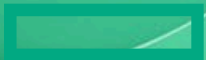


**Hewlett Packard**  
Enterprise

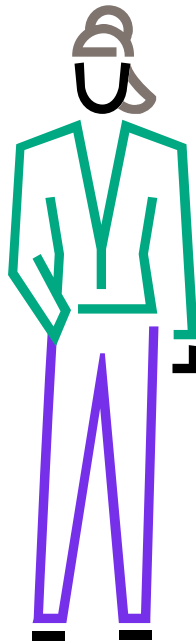
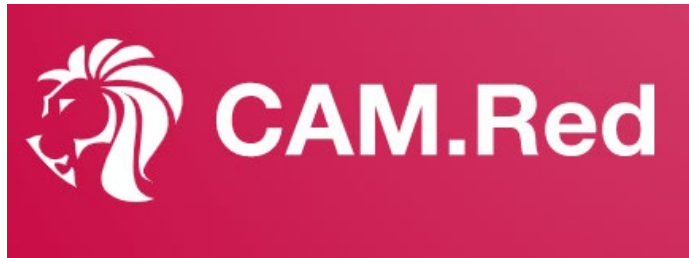
DIE  
HPE ARUBA NETWORKING  
SECURITY PERSPEKTIVE

Oliver Loke – Presales Consultant

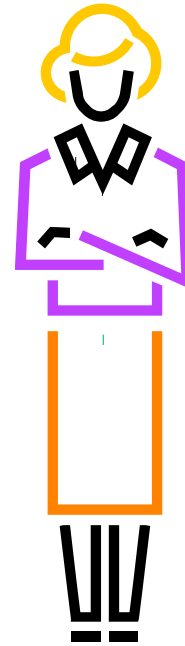
08.07.2024



# Darf ich vorstellen:



CI(S)O



Admin Remote-/Hybrid

# VISIBILITÄT

1

DEEP PACKET INSPECTION



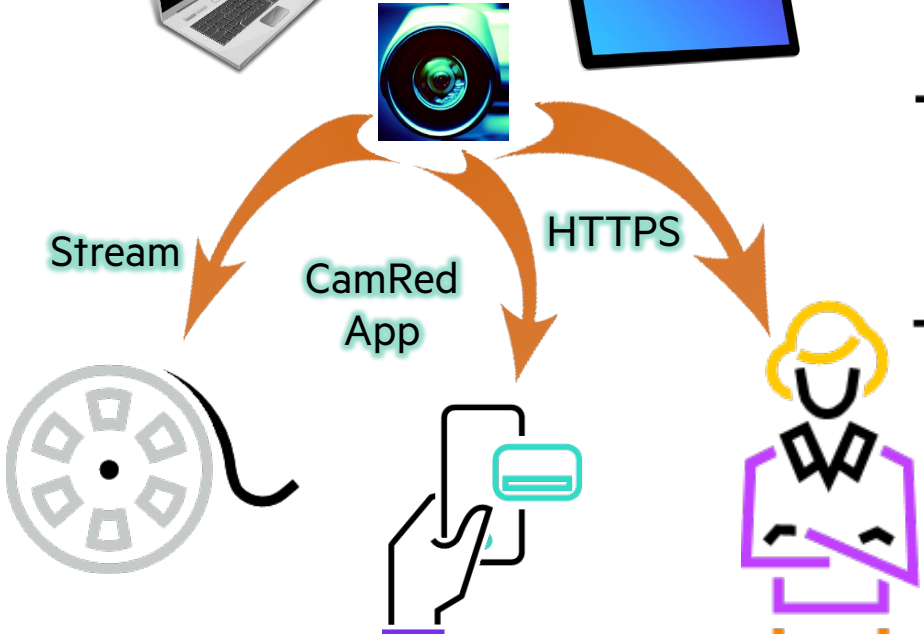
2

WAS IST ES



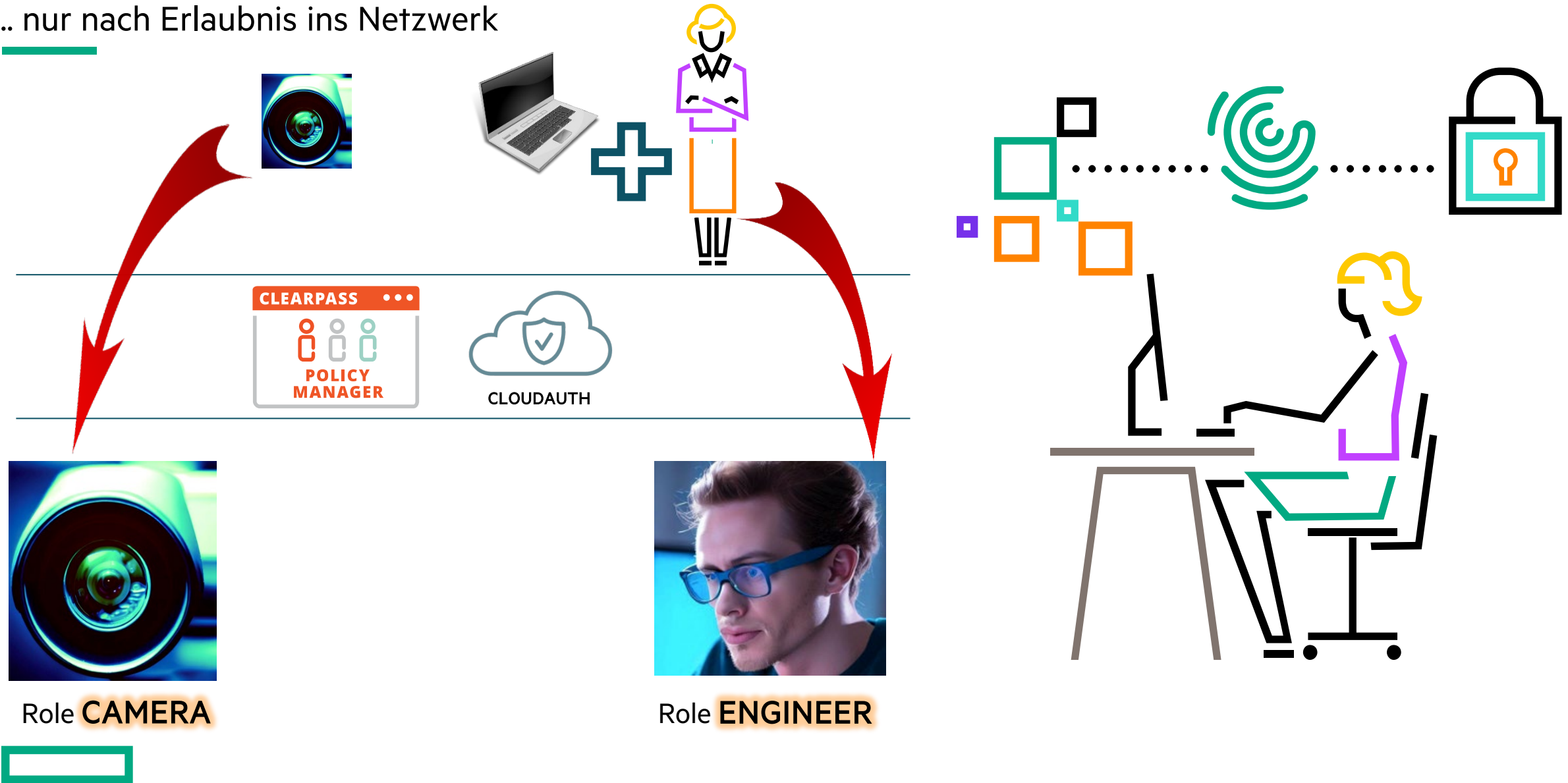
3

WAS TUT ES



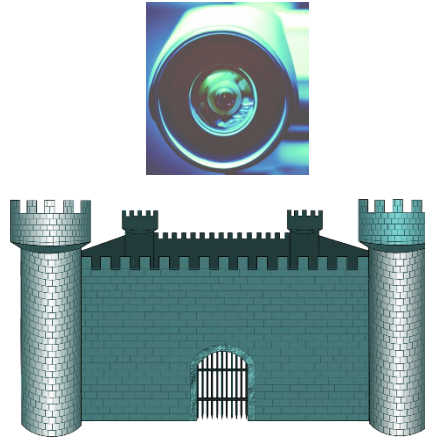
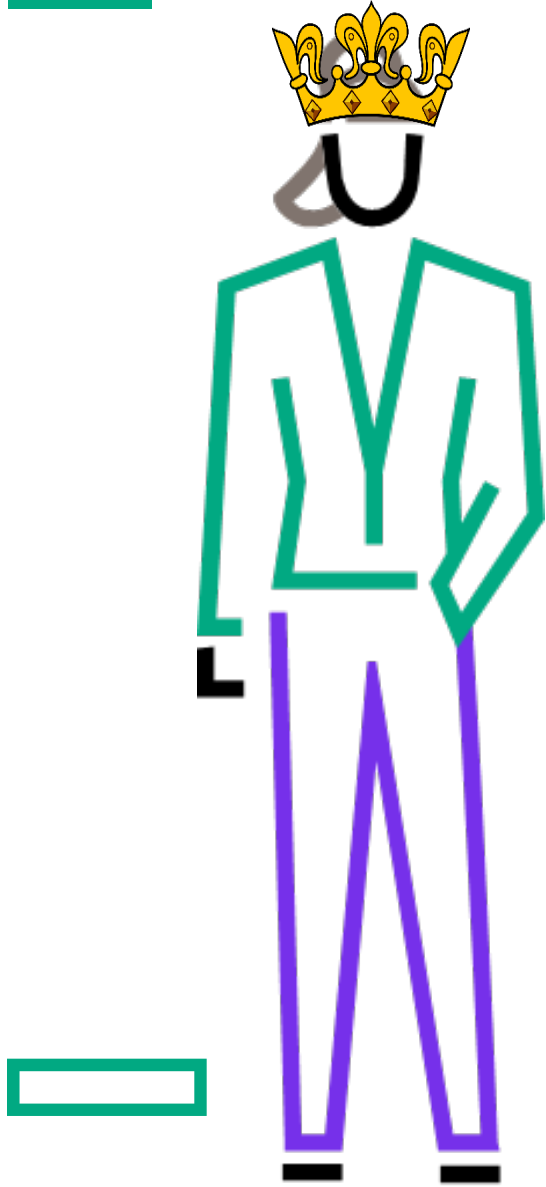
# Zugang erlauben

.. nur nach Erlaubnis ins Netzwerk



# CISO als König des Zero Trust Netzwerks

Was ist Zero Trust Netzwerk Zugriff



1

## Micro-Segmentation

Device gets access to what it needs, nothing more.

