



inetum.

Wiki Webinar

SASE: veilig connecteren in het
cloudtijdperk



Praktische afspraken

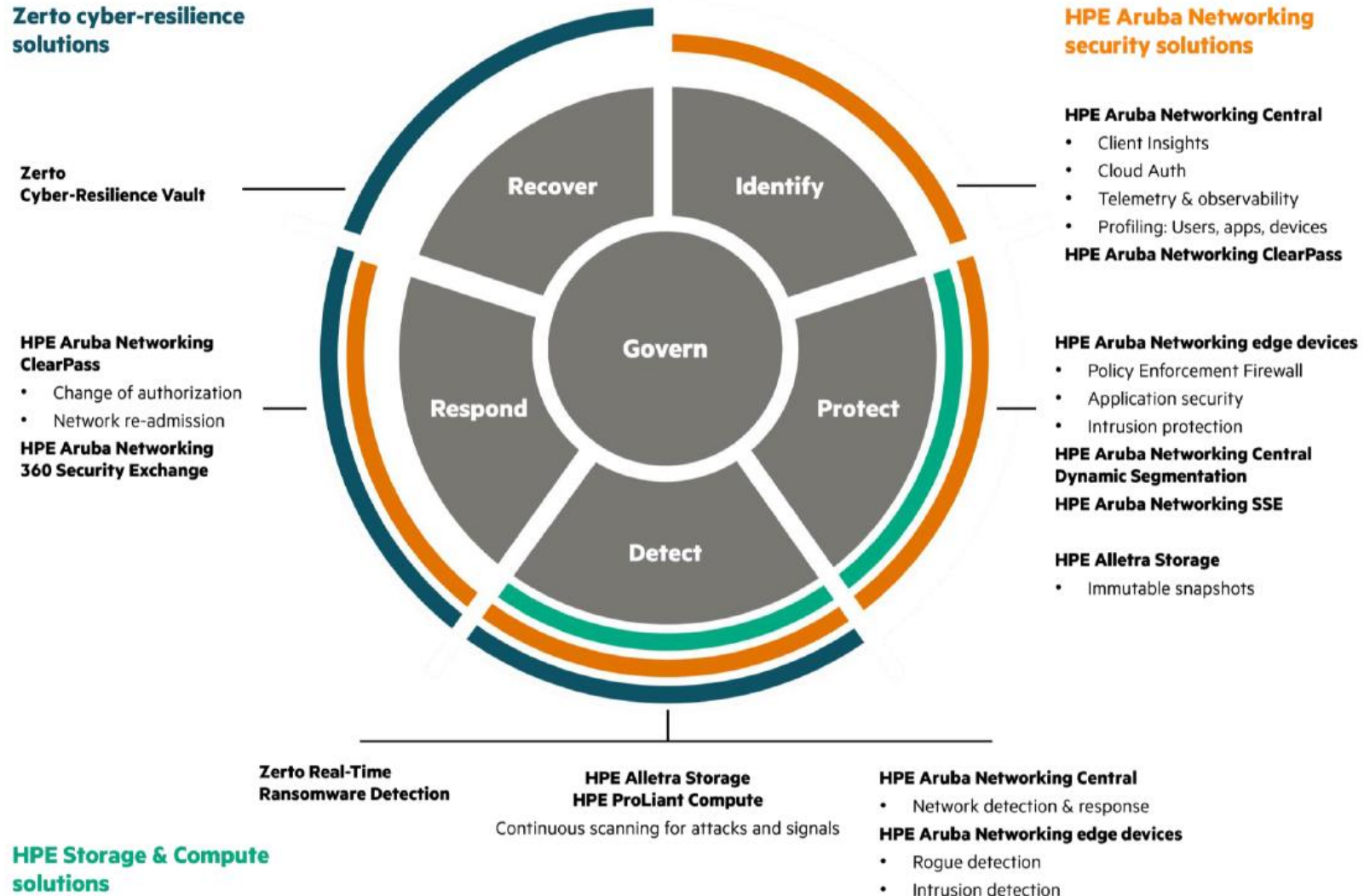
- 1 Vragen via questions
- 2 Iedereen op mute
- 3 Evaluatie met link naar presentaties worden bezorgd

Trust is good, Verification is better

Andy Van Wichelen – Technical Expert Inetum
Farouk – HPE Channel Security Lead HPE

