



Building a Trusted Cloud Network with SD-WAN: Enhancing Security, Performance and Reliability

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Challenges of Today



End-to-End
User Experience



Increasing network
complexity



Lack of visibility



Cost control

SD-WAN



Extreme's Vision for the Enterprise

Infinitely
Distributed

Consumer
Centric

At
Scale

- Application-optimized experiences
- Agility: Continuous innovation and frictionless delivery
- Ease of scaling SaaS adoption

Extreme's Strategy: 1 Network to Connect Everyone, 1 Cloud to Manage Everything



Wired



Wireless



SD-WAN



ExtremeCloud SD-WAN Reduces Risk and Simplifies Operations from 1 Cloud



1 Network Unified Management

- Wired, Wireless, SD-WAN

1 Cloud

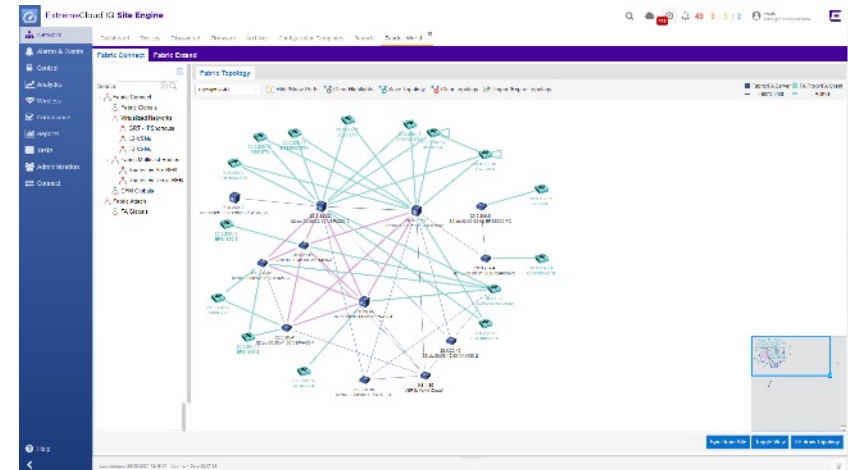
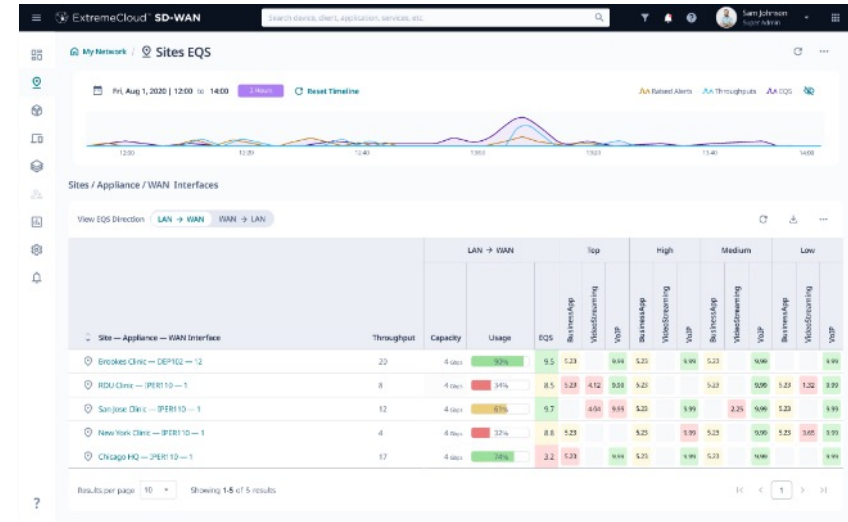
App Performance Management

- Automated app discovery, enhanced performance visualizations
- Maintenance-free on-ramps to AWS, Azure with visibility
- IPE2200 10Gbps ready



Fabric to the Edge

- Extends services across entire network
- Instant setup
- Hyper segmentation



Business and Digital Transformation Are Driving WAN Transformation



Process optimization supported by new applications

Increased business agility and time to market

Automation

Cost control

Rapid pace of change

Highly performant business critical applications must succeed throughout the organization