2

## Unified policy

Device gets same level of access, over LAN, WLAN & SD-WAN

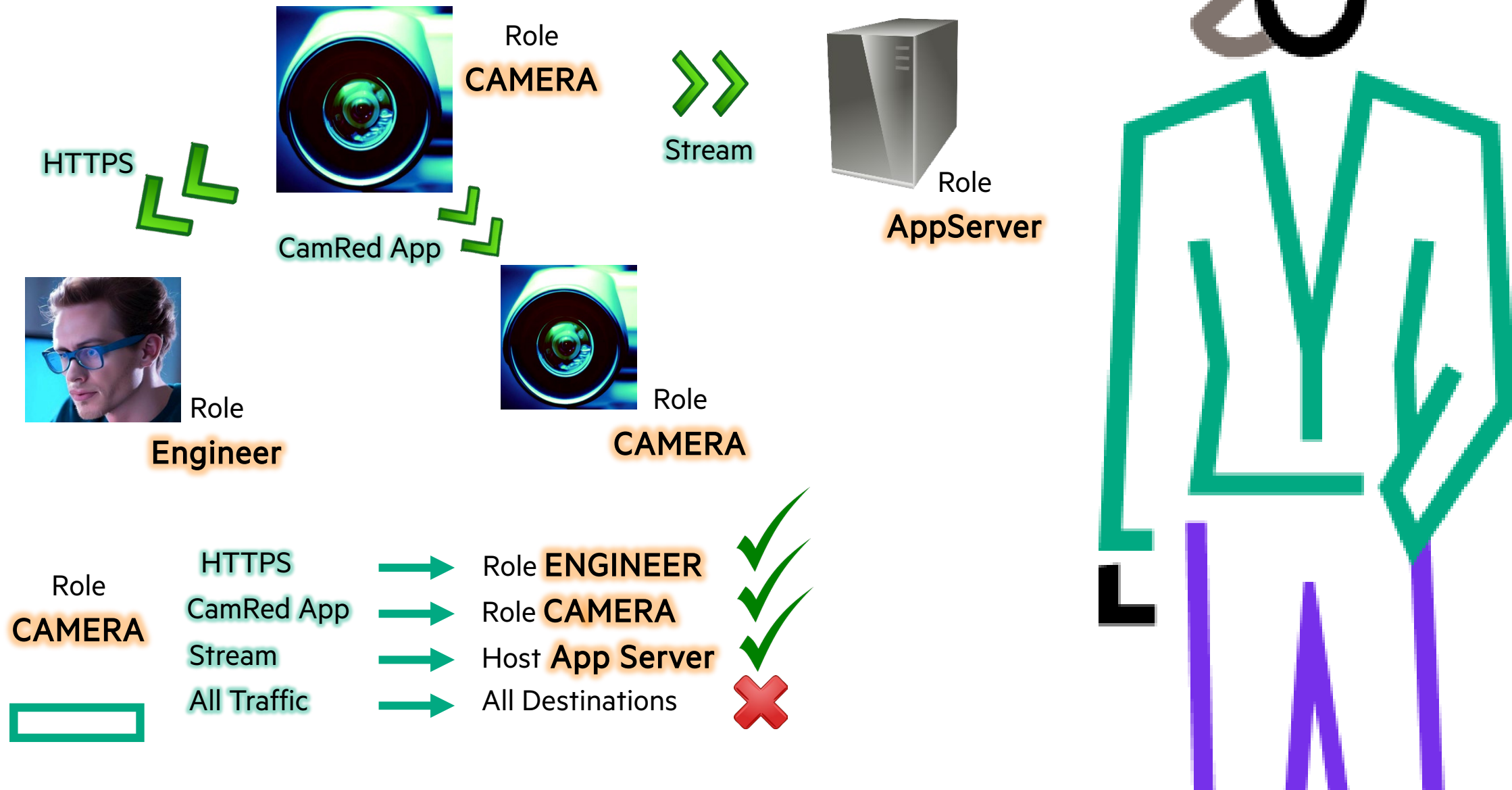
3

## Always Verify

Users & Devices are never trusted

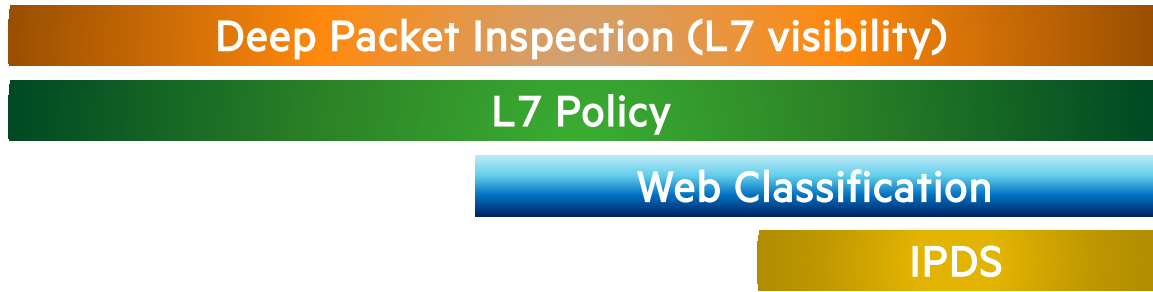
# Rollenbasierte Zugriffe

Basis von Zero-Trust Netzwerk Zugriffen

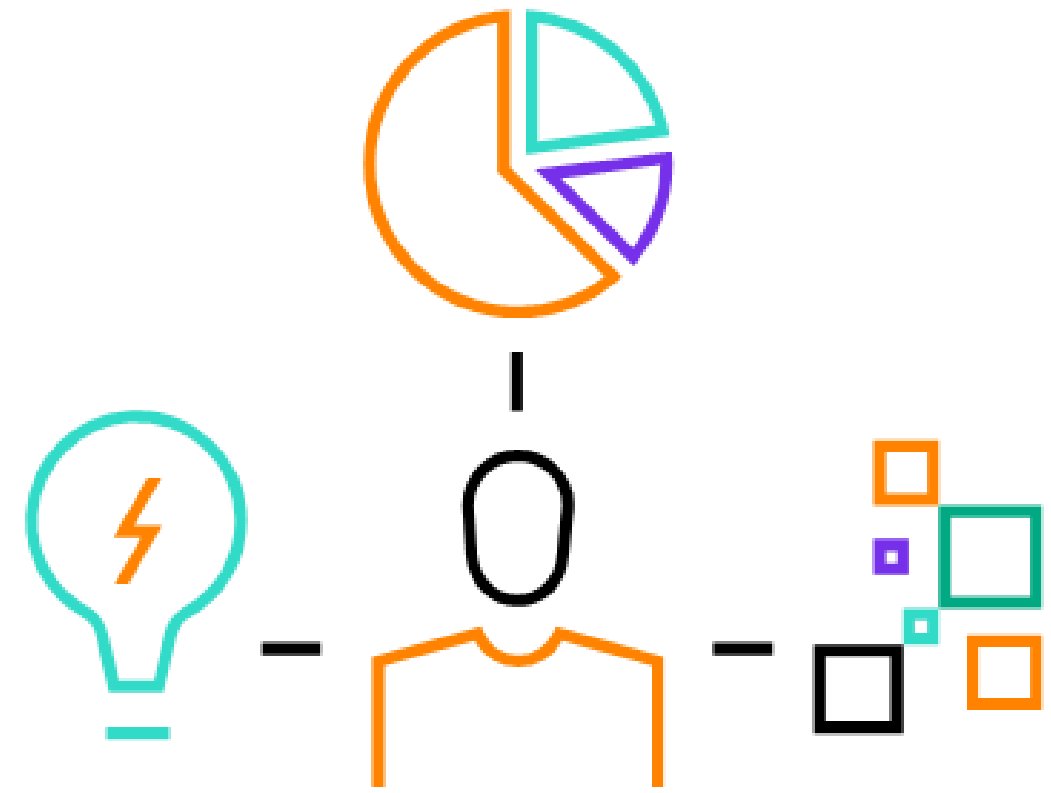


# Wer sorgt für die Umsetzung

Hardware Sicherheits-Möglichkeiten

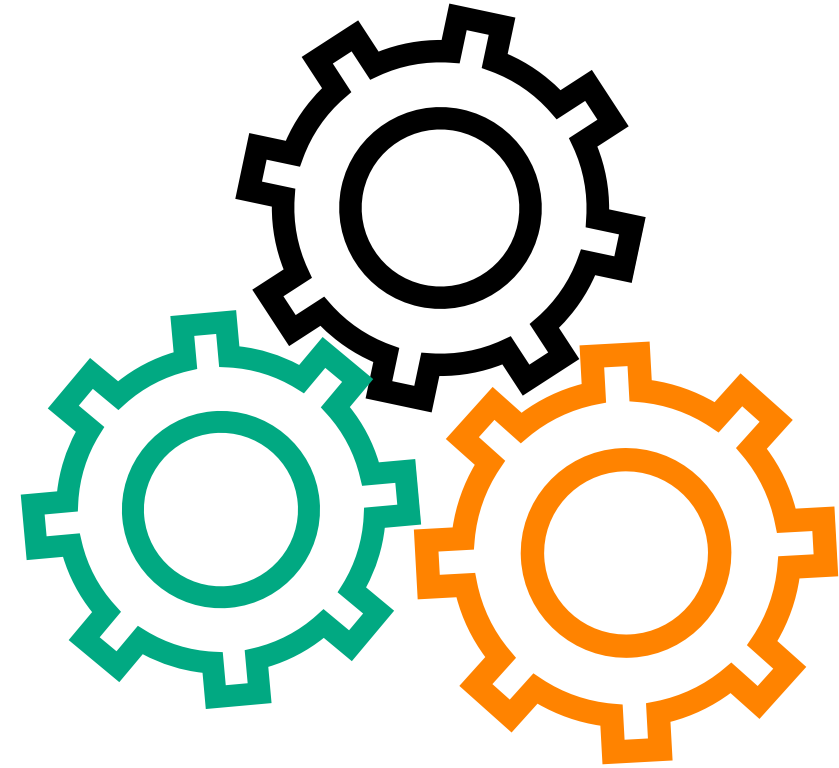
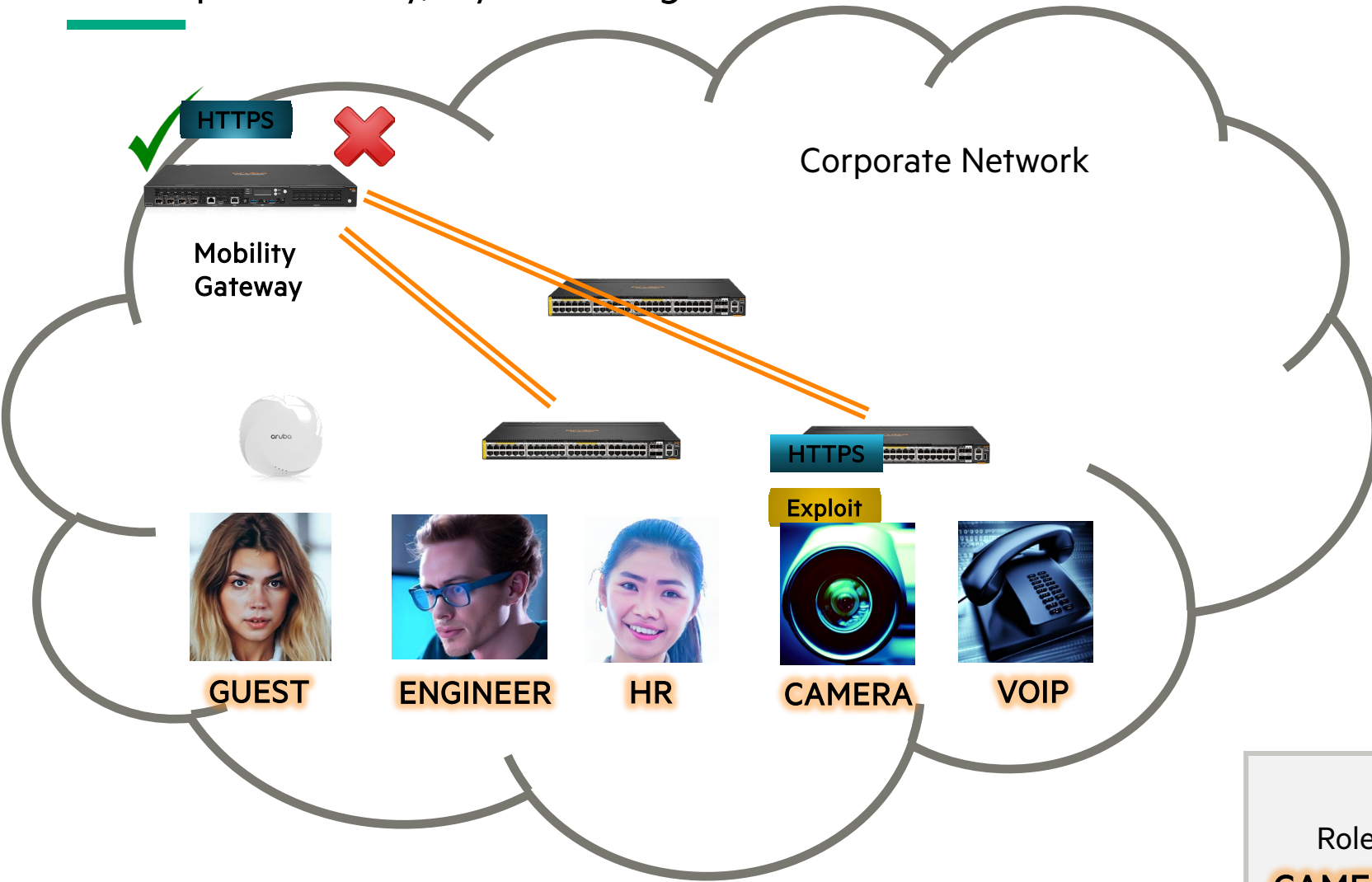