12 Juni, 2025

Comprehensive ransomware protection from HPE



MODERNIZE SECURE CONNECTIVITY WITH A ZERO TRUST FRAMEWORK

Deliver comprehensive zero trust principles across users, devices, applications, data, and networks

Zero Trust Framework



Users



Devices



Applications



Data



Networks

HPE Aruba Networking SSE

HPE Aruba Networking SD WAN EdgeConnect

HPE Aruba Networking Data Center Segmentation

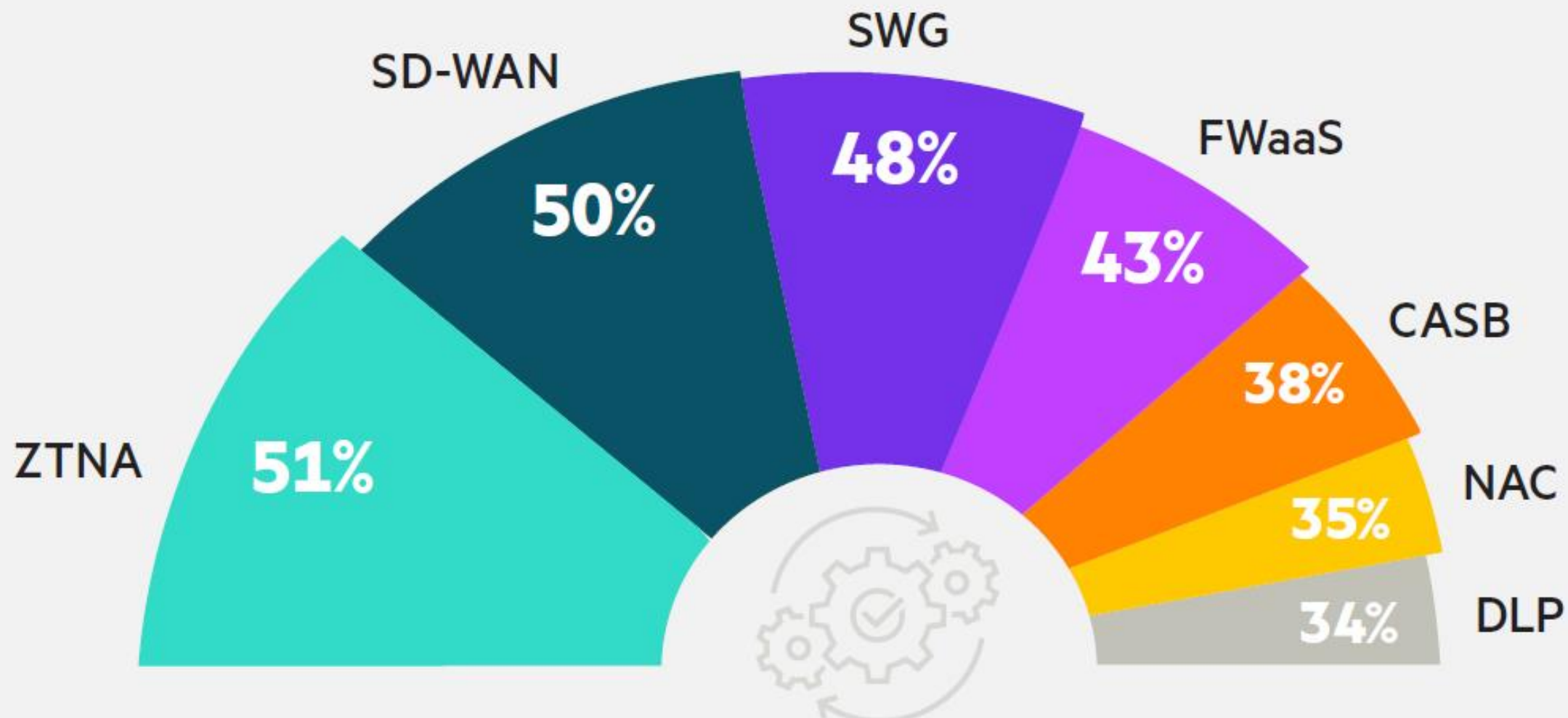
HPE Aruba Networking ClearPass

HPE Aruba Networking Central

HPE Zerto



Which components of SASE has your organization implemented or plans to implement?



Source : 2025 SSE adoption report – Cybersecurity Insiders

The key challenges to solve

Dissolving secure perimeter



Airport



Home

Users connect from anywhere, not just the corporate perimeter.