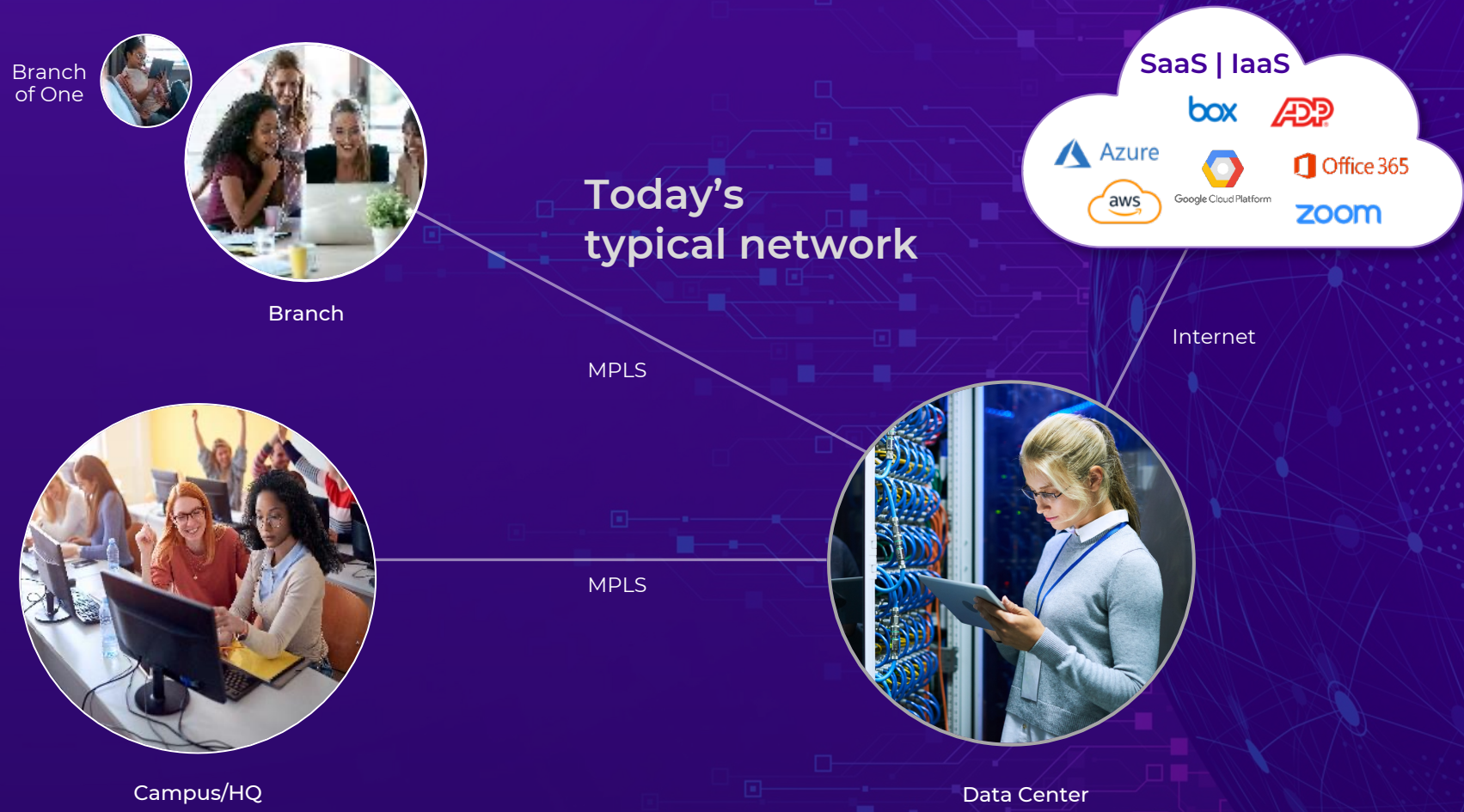
Large adoption of bandwidth hungry collaboration tools