Role	HTTPS	→	Role <b>ENGINEER</b>	✓
<b>CAMERA</b>	CamRed App	→	Role <b>CAMERA</b>	✓
	Stream	→	Host <b>App Server</b>	✓
	All Traffic	→	All Destinations	✗



# Enforce it!

The Superhero way, Dynamic Segmentation



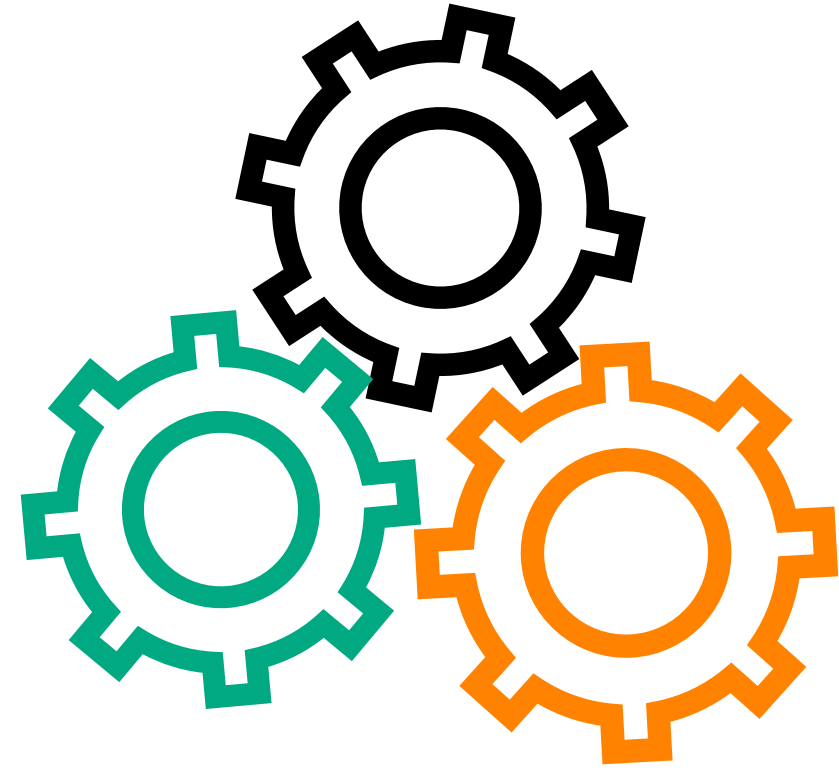
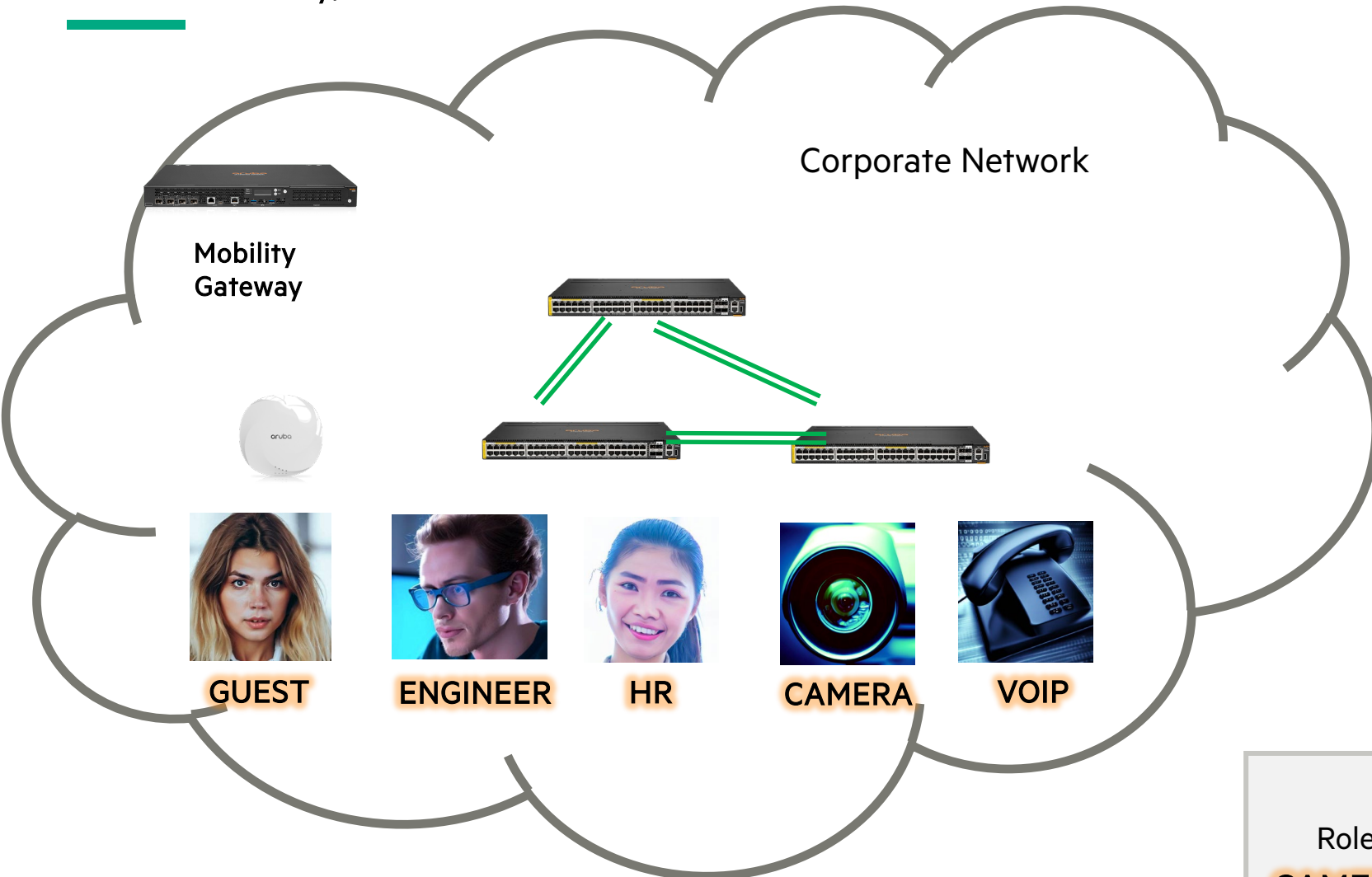
Role	Protocol/Action	Destination	Status
CAMERA	HTTPS	Role ENGINEER	✓
	CamRed App	Role CAMERA	✓
	Stream	Host App Server	✓
	All Traffic	All Destinations	✗





# Enforce it!

The Team way, NetConductor

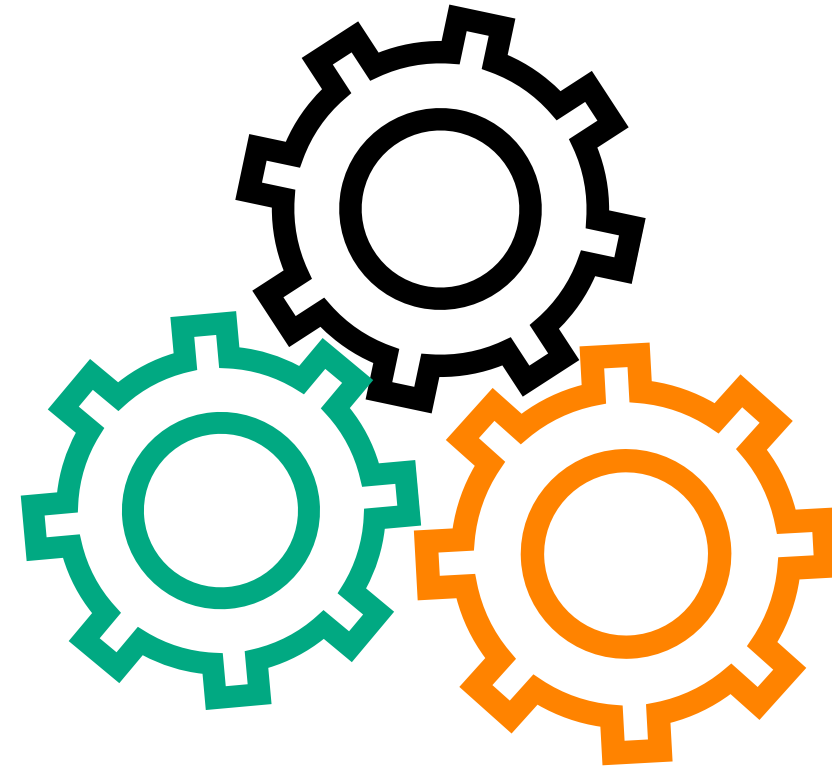
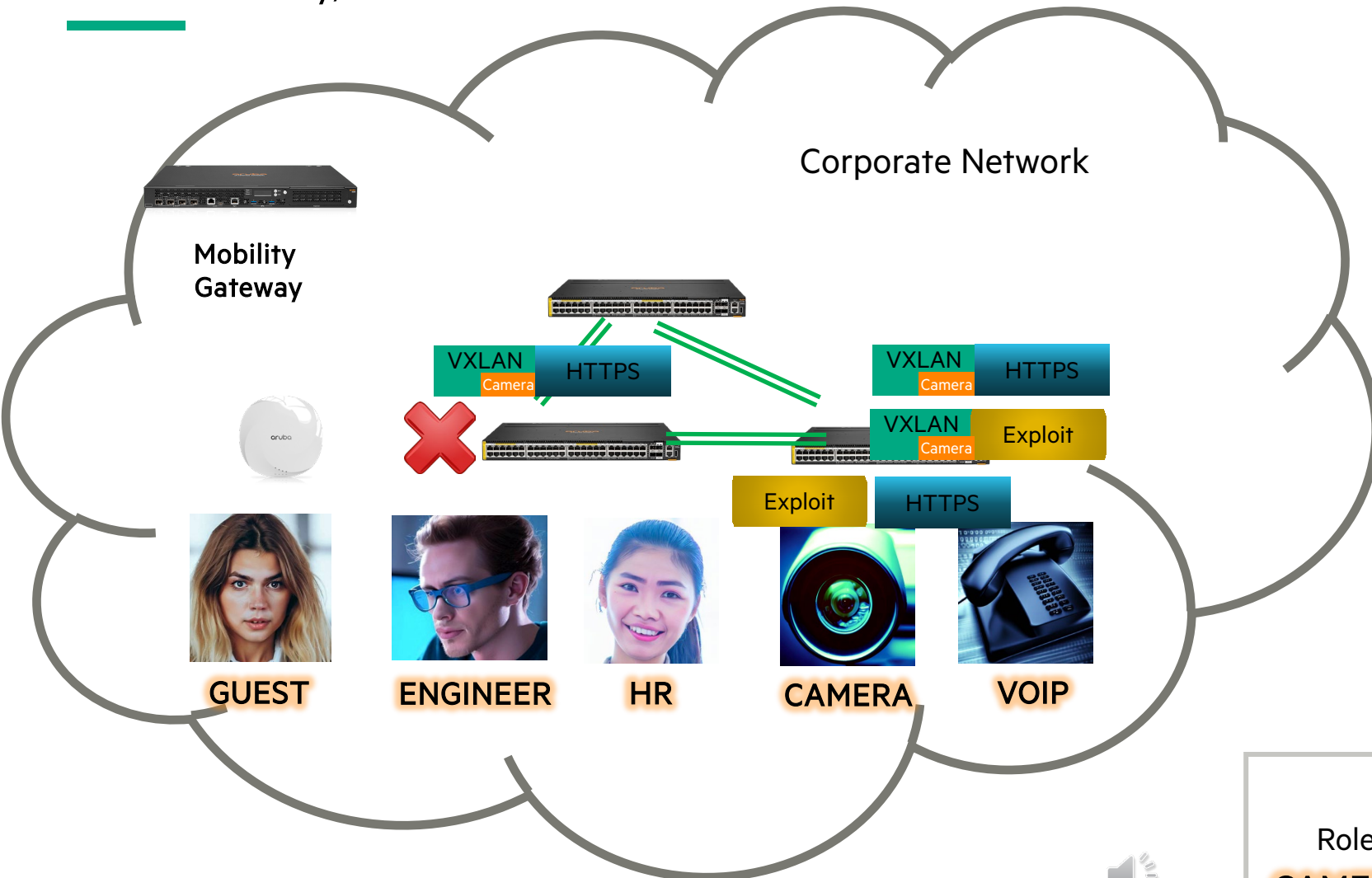