Remote users, contractors, or HVAC

ZTNA

51%

Secure data now in the cloud



CASB

38%

Download data in or unsanctioned to shadow IT data breaches
SalesForce

Advanced threats prey on legacy infrastructure

Modern Cybersecurity Threats



Sophisticated attacks target remote users & network endpoints



Ransomware, malware, & phishing exploit legacy architectures



Security posture is inconsistent for users on vs. off network



Legacy Security Limitations



Traditional VPNs invite unnecessary risk & hinder user experience



Legacy network-centric security exposes a broad attack surface



Enabling access while protecting users & networks is difficult and brittle



THE COST OF NOT MODERNIZING AGAINST THREATS: PRICELESS

\$2.87B

**Most costly data breach
in 2024** *(Change Healthcare)*

194 Days

**Average amount of time it
takes to detect a breach.**

64 Days

**Average amount of time it
takes to remediate a breach.**

Source: 10 Biggest Cyber Attacks of 2024 | CM Alliance
Source: Cost of a data breach report 2024, IBM Security
[Check out the HPE 2025 SSE Adoption report](#)

AND TOO MANY HAVE ORGANIZATIONS HAVE PAID THE PRICE



Prominent Data Security Company

Legacy VPN breached in attack, gaining network access and exposing sensitive data



Leading Pipeline Operator

Ransomware attack caused fuel pipeline shutdown, shutting down operations for days



Global Consumer Credit Agency

Unpatched vulnerability & lack of segmentation resulted in breach of network via an exposed web portal.

Cyberaanvallen en trends – Ask Copilot and ChatGPT ...

Trend Summary for Belgium

Sector with the most attacks: Healthcare and Industry

Rapidly increasing threat: Ransomware targeting small and medium-sized enterprises (SMEs)

Average attacks per week:

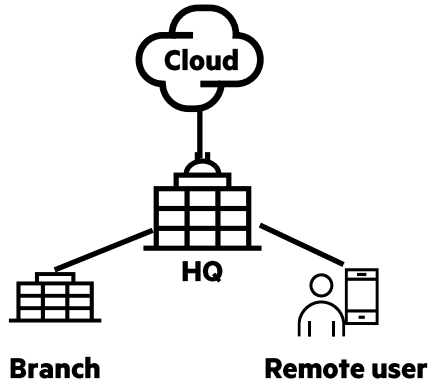
- Businesses: 1,231/week
- Healthcare: 2,263/week

Most common attack techniques:

- Remote Code Execution (65%)
- Phishing
- Malware (e.g., AndroxGh0st, FakeUpdates)
- DDoS
- Insider Threats
- IoT Based Attacks
- ...



