

Ciberseguridad **SASE** para alineamiento con la Directiva NIS2

Miguel Rojo
Systems Engineer - SASE




Today's Common Challenge

Business Happening, Everywhere

People & Things

- Home
- Office
- Restaurant
- Sensors
- Cameras
- POS
- Machines
- BYOD

Applications

- SaaS   Microsoft 365     
- IaaS/PaaS    
- Hybrid: staying on-prem in the DC

Connectivity

- Broadband
- FTTH
- Satellite
- Cellular
- MPLS



Users think security hinders performance, innovation and productivity

3/4

Business is Throttled

68%

Business leaders feel their security exposure is increasing

Business is at Greater Risk



National Cyber Strategy/ EO14028



EU NIS 2



EU DORA

Improve security architecture with Zero Trust & MFA

3

Risk management and ownership

2

Incident reporting guidelines

Threat intelligence sharing

Secure supply chain

1

Resilience testing/recovery planning



Activating Zero Trust principles intrinsically across all networking

Zero-trust security is a framework built around the concept of least-privileged access, in which no user or application should be inherently trusted.

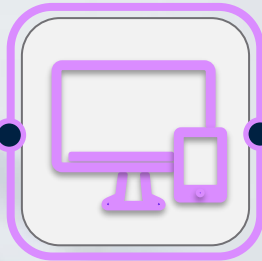
Identity Trust



Who are you?

- Employee
- Partner
- Guest
- Contractor
- Active Directory
- IdP
- Conditional Access
- Scoring

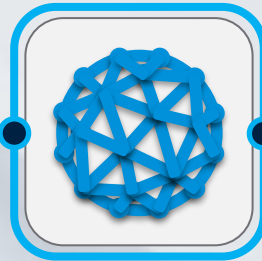
Device Trust



Can we trust the device?

- Desktop
- Mobile
- IoT
- Managed
- BYOD
- Posture
- UEBA
- Compliance
- MFA
- Authentication
- Inventory

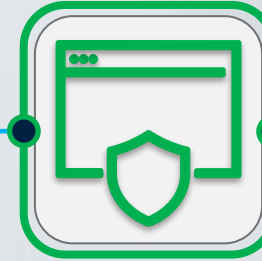
Transport Trust



Is connection secure?

- Attack Surface
- Perimeter
- WAN
- ZTNA
- SSL
- IPSEC
- GRE
- TLS
- Segmentation
- Observability

Application Trust



Where are you going?

- Internal
- External
- SaaS
- DC
- Internet
- Sanctioned
- Behavior
- Single Sign-On
- Unexpected Access
- Isolation

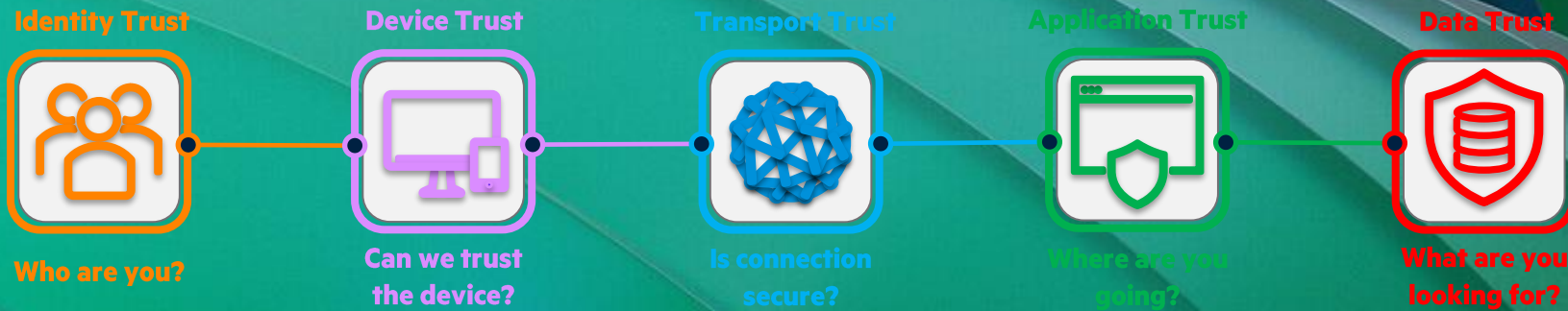
Data Trust



What are you looking for?