BUILD THE OVERLAY

Role	HTTPS	→	Role ENGINEER	✓
CAMERA	CamRed App	→	Role CAMERA	✓
	Stream	→	Host App Server	✓
	All Traffic	→	All Destinations	✗

# Enforce it!

The Team way, NetConductor

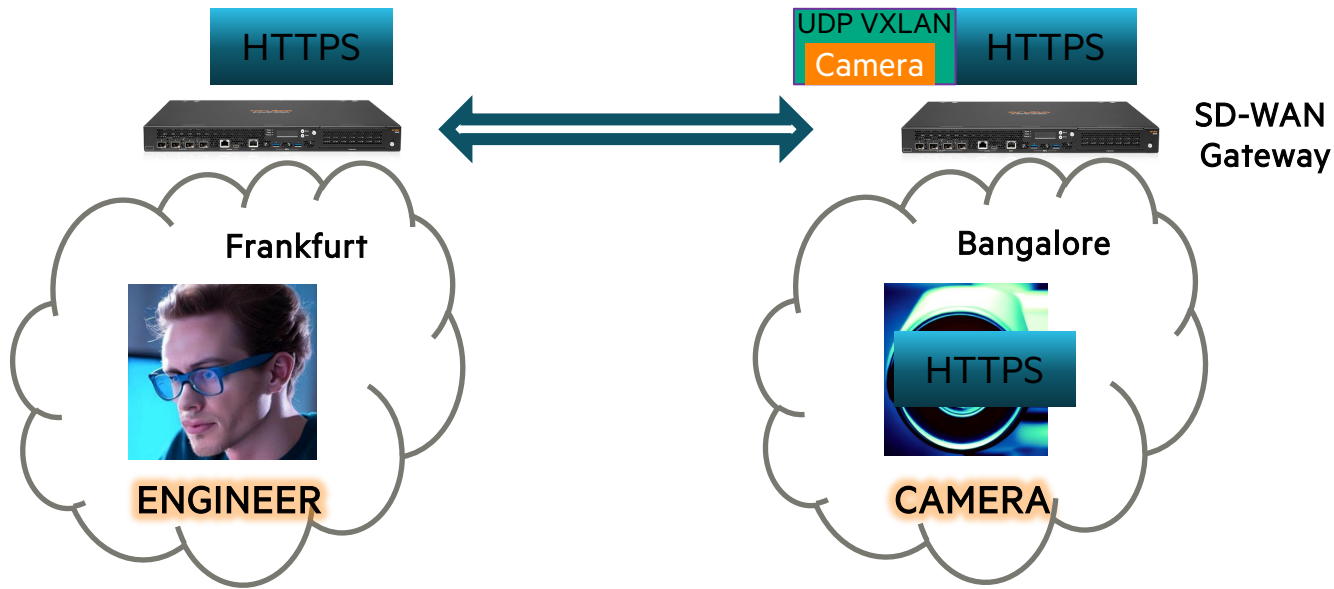


USE THE OVERLAY

Role	Traffic Type	Destination	Status
CAMERA	HTTPS	Role ENGINEER	✓
	CamRed App	Role CAMERA	✓
	Stream	Host App Server	✓
	All Traffic	All Destinations	✗

# Enforce it!

Secure SD-WAN by Edge Connect

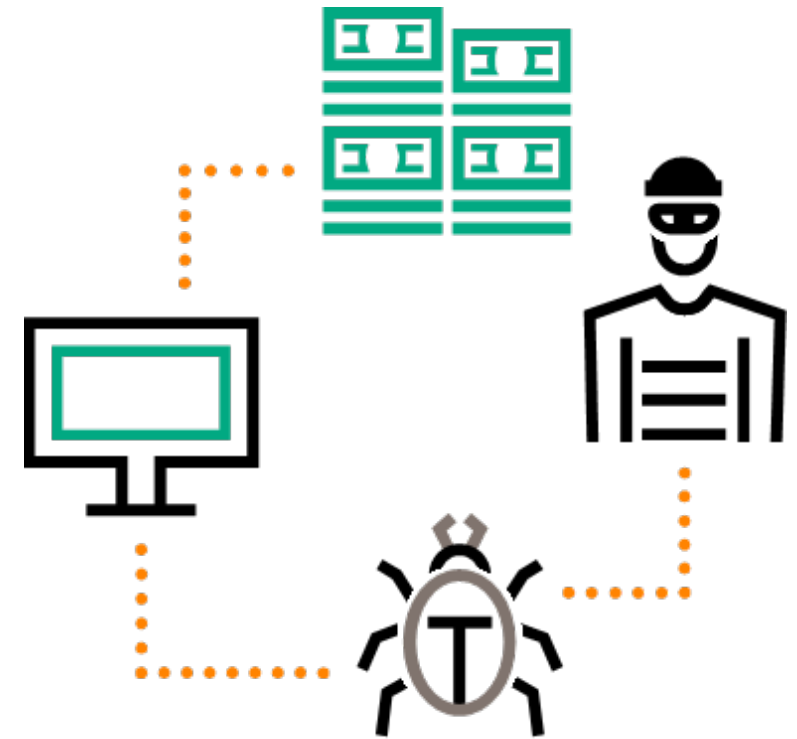
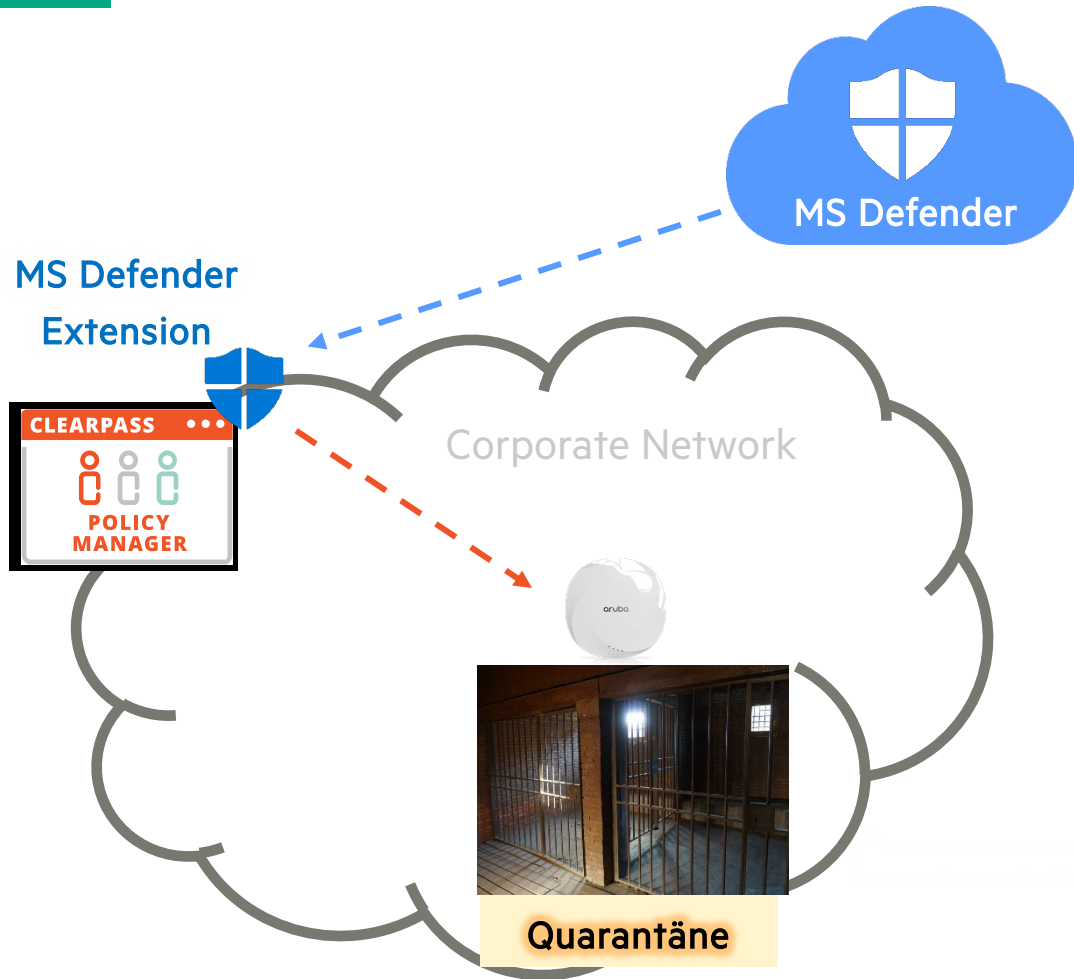


Role	Protocol	Destination	Status
CAMERA	HTTPS	Role ENGINEER	✓
	CamRed App Stream	Role CAMERA	✓
		Host App Server	✓
	All Traffic	All Destinations	✗



# Beispiel Reaktion

Zusammenarbeit mit MS Defender



# Kann ich so einer Infrastruktur vertrauen?

Es ist eine der sichersten auf dem Markt...