Why legacy networks fail to support zero trust



Corporate data center as the central hub

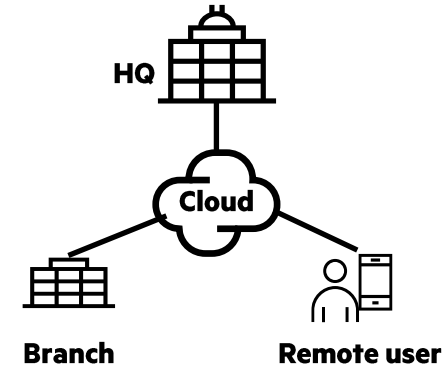
Legacy architecture

Implicit trust within the network

Broad access to all resources

Flat, segmented architecture

Firewall-based perimeter defense



Users and devices connect from anywhere to the cloud

Cloud-centric, zero trust architecture

Continuous authentication and verification

Granular, identity-based control

Micro-segmentation to limit movement

Cloud-first security enforcing least-privilege



Zero trust: a new security paradigm

Never trust Always verify

- Access is granted based on identity, context and continuous verification

Least privilege access

- Users and devices only get access to what they need, reducing attack surface

Micro segmentation

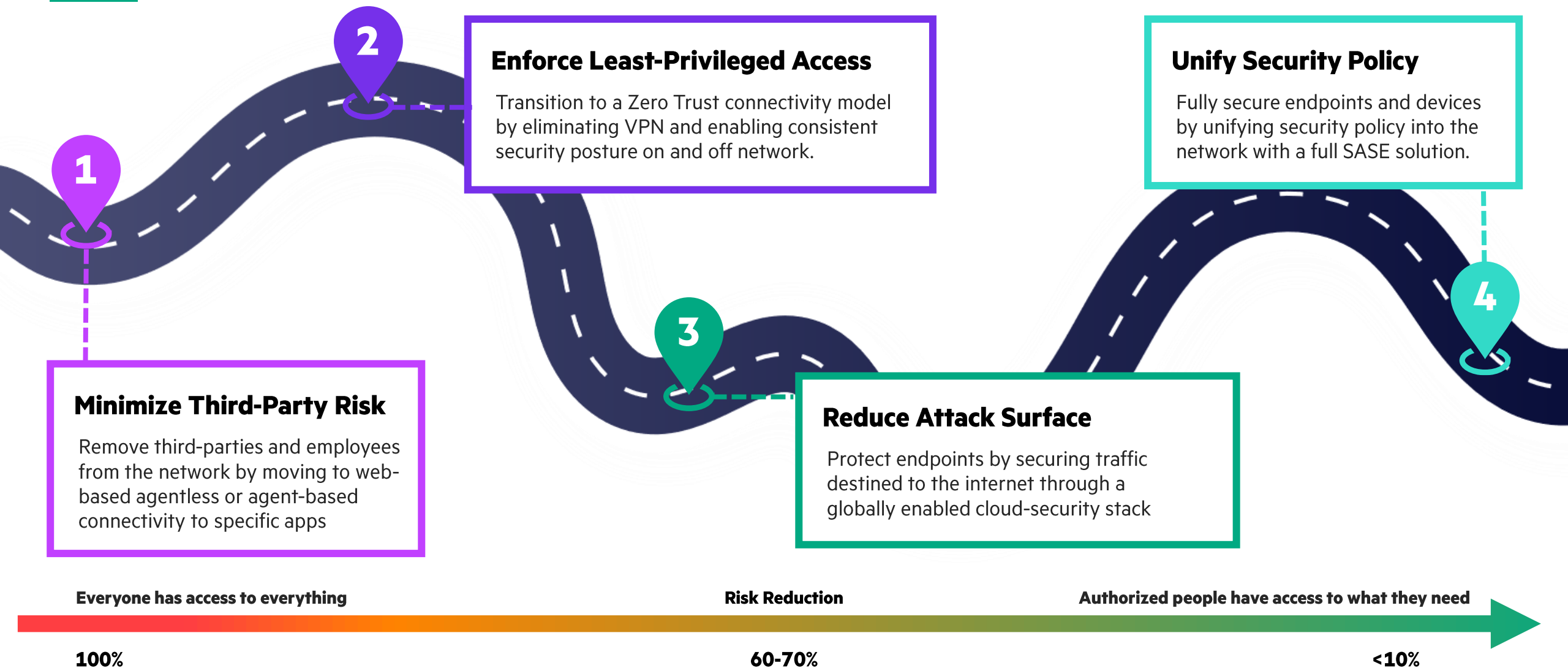
- Prevents lateral movements, limiting potential breach

Universal

- Consistently enforce zero trust anywhere on any device (managed, unmanaged, IoT)



GO ON A ZERO TRUST JOURNEY WITH HPE ARUBA NETWORKING



2025 SSE Adoption Report



Explore the latest trends in Secure Service Edge (SSE) with the 2025 SSE Adoption Report. This third annual report, draws insights from 713 IT and cybersecurity leaders, delves into the challenges, opportunities, and expert recommendations to enhance your SSE strategy.

62% view SASE as essential for their security strategy

61% prefer a single-vendor SASE model

79% plan to adopt SSE in the next 2 years

~1/2 will begin SSE adoption with ZTNA



Transforming secure business access with HPE Aruba Networking SSE

Zero Trust Network Access (ZTNA)

