# OTOS DIETEZZA BELGIUM

# Building a secure Edge

Jan-Willem Keinke Sales Engineer SASE Benelux Email: jwk@hpe.com



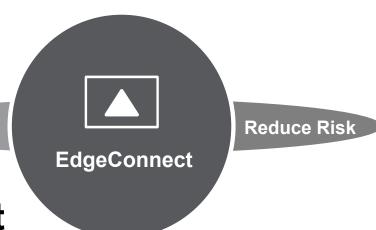
#### **ADVANTAGES OF AN APPLICATION DRIVEN WAN**

Lower Cost

# Savings

- WAN cost savings
- Automation savings
- Cloud security integration
- Eliminate branch equipment
- Simplified edge management

# Gain Competitive Advantage



# **100x Faster Deployment**

- Simple and flexible deployment models
- Comprehensive visibility

Increase Business Agility

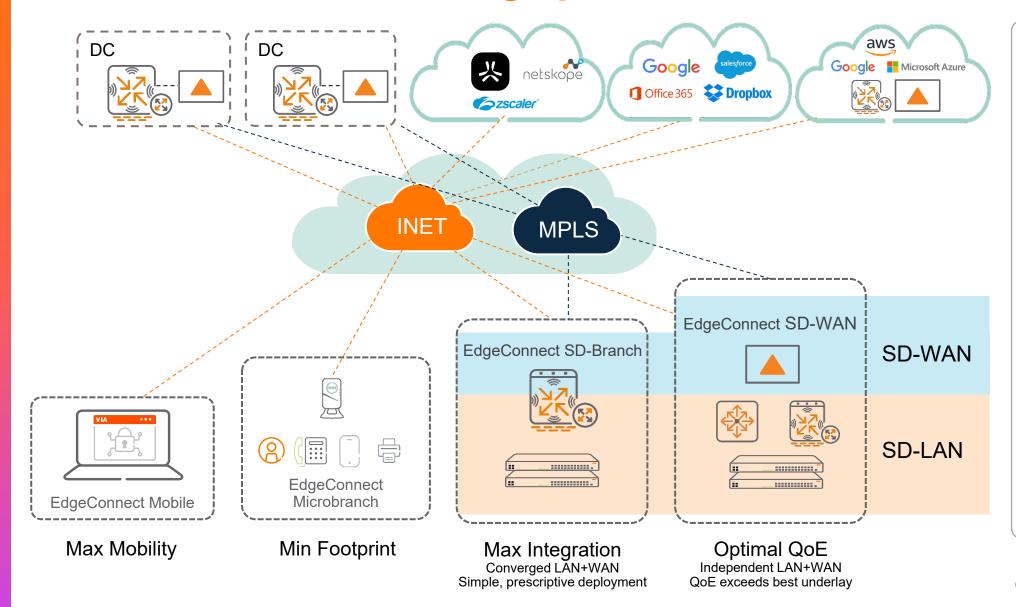
## **Performance**

- Sub second session failover
- 10 x faster applications
- Performance Improvement for SaaS/laaS
- Add / remove branches instantly
- Uptime during blackouts

# Security

- Segment your apps
- Automated policies
- UTM features
- ZBF within VRFs
- Cloud Security Integration

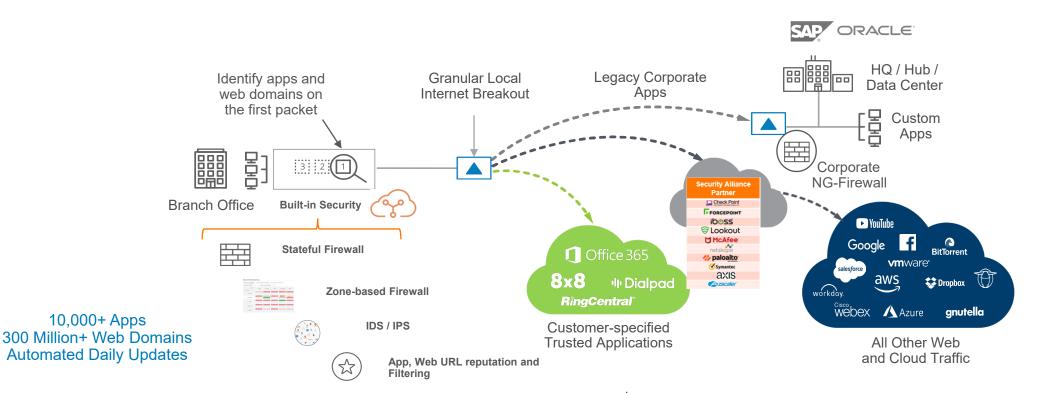
# **HPE Aruba's secure edge portfolio**





# Secure, adaptive internet breakout

First-packet iQ<sup>™</sup> enables application visibility and control



# Check Point SOFTWARE TECHNOLOGIES LTO FORCEPOINT iDUSS LOOKOUT MCAfee Netskope paloalto Symantec. Symantec. Akamai AXIS Zscaler

#### **Steer Apps Intelligently**

Granular, intelligent breakout of SaaS and trusted internet-bound traffic directly from the branch

#### **Improve App Response Time**

Avoid added latency through direct access to where the app resides

#### **Reduce Backhaul**

Backhaul only untrusted traffic to corporate FW

#### Save Valuable WAN Bandwidth

Avoid consumption of expensive MPLS circuits where not necessary

# **EdgeConnect Orchestrator**

Your SD-WAN control center



# What is EdgeConnect Orchestrator?



#### **EdgeConnect Orchestrator**

Orchestrate application policies across thousands of appliances, through a single pane of glass, driven by simple business intent policies.

Align application policies (QoS, security) with business intent

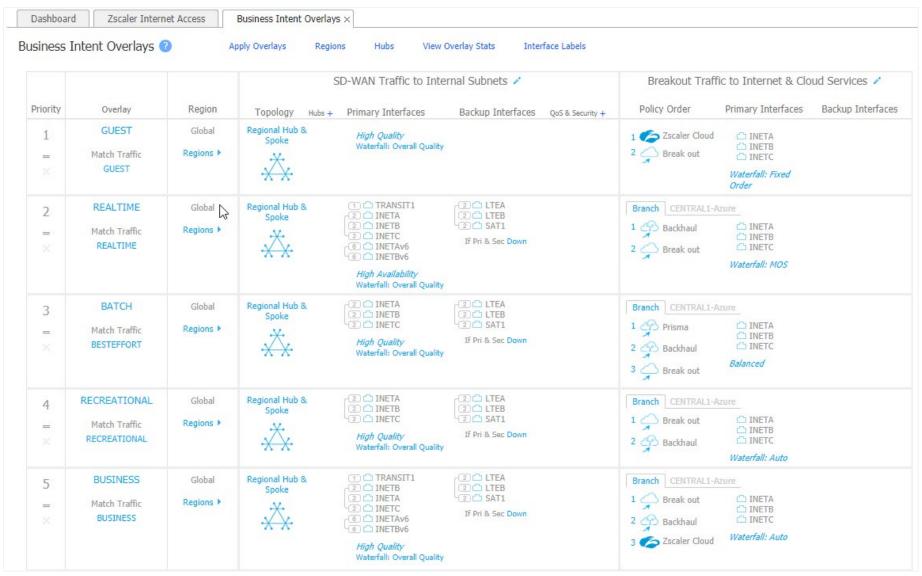
**Secure, centralized visibility, control and administration** of SD-WAN across thousands of sites

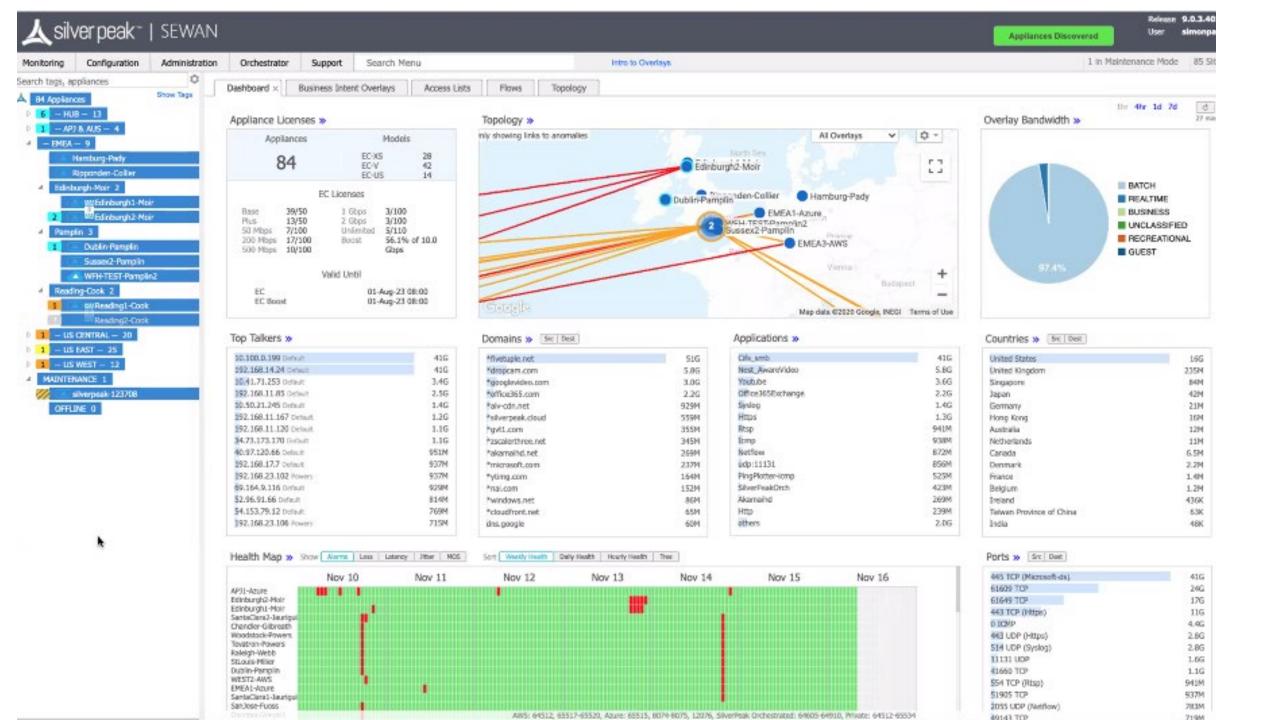
**Extensive analytics**, application & network performance measurements, & troubleshooting.

Automates & simplifies lifecycle management of SD-WAN

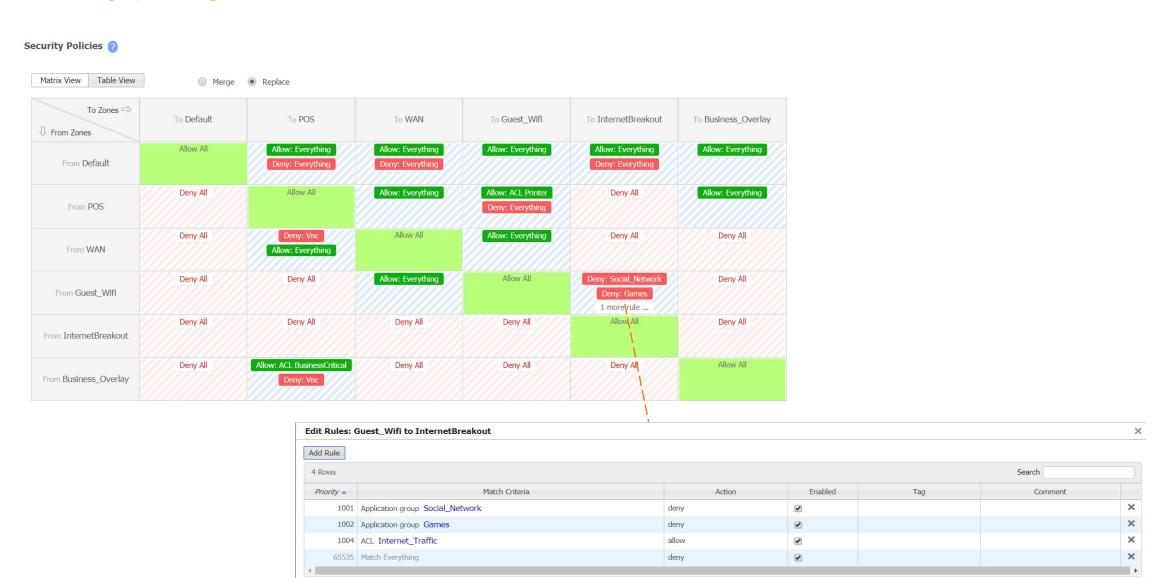
Orchestrates **end-to-end service chains** through partner APIs.

# **Business Intent Based Overlays**



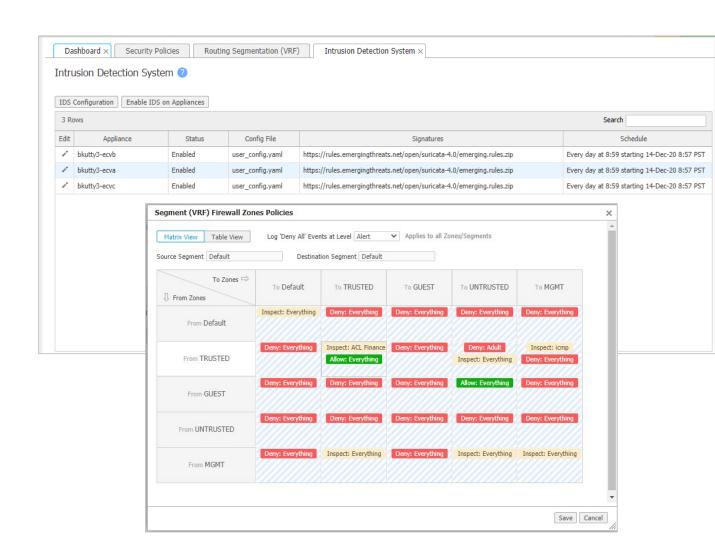


# **Security policy matrix**



## **EdgeConnect SD-WAN IDS Highlights**

- Built-in signature-based intrusion detection
- Utilizes common Aruba UTM framework
  - Automated threat feeds (from Aruba Central)
  - Threat logging to centralized collector/SIEM
  - Threat logging to Central (future)
- Integrated with zone-based firewall enabling application-level selection for inspection
  - Allow, Deny, Allow & Inspect
  - e.g., "inspect all flows on Internet link"
- Add-on "Advanced Security" license



# **Summary: Benefits of SD-WAN**

- Complete control and visibility of WAN infrastructure
- Route application traffic, not packets, based on:
  - Business importance
  - Security requirements
- Built in Firewall, end-to-end segmentation and IPS/IDS security
- Automated integration with Cloud infrastructures and Secure Service Edge providers

#### **Best-of-breed SASE architecture**

#### **Secure SD-WAN**

- SaaS Acceleration
- WAN Optimization
- Tunnel Bonding
- Zero-Touch Provisioning
- Data Encryption
- Next-generation Firewall
- Granular Segmentation
- IDS/IPS and DDoS Protection



#### **Security Service Edge (SSE)**

- Zero Trust Network Access
- Cloud Access Security Broker
- Secure Web Gateway
- Firewall as a Service
- Remote Browser Isolation
- Data Loss Prevention
- Sandboxing