Kunden



U.S. Department of Defense



Compliance



FedRAMP

Sichere  
Infrastruktur

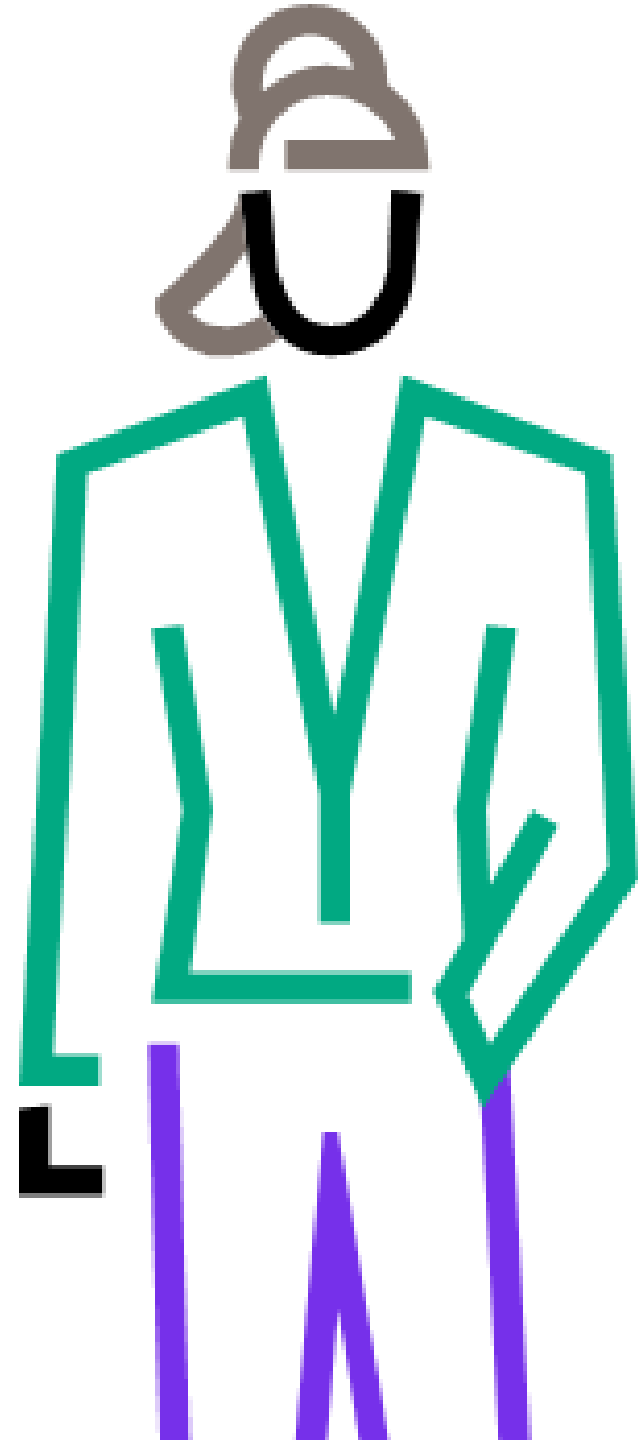


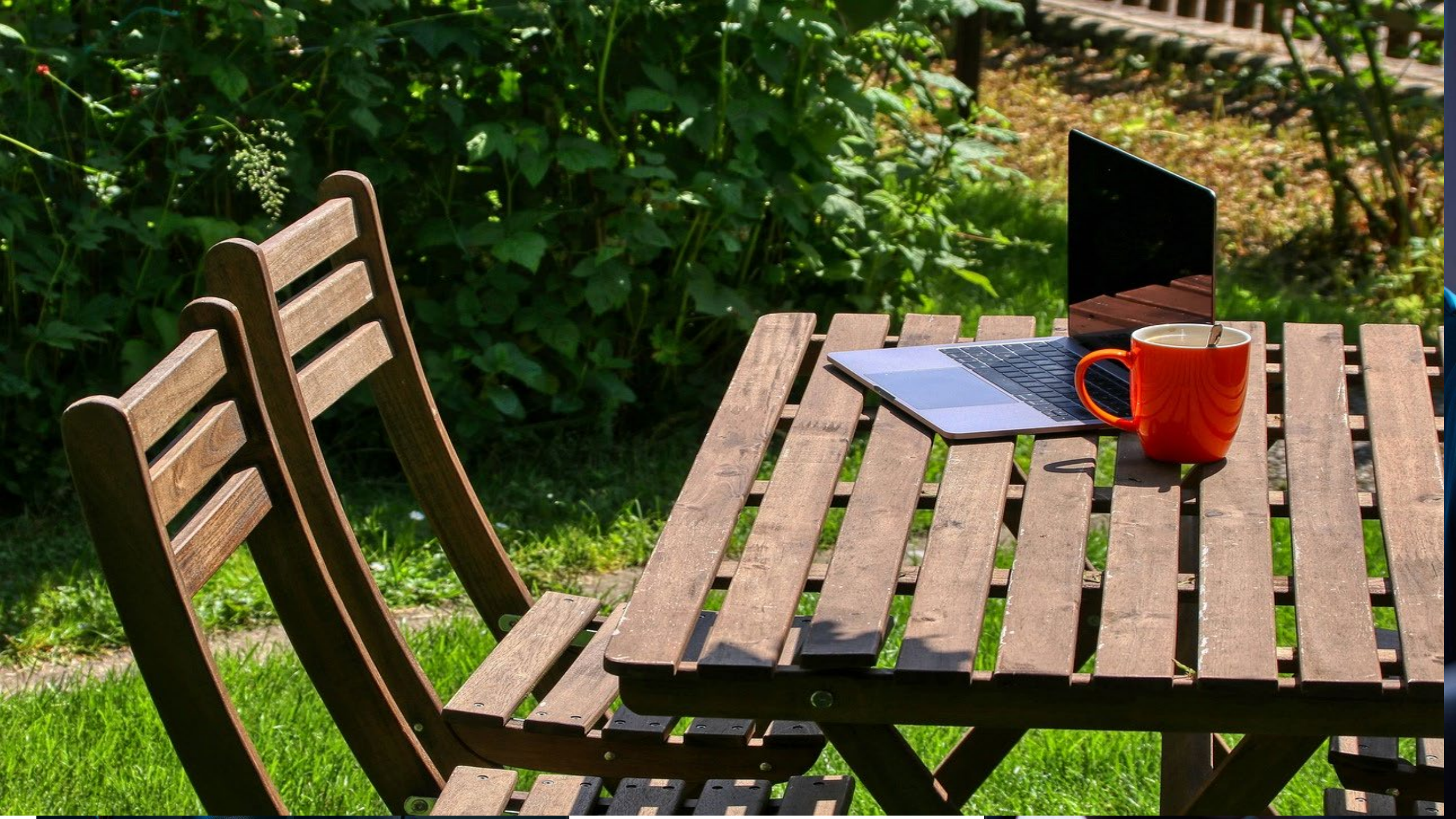
Hardware  
Root-of-Trust



TPM  
Device Identity

bugcrowd  
#1 Crowdsourced Security Company







**“If the enemy leaves a door open,  
you must rush in.”**

Sun Tzu, 500 v. Chr.



# Rules for work @ Everywhere

Secure Service Edge (SSE)

---

ENGINEER



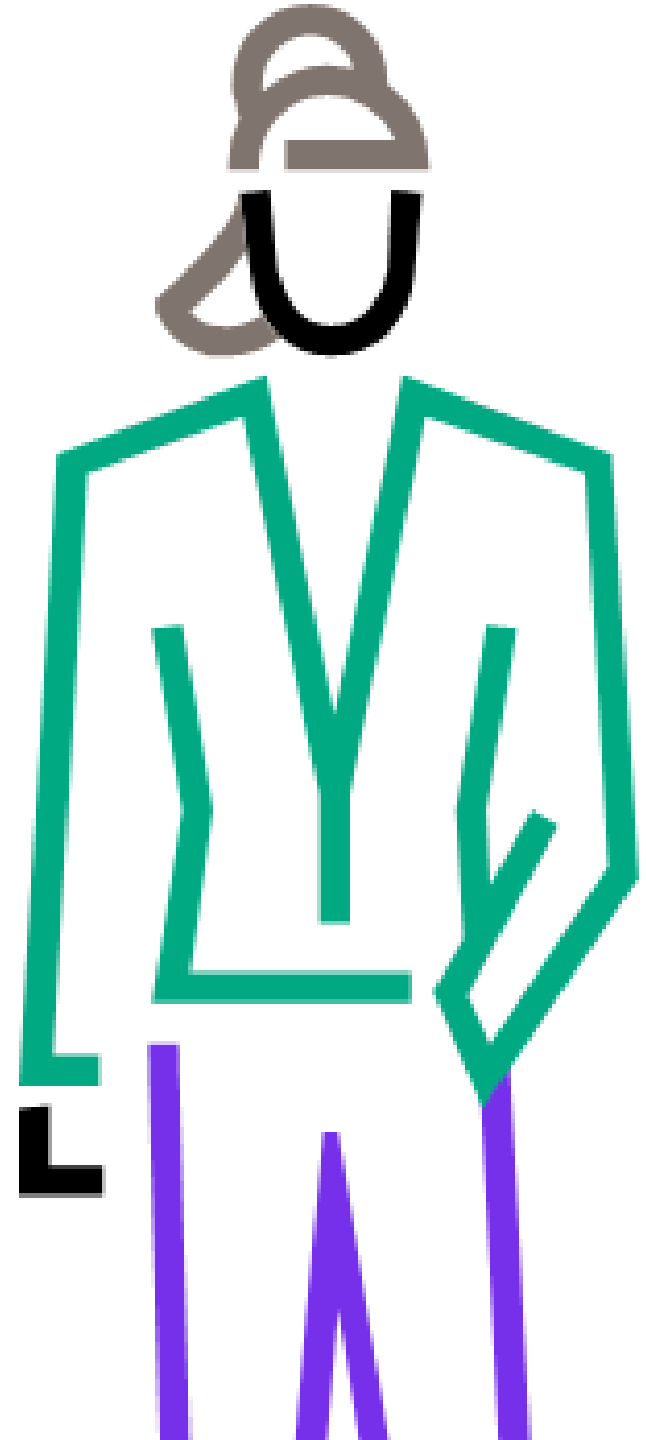
CamRed App



Safe Web Surfing



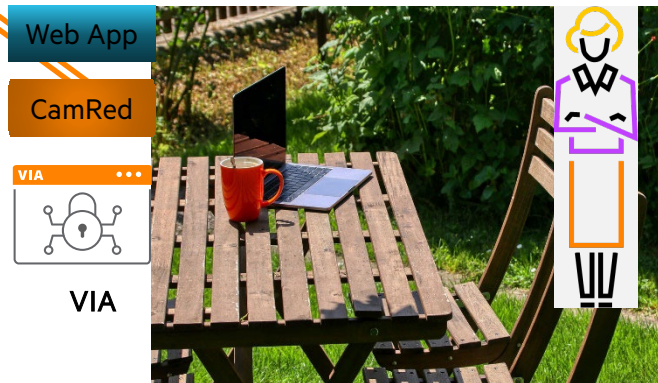
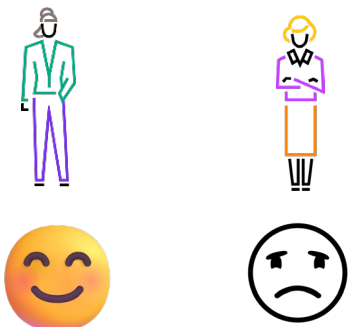
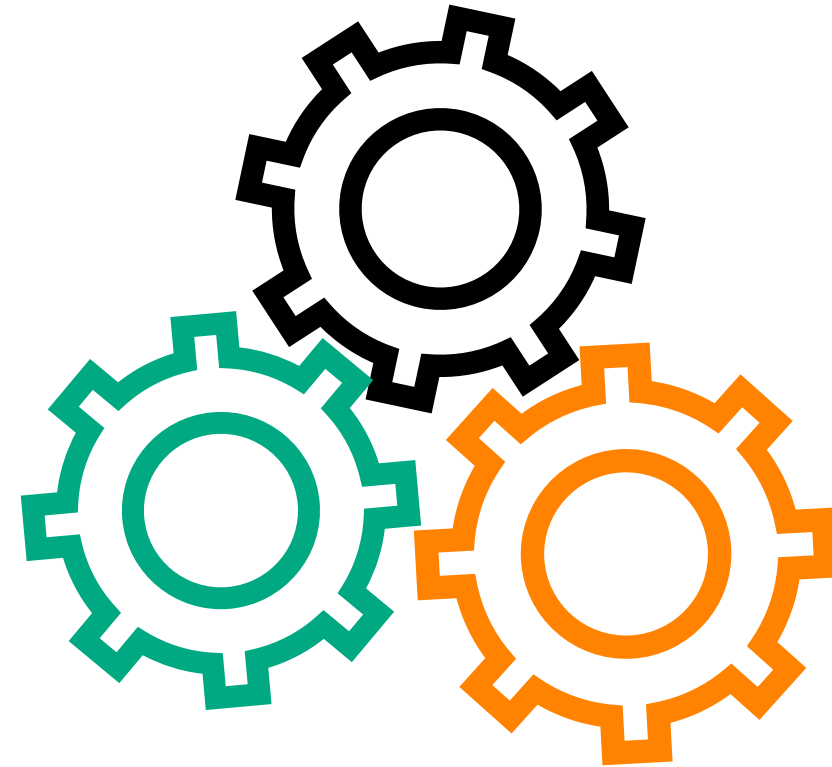
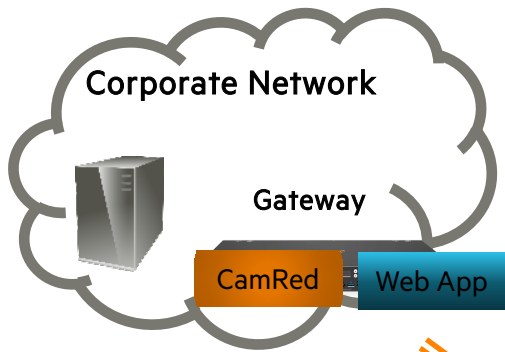
Protect CamRed Intellectual Property