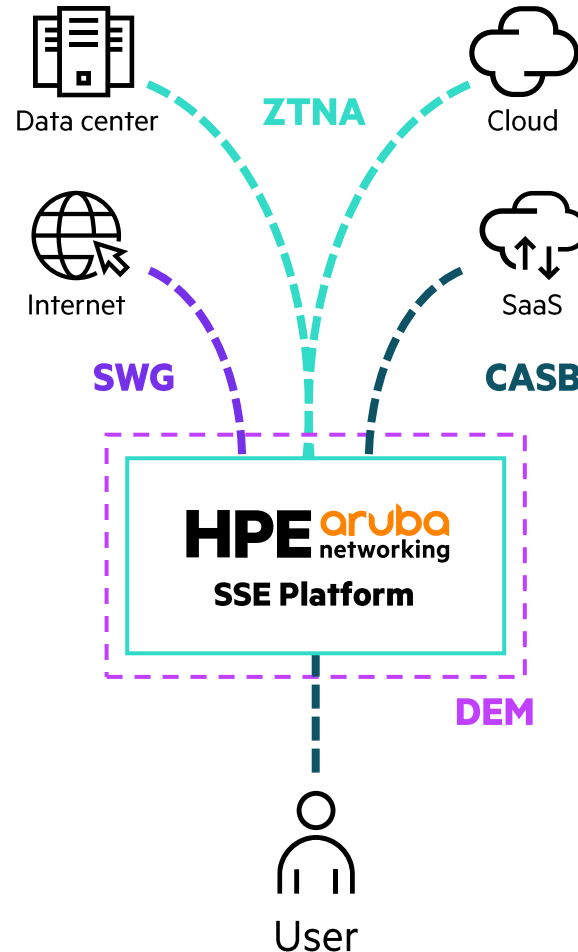
Secure access to private applications in the data center or cloud enforcing zero trust principles.

*Secure third-party access,
VPN/VDI replacement, Accelerated M&A*

Secure Web Gateway (SWG)

Secure access to the Internet and protect against malicious online threats.

*URL filtering gambling/malware sites,
DNS control, SSL inspection for malware*



Cloud Access Security Broker (CASB)

Secure access to SaaS applications and protect against data loss.

*Control block upload/download from Box,
Sharepoint, Facebook, Salesforce*

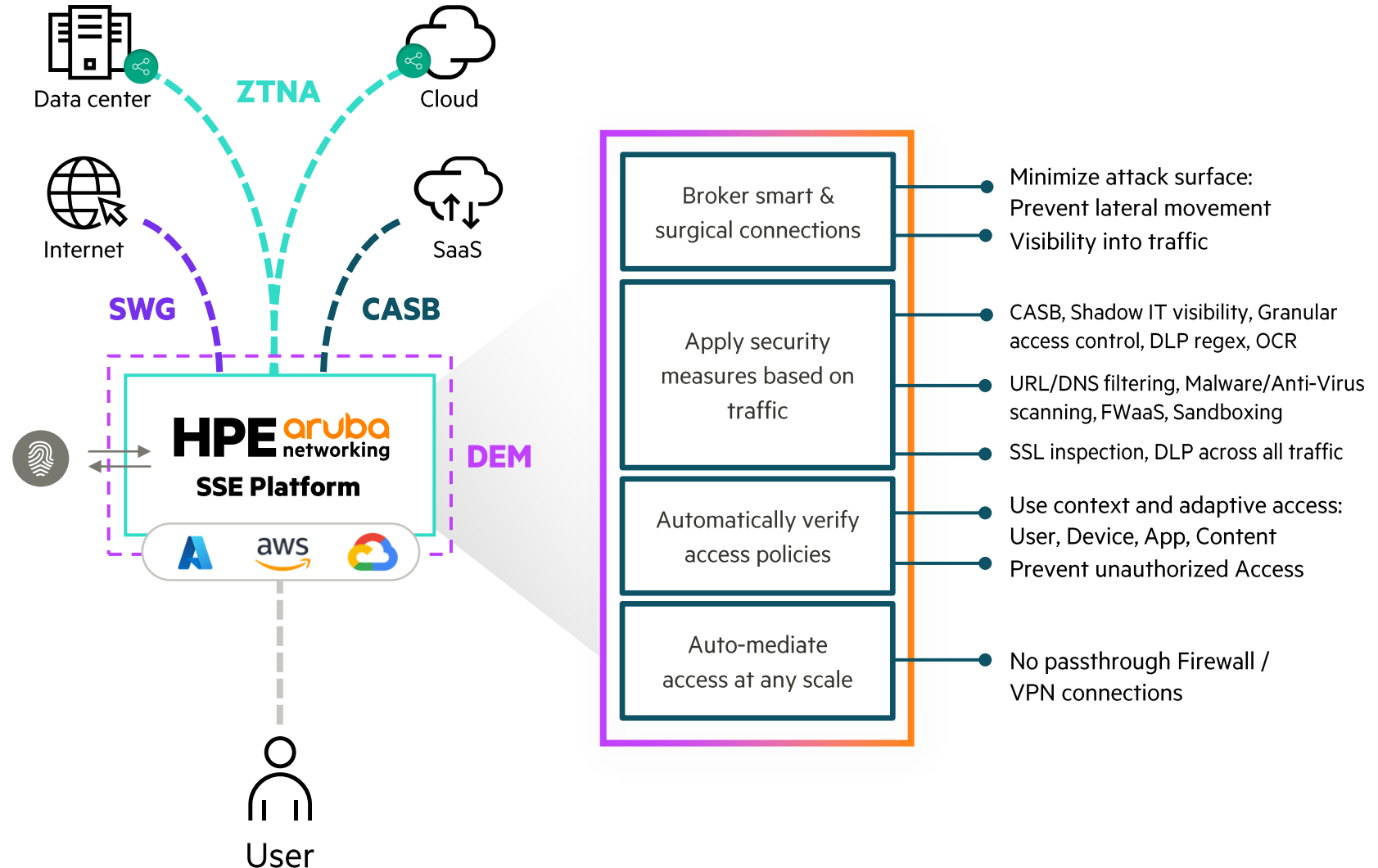
Digital Experience Monitoring (DEM)