- Protecting Data at Rest
- Classification
- Processing
- Storage
- Integrity
- Privacy
- CASB
- DLP
- Resiliency

Zero Trust Security



Zero Trust Security



HPE Aruba Infrastructure Security, ClearPass Network Access Control & NetConductor

- AI-powered client visibility & profiling
- Dynamic Segmentation
- Continuous Monitoring



HPE SD-WAN

- Secure SD-WAN
- Multi-cloud
- Improved QoE



HPE SSE

- Agent/Agentless ZTNA
- Unified policy management
- Global PoPs

Zero Trust principles cannot be applied to islands of innovation. **A holistic approach is mandatory**

SDWAN

- ✓ Virtual Overlay Architecture (BIOs)
- ✓ Per Packet Traffic Management
- ✓ Path Conditioning
- ✓ High Scalability & Resiliency
- ✓ Cloud Native Integration (IaaS/PaaS)
- ✓ SaaS Performance Enhancement
- ✓ Real Time Visibility
- ✓ Advanced Routing (BGP, OSPF)
- ✓ ZTP

Security

- ✓ Certified Stateful Firewall (L3-L7)
- ✓ DDoS defense
- ✓ Zero Trust Segmentation
- ✓ VRF Segmentation
- ✓ Automated SSE Orchestration

Add-On

- ✓ WAN Optimization
- ✓ Dynamic Threat Defense
- ✓ Multitenant Orchestrator
- ✓ On-prem Airgap Solution