# Enforce it!

The Superhero way, VIA IPsec Full-Tunnel

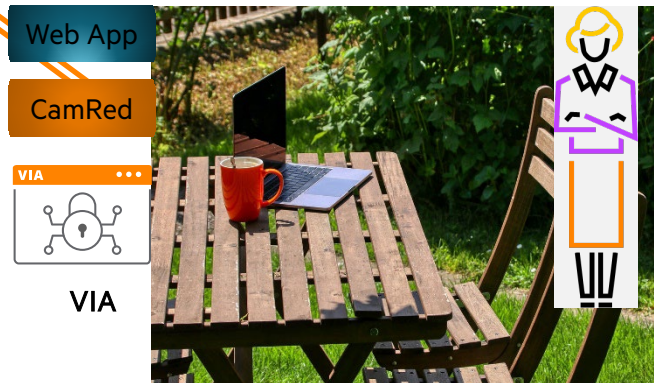
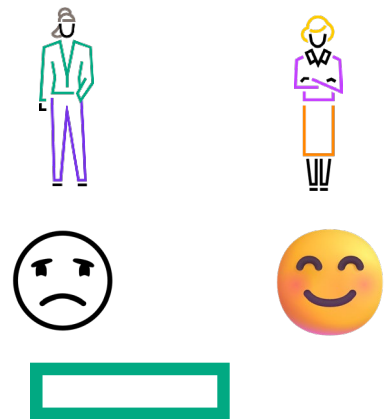
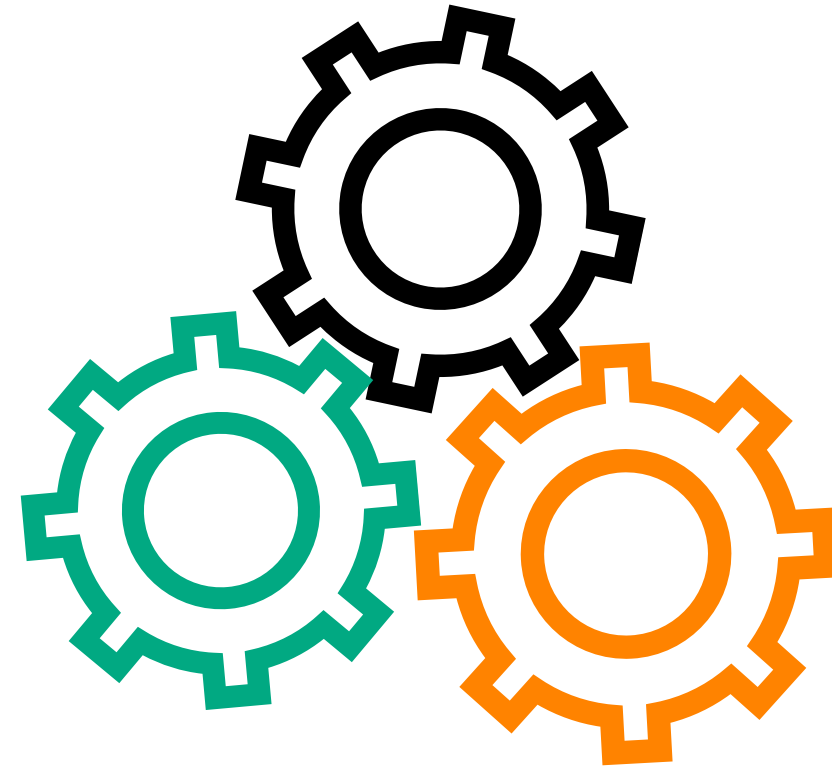
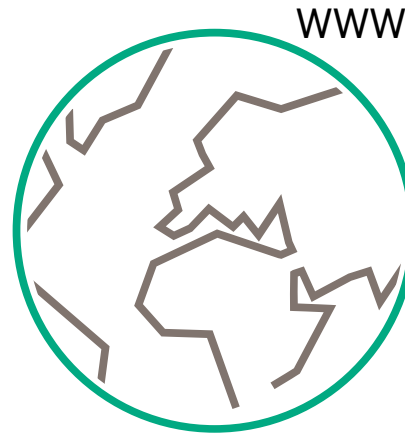
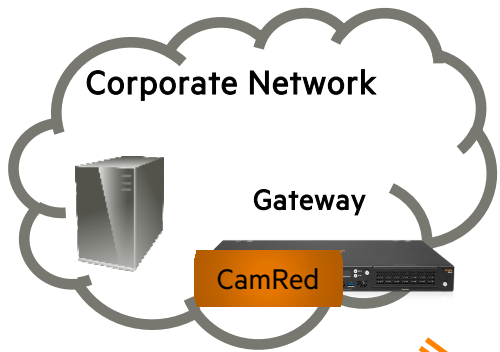


CamRed App	→	App Server	✓
Safe Web Browsing			✓
Data Loss Prevention			✓



# Enforce it!

The Superhero way, VIA IPsec Split-Tunnel

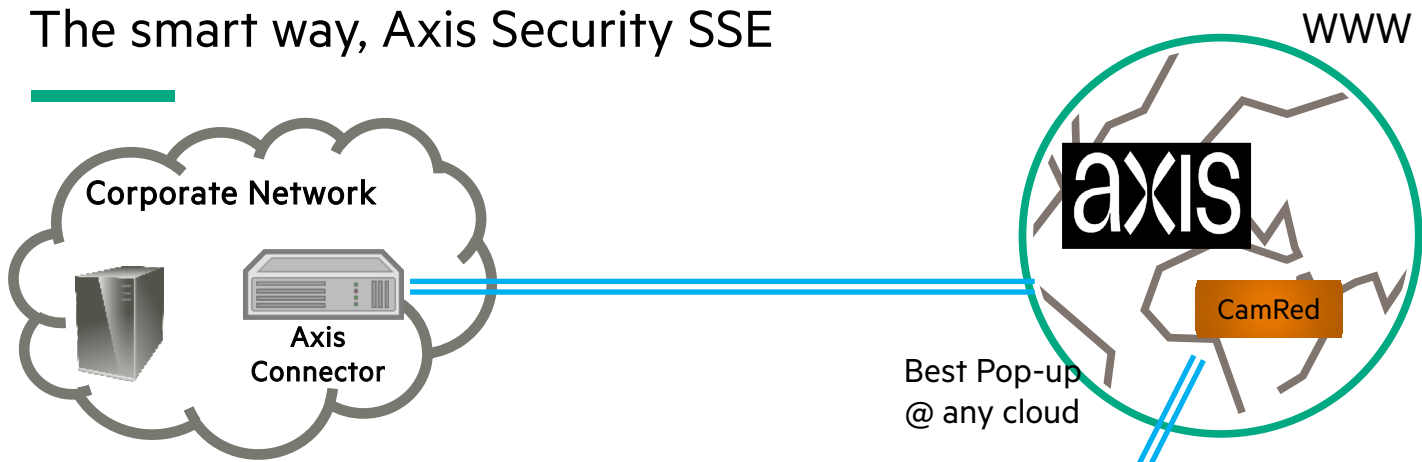


CamRed App	→	App Server	✓
Engineer	Safe Web Browsing		✗
	Data Loss Prevention		✗



# Enforce it!

The smart way, Axis Security SSE



Engineer	CamRed App	→	App Server	✓
	Safe Web Browsing			✓
	Data Loss Prevention			✓