Monitor digital experience and troubleshoot user access issues for all traffic.

Network ops for private & public traffic

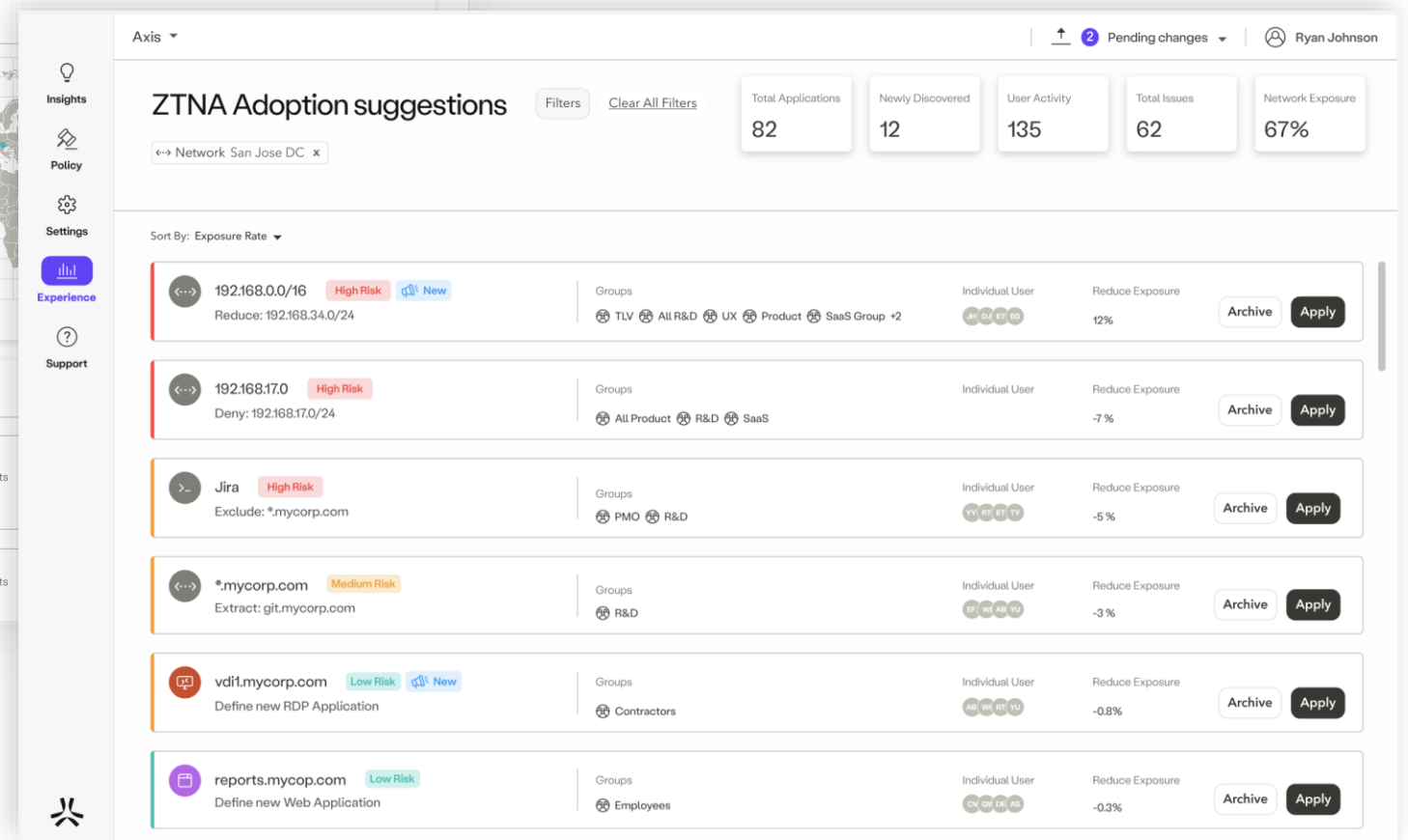
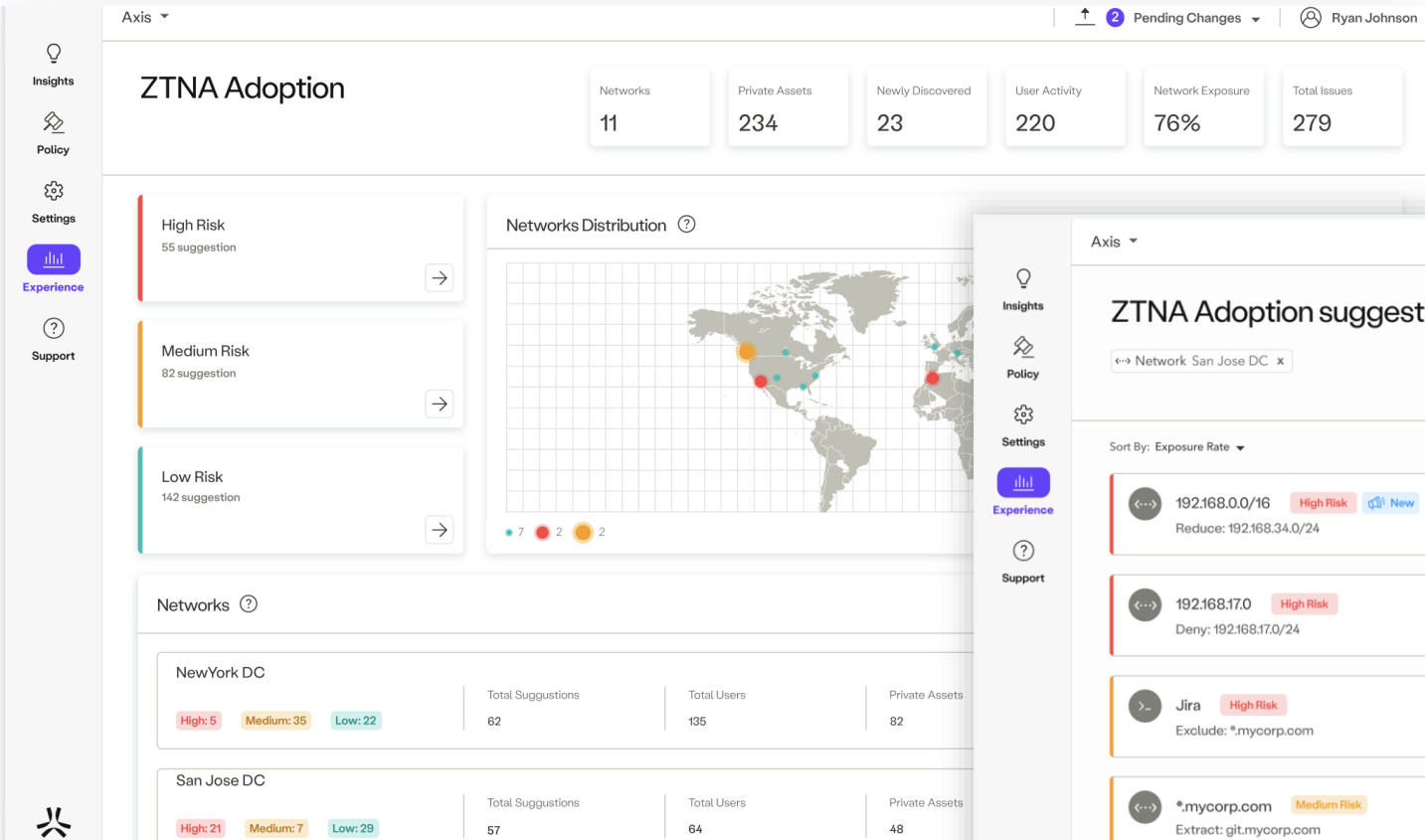
HPE Aruba Networking SSE in action