Deployment of IoT devices with real-time throughput requirements

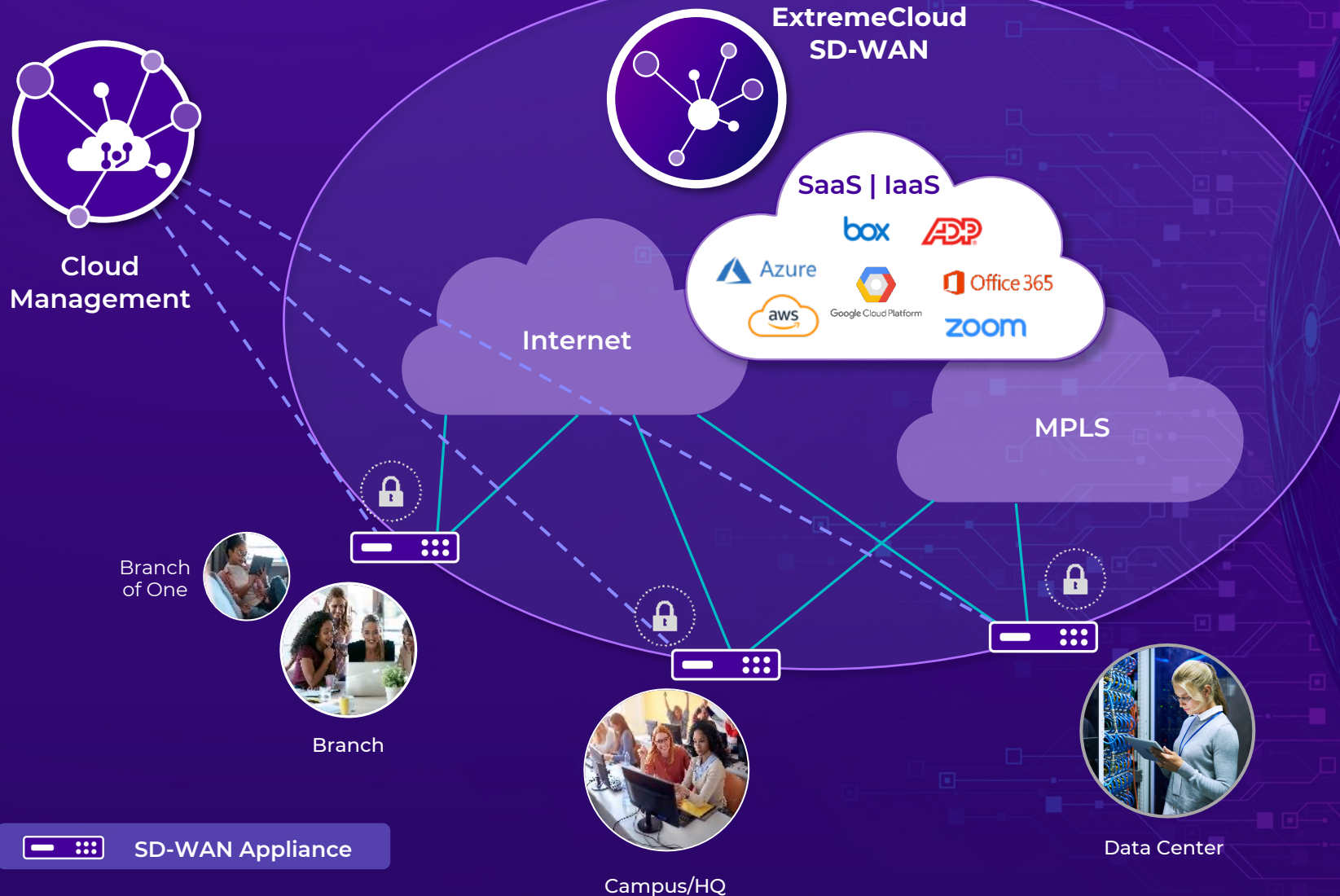
Maximize network efficiency and effectiveness.
Applications moving to the cloud