# Is it all about Aruba?

No, we have a rich ecosystem

SASE



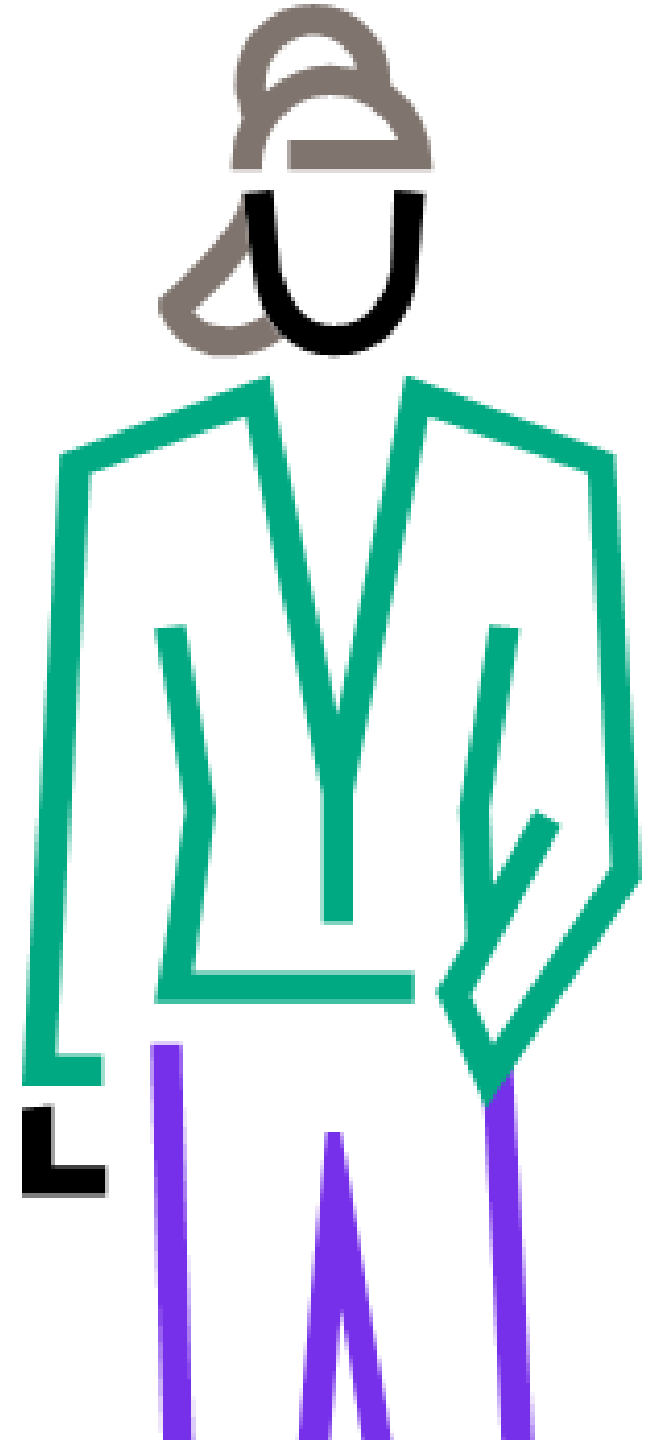
Firewall



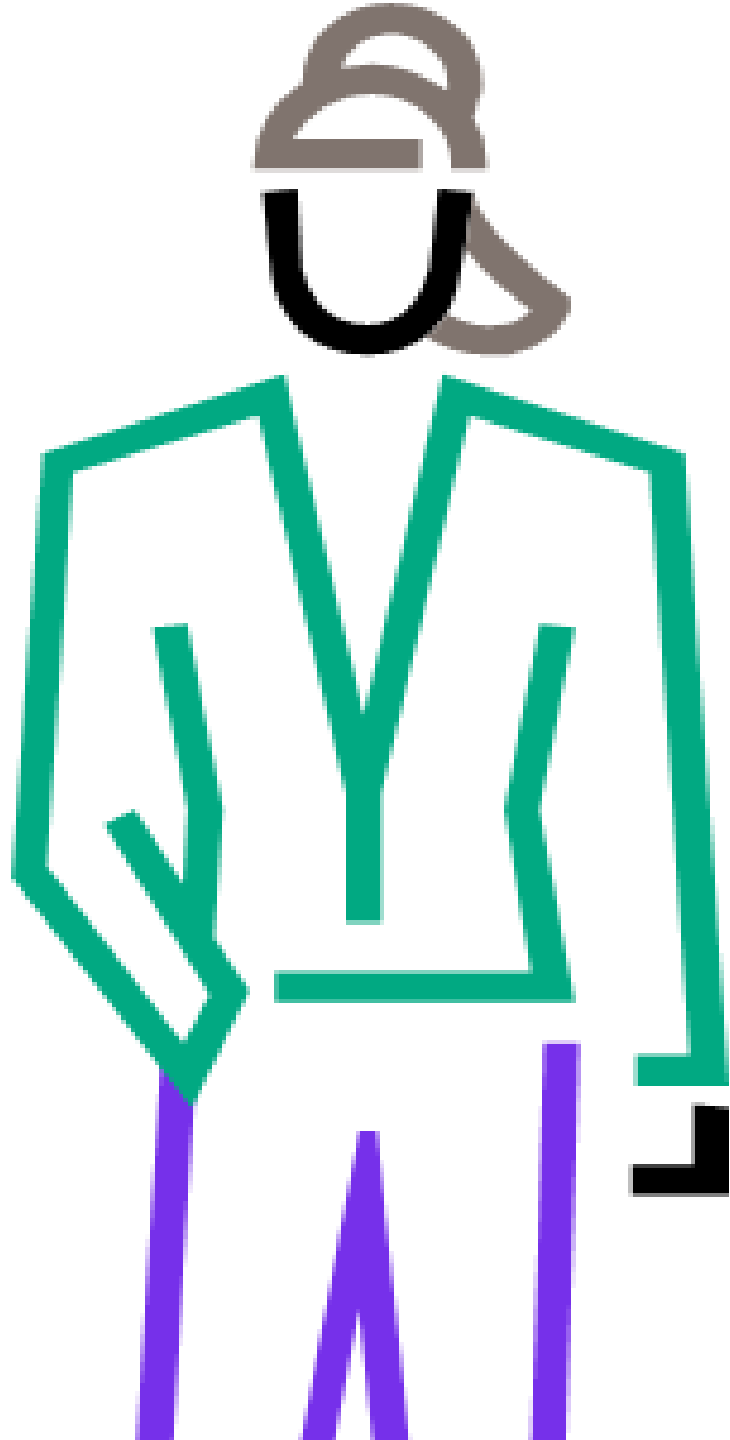
XDR



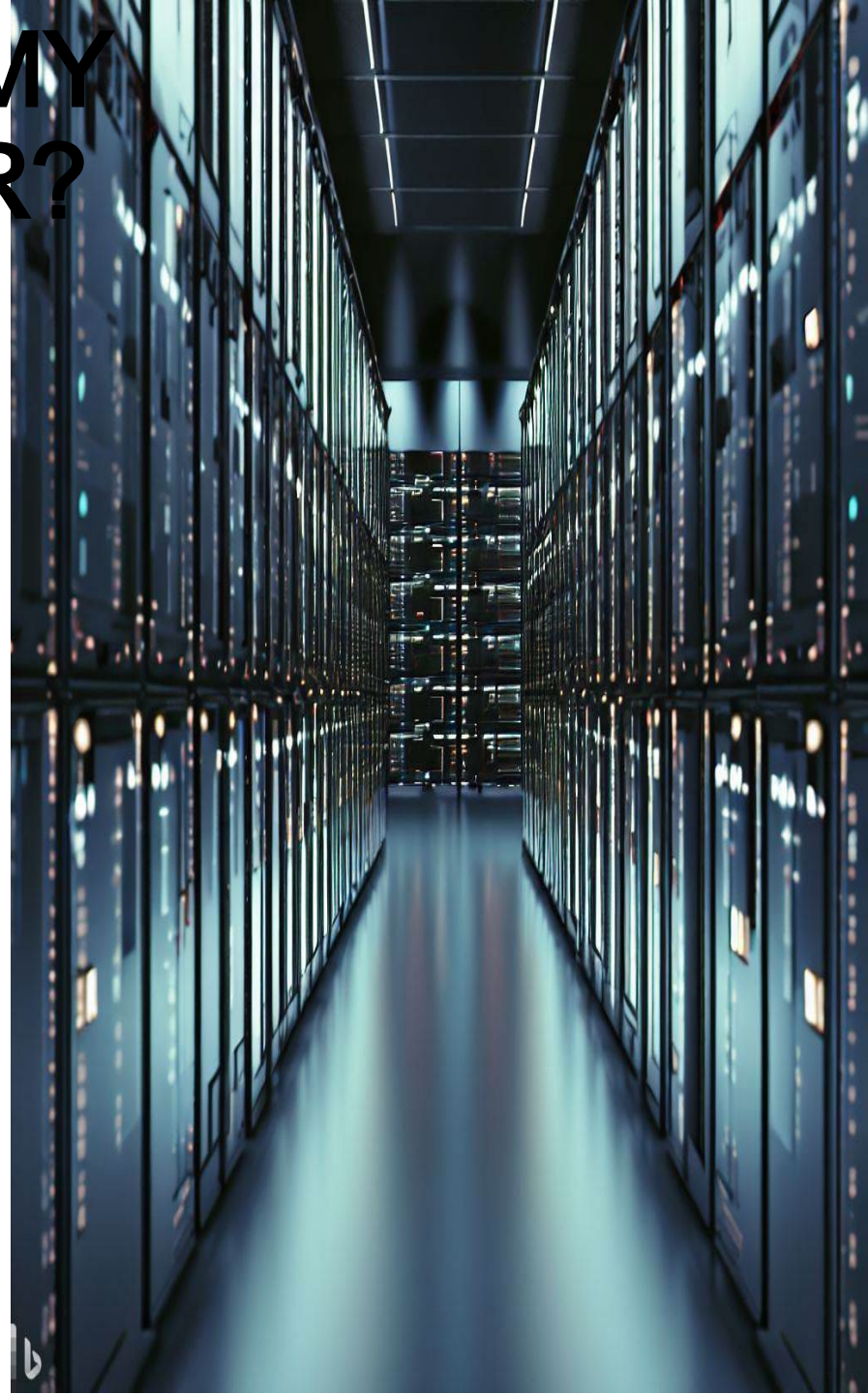
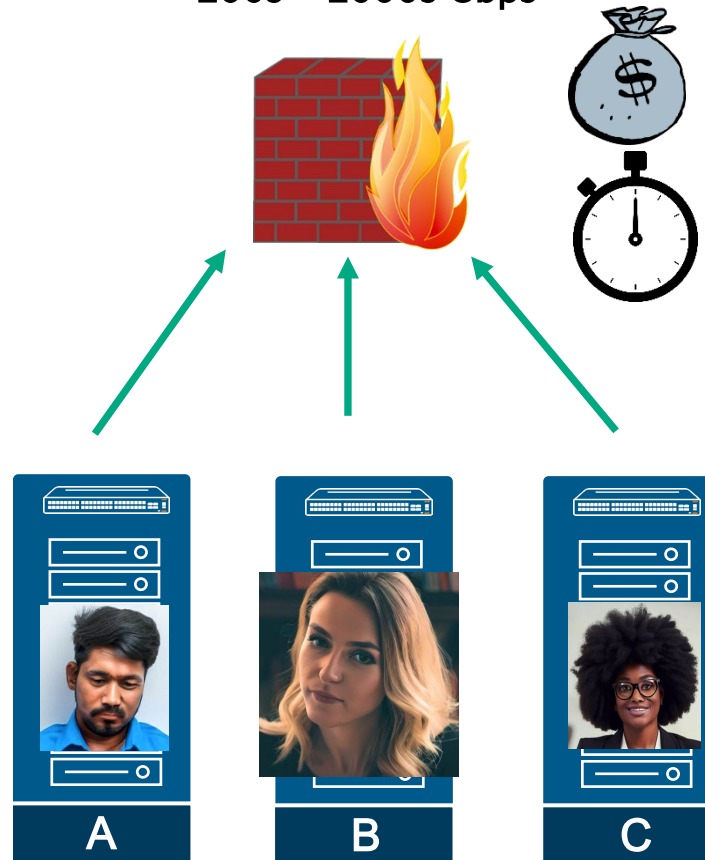
Identity Management



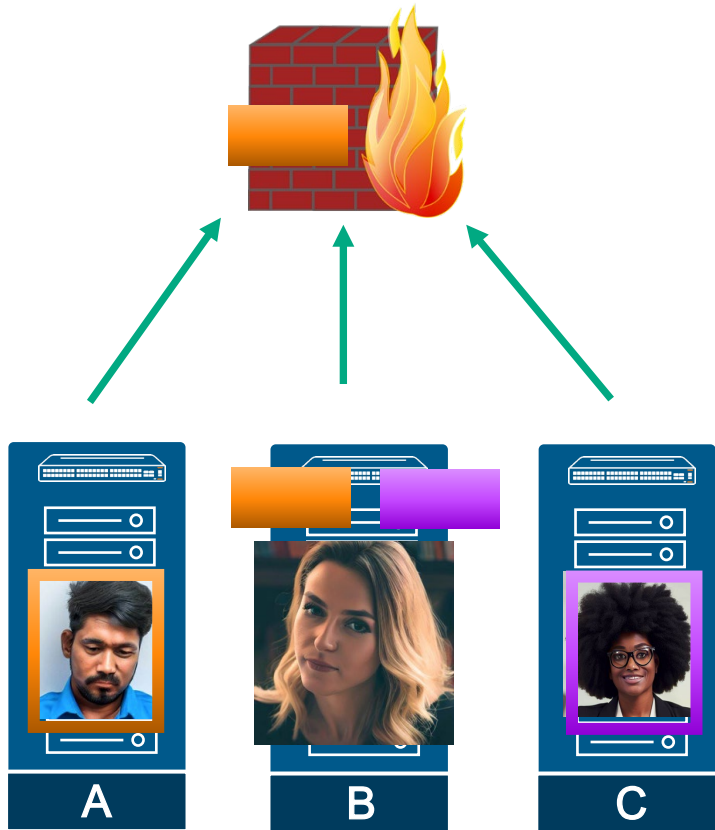
# SECURITY IN MY DATA CENTER?