- 1 User requests access**
Agent or agentless access with automatic end-point security profiling
- 2 SSE mediates request**
Auto-routes traffic to closest of 500 global edge locations
- 3 User is identified and authenticated**
Process traffic for access authorization and Identity + MFA verification
(Support of multiple IDPs)
- 4 Policies are enforced and security measures applied**
Access is brokered through 1:1 connections, securing every connection
- 5 Policy is continuously inspected,**
adapting access as needed, enforcing security, and monitoring user performance



Advanced SSE dashboards: Get recommendation for ZTNA adoption

Analyze exposure risks and provide recommendation for ZTNA



MODERNIZE SECURE CONNECTIVITY WITH UNIFIED SASE

Deliver comprehensive zero trust principles across users, devices, applications, data, and networks

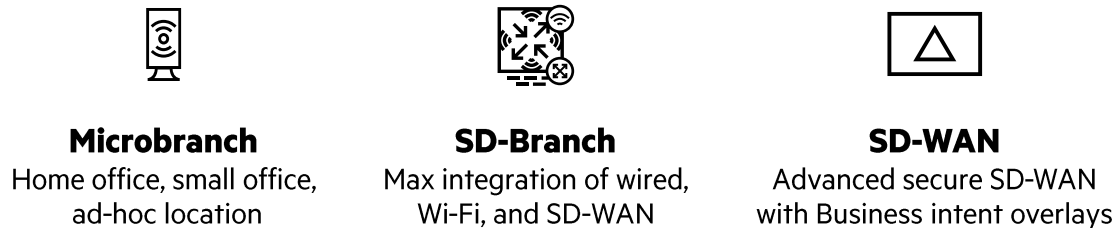
Users & Things



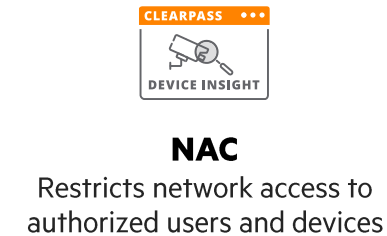
HPE Aruba Networking SSE



EdgeConnect SD-WAN



ClearPass



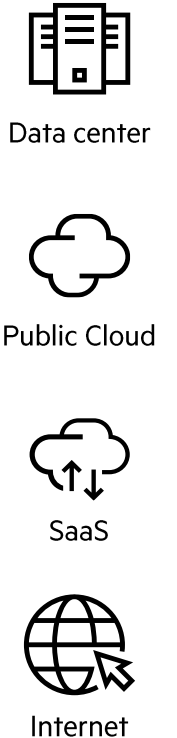
CX Switching



Wireless



Apps & Data



The background is a complex, abstract composition of overlapping, semi-transparent geometric shapes, primarily cubes and rectangular prisms, in various shades of purple, blue, and magenta. These shapes are arranged to create a sense of depth and perspective, resembling a futuristic cityscape or a complex architectural structure. In the center of the image, there is a glowing, rectangular portal or frame that emits a bright, warm light, contrasting with the cooler tones of the background. The overall effect is one of mystery and technological sophistication.

Next Steps

How Inetum can help

At Inetum we understand the importance of cybersecurity and the need to comply with regulatory frameworks such as NIS2

We provide tools and guidance to help you meet the minimum measures required by NIS2, such as risk assessments, security procedures, and incident response plans

Our team of cybersecurity experts can work with you to assess your current security posture and develop a customized security plan that meets your specific needs

You can have peace of mind knowing that your systems and data are protected by industry-leading security solutions.

CYBERSECURITY ACCELERATOR PROGRAM



Identify & Inspire

Audit & Assessment
Ethical hacking
Roadmap
Proof of Concept

Protect & Integrate

Zero Trust implementation

- Identities
- Devices
- Data
- Applications
- Networks & Infrastructure

Detect & Operate

Managed Security Services
Vulnerability Management
MDR Services

Respond & Optimize

Incident Response
Governance
CISO as a Service
User Awareness



Contacteer
ons via

- info@inetum-realdolmen.world
- Uw vertrouwde contactpersoon bij Inetum



Thank You

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