Change is constant whilst performance is non-negotiable

Legacy Networks Are Not Optimized for Cloud Applications



SD-WAN Connects People and Applications – Securely, At Scale

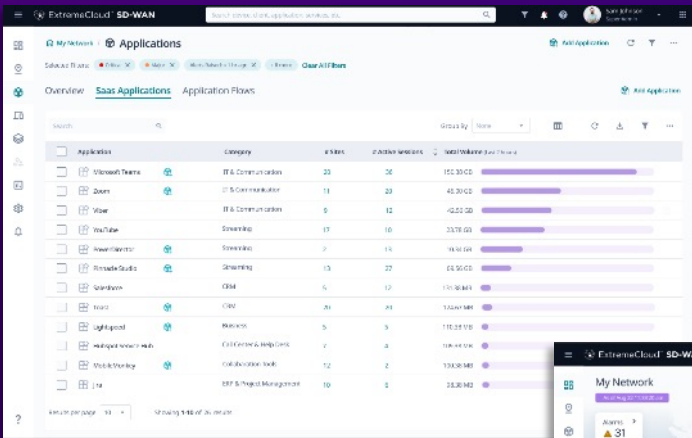


Features

Benefits

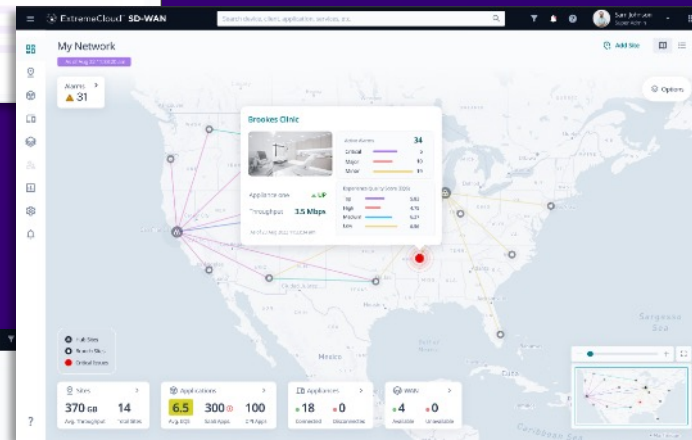
- Runs over a combination of DIA & MPLS
- Enables site specific resilience
- Supports multiple access links to each site
 - Enables hybrid cloud and SaaS migration
- Links to cloud apps
- Secures data in transit
 - Sets up encrypted tunnels for each traffic flow
 - Improves application performance
- Allows applications to be prioritized
- Application aware routing picks best path, giving best user experience

Best in Class App Performance Management: New SD-WAN Orchestrator



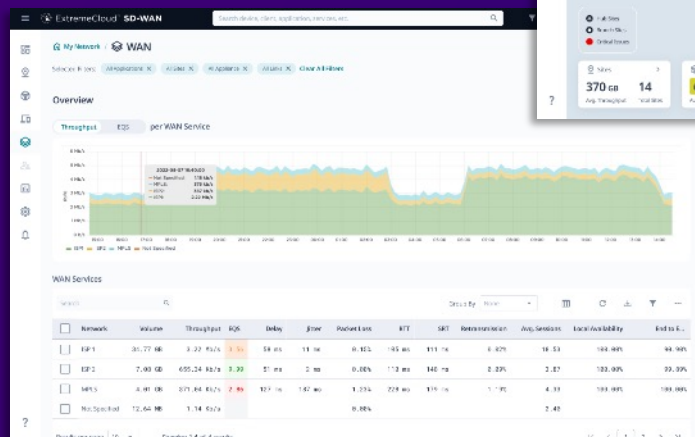
Reduced configuration time

- Automated app discovery, simplified classification and granular visualization
- Intuitive interfaces for planning, deployment, and management



Fast root cause analysis

- Leverages enhanced end-to-end observability
- Measures performance and contextualizes issues
- Enables IT to quickly identify and remediate root causes affecting user experience