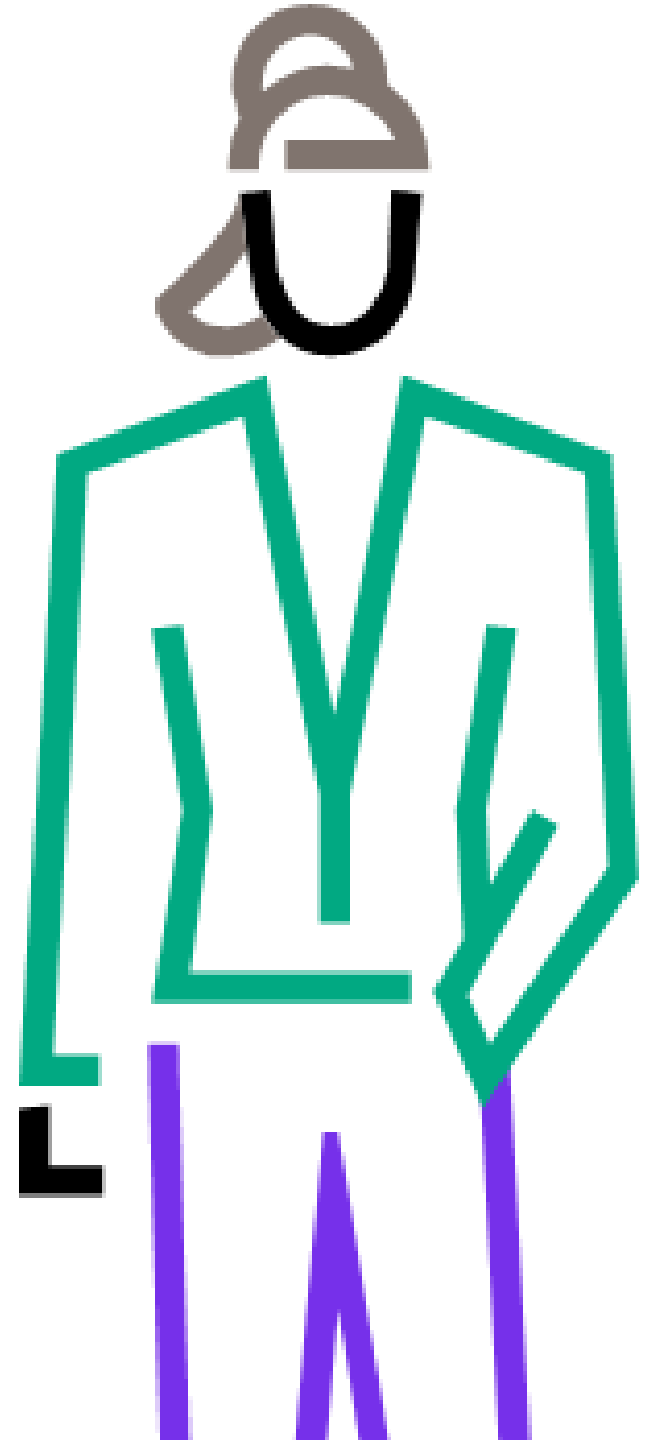
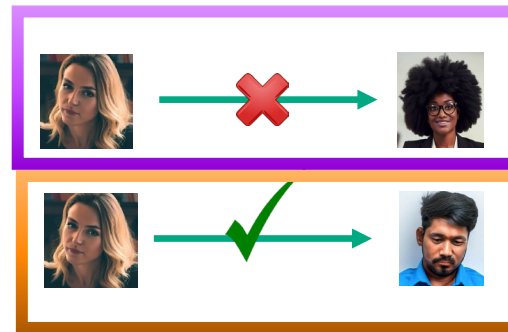
Firewall Throughput  
100s – 1000s Gbps



# Segmentation in DC

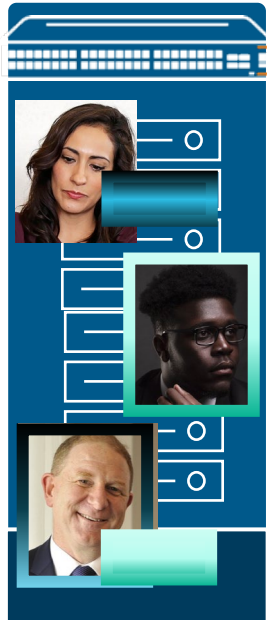


Different Customers on our Racks

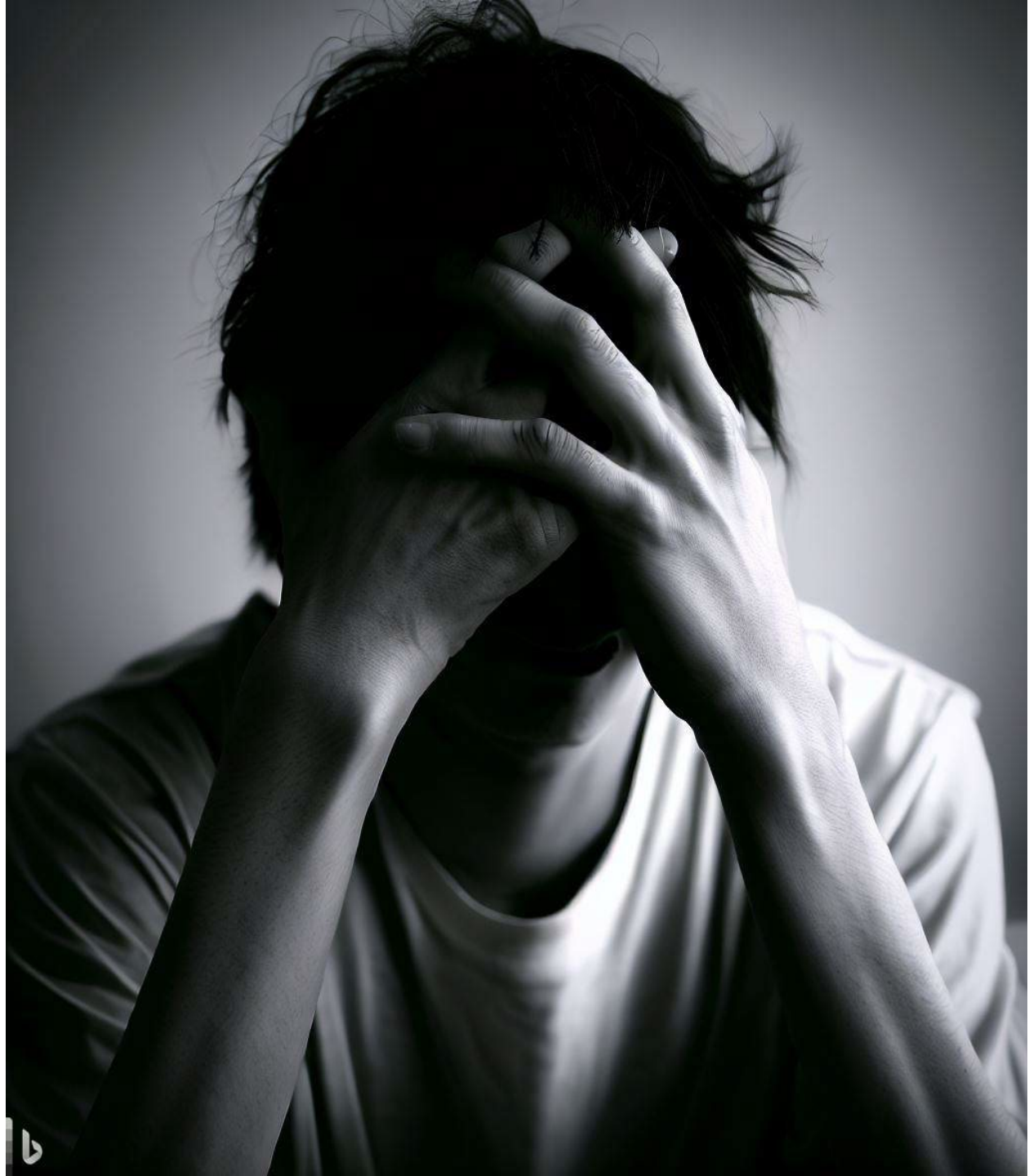
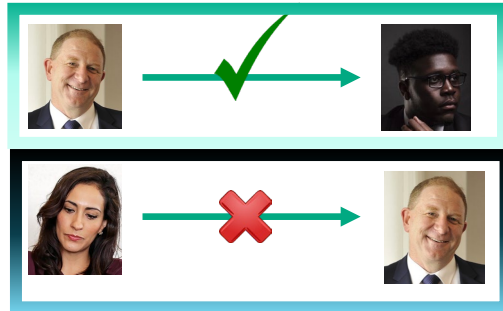


# Segmentation in DC

Where a Firewall can't help



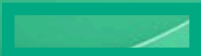
Different Customers  
on the same Network



# UNIQUE IN THE MARKET



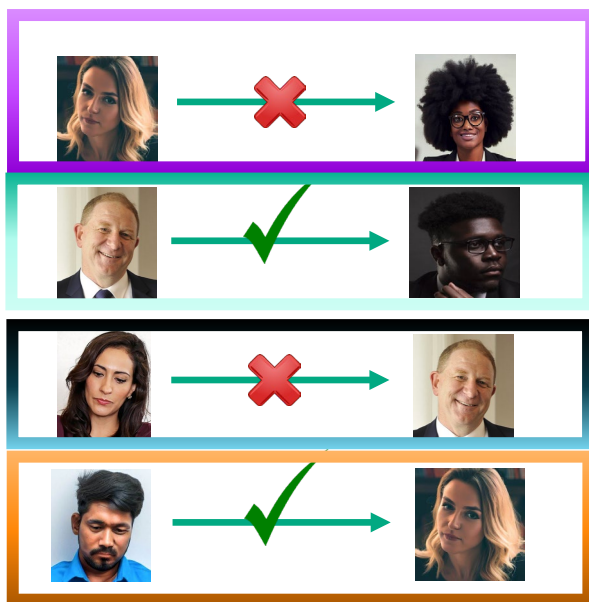
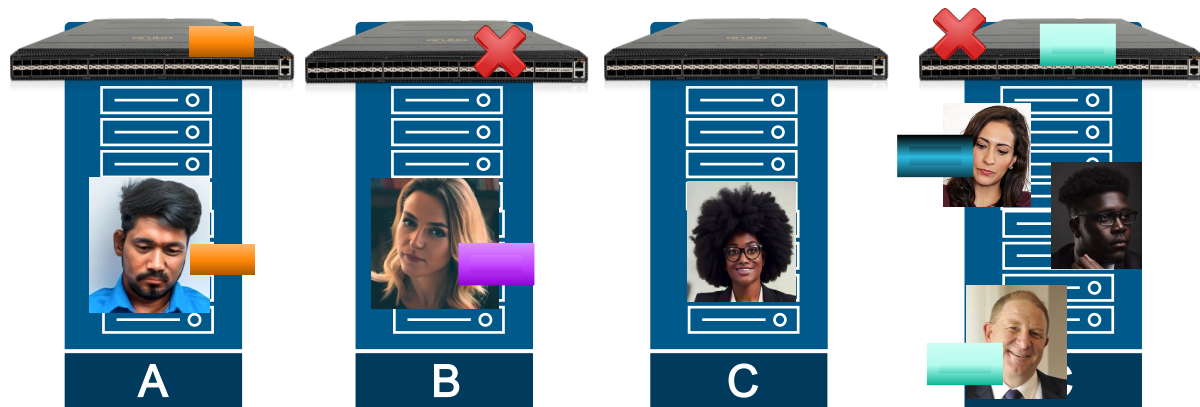
**ARUBA CX 10K SWITCH**  
Firewall Services @ 800Gbps





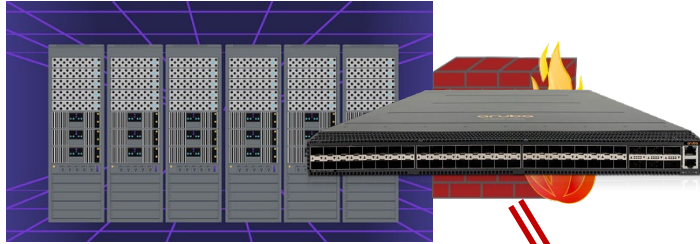
# Segmentation in DC

All you need is the CX10K



# Encryption between DCs

All you need is the CX10K



London



Frankfurt



Secure Infrastructure

Visibility

Authentication

Zero-Trust Network

Campus Security



Data Center Security

Secure Infrastructure

800 Gbps Firewall

Micro Segmentation

200 Gbps Encryption

Secure Access Service Edge

WAN Security

ZTNA

Secure Web Gateway

CASB

3<sup>rd</sup> Party Integration





Edge to Cloud Company, Edge to Cloud Security

Campus Security

Data Center Security

Secure Access Service Edge

Data Protection & Security

Workload Security

Security Services



**CAM.Red**



**HPE** aruba  
networking

Wie machen wir Ihre Firma  
sicherer?

Kommen Sie auf mich zu..

# DANKE!

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