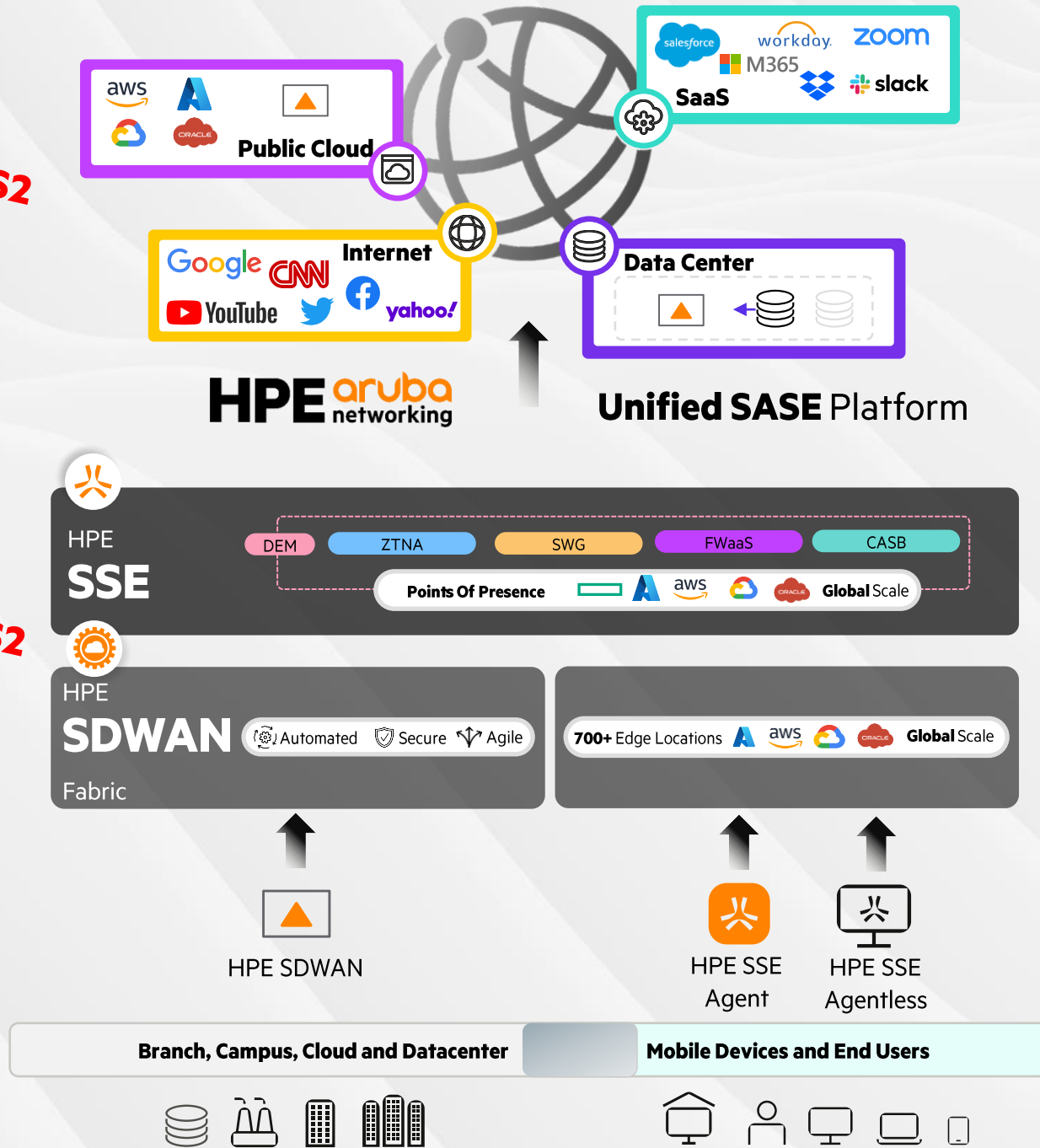
«« NIS2

«« NIS2

«« NIS2

«« NIS2

«« NIS2



Private Data

- ✓ Zero Trust Network Access
- ✓ Agentless
- ✓ Discovery

«« NIS2

External Data

- ✓ FWaaS
- ✓ Secure Web Gateway
- ✓ CASB
- ✓ Advanced DLP
- ✓ Malware Scan

«« NIS2

«« NIS2

«« NIS2

Operations

- ✓ Dashboard
- ✓ Agent
- ✓ IDP
- ✓ MCN
- ✓ Digital Experience Monitoring
- ✓ Local Edge
- ✓ Server to Server

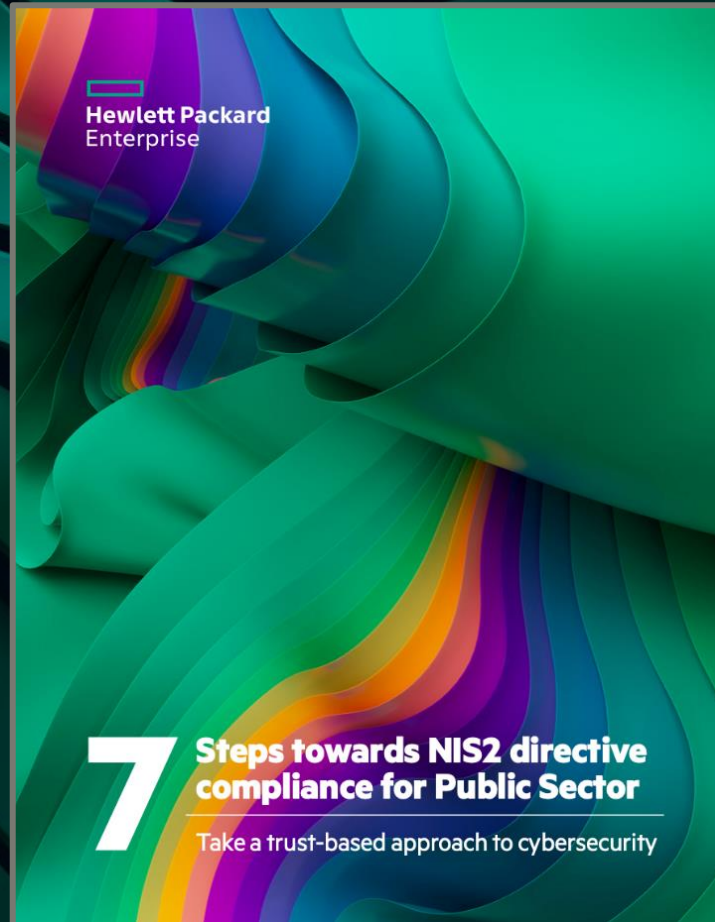
«« NIS2

Add-On

- ✓ Sandbox Security Package

«« NIS2

Helpful documents



<https://www.hpe.com/psnow/ebook/306180d2-4609-4110-b476-b7beb01f3677>





Hewlett Packard
Enterprise

HPE aruba
networking

Thank you



```
..._mod.use_x = False
..._mod.use_y = True
..._mod.use_z = False
... == "MIRROR_Z":
..._mod.use_x = False
..._mod.use_y = False
..._mod.use_z = True

... at the end -add back the deselected
..._ob.select= 1
..._ob.select=1
...context.scene.objects.active = modifier_ob
... "selected" + str(modifier_ob) # modifier
..._ob.select = 0
...context.selected_objects[0]
...objects[one.name].select = 1

print("please select exactly two objects,
OPERATOR CLASSES -----
```