATION AND CORE SWITCHES

CSX8300

48 10/25GB
PORTS

8 100GB
PORTS

CSX8500

32 100GB PORTS

Versatility 2025

30
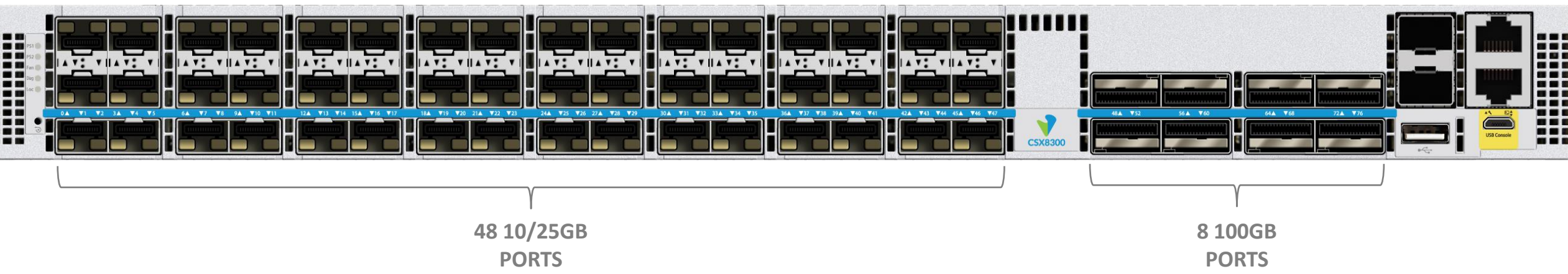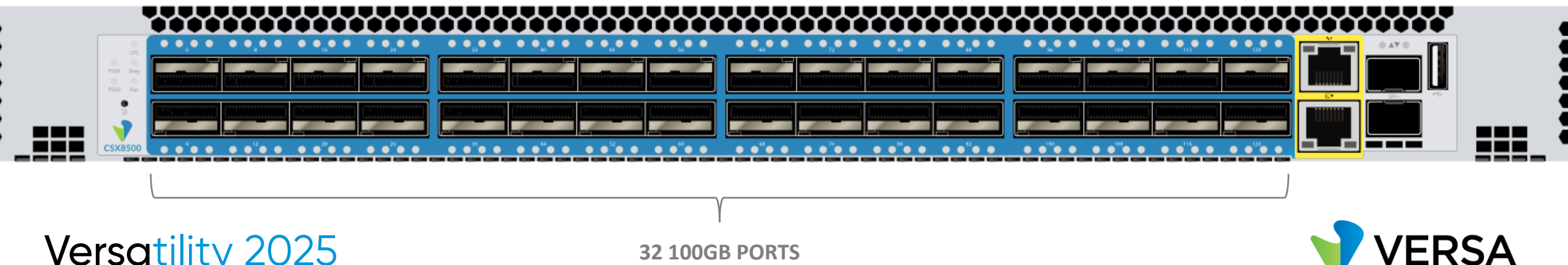
VERSA

CSX2000 Series

CSX2200

24X 1GE 90W POE + 6X 10GE

CSX2300

48X 1GE 90W POE + 6X 10GE

CSX2500

24X 2.5/1GE 90W POE + 24X 1GE 90W POE + 6X 25/10GE

Versatility 2025

VERSA

CSW: SD-WLAN APs

Roadmap

Roadmap

Roadmap

Roadmap

Performance

CSGs shipping

Outdoor:
CSW 74b: WiFi7 4x4

Indoor : CSW74
WiFi7 4x4

Indoor : CSW72
WiFi7 2x2

WiFi6 Module

WiFi5 Module

| Embedded WLAN APs | Mid-market, SME/SMB | Enterprise grade | Outdoor |
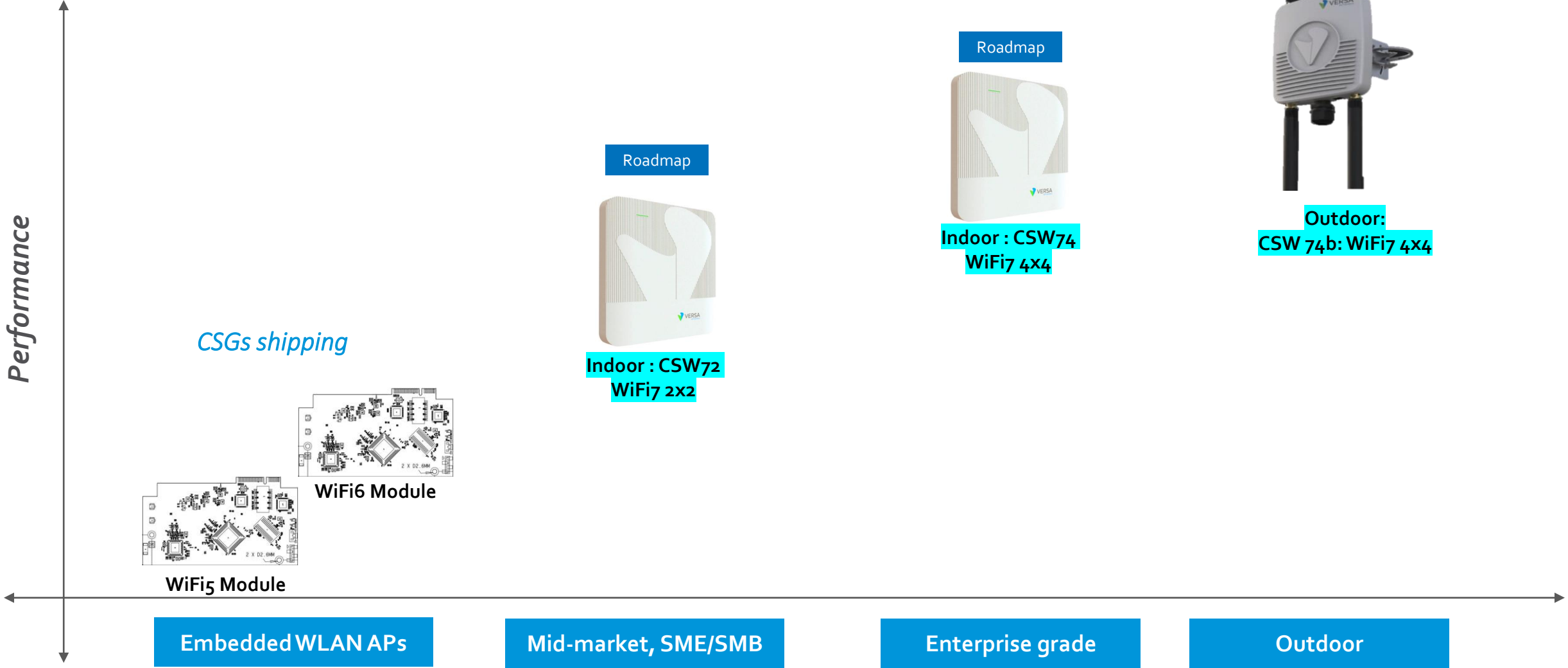
Versatility 2025

VERSA

CSW74: Enterprise Grade WIFI 7 Access Point

- Available Indoor and Outdoor versions
- Tri-radio WIFI 7: 2.4, 5 and 6 Ghz
- Dedicated Scanning radio for Wireless Intrusion Prevention and Spectrum analysis
- BLE/Zigbee for Location and IOT usecases
- Integrated with SD-LAN
- AI-RRM for optimal User Experience
- AIops for automated operations

Versatility 2025

VERSA

Security Service Edge Products

Zero Trust Network Access (ZTNA)
Cloud Access Security Broker (CASB)
Secure Web Gateway (SWG)
Firewall as a Service (FWaaS)
Data Loss Prevention (DLP)
Remote Browser Isolation (RBI)
Identity Broker
Digital Experience Monitoring (DEM)
Advanced Threat Protection (ATP)

Unified SASE Products

Unified SASE
Private SASE
Sovereign SASE
SASE-on-SIM
Global Private Fabric
Digital Experience Monitoring (DEM)

Secure SD-WAN Products

SD-WAN
Routing
NGFW
SD-WAN for Lean IT
Appliance Hardware
Digital Experience Monitoring (DEM)

Advanced Security Products

NGFW
IoT Security
OT Security
IPS/IDS
Advanced Threat Protection (ATP)
UEBA
GenAI Firewall
AI for Security
ZTNA on-premises
Advanced security perimeter for LAN

Secure SD-LAN Products

SD-LAN
Routing
Switching
Appliance Hardware
Digital Experience Monitoring (DEM)
ZTNA on-premises
Advanced perimeter security for LAN

Any User
AI Security
Any Device
AI Networking
Unified Policy
Any App
Unified Data Lake
Any Location
Unified Console
Unified OS
Any Workload

VersaONE

Artificial Intelligence
Zero Trust
Scalable multi-plane architecture

High availability
API
Agent / Agentless
Observability
Multi-tenancy

Real-time message bus
Traffic Engineered Fabric
Automation
Appliances (L2/L3/L4-L7)

INTEGRATIONS

• Identity Providers
• EPP / EDR
• MDM
• Threat Intelligence

INTEGRATIONS

• SSE / SD-WAN
• Multi-Cloud
• Security Analytics
• Network Monitoring/Mgmt
• Automation
• Service Desk

Thank you

Versatility 2025

VERSA