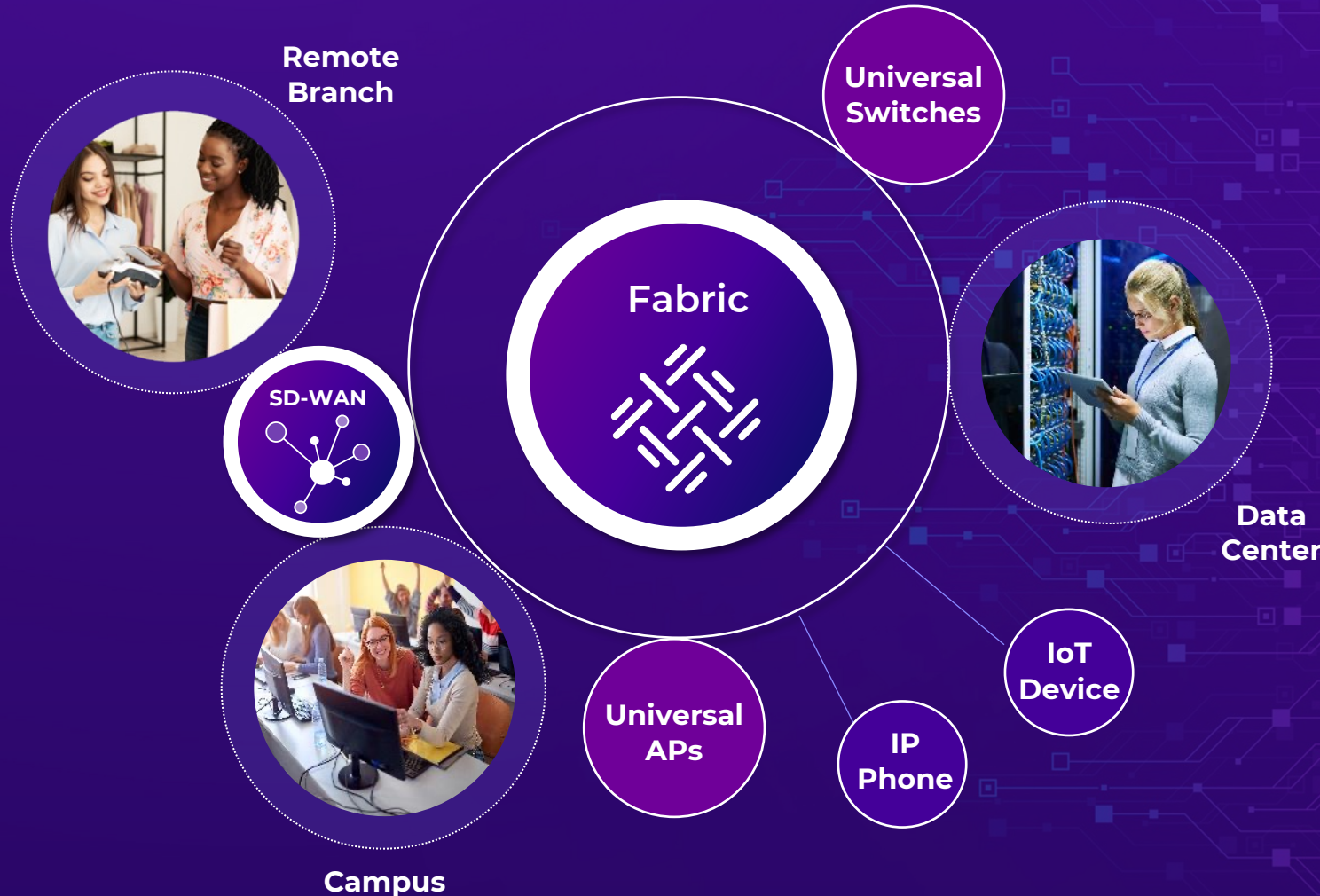
Optimized network performance and cost

- Intuitive dashboards highlight application performance
- Fully understand bandwidth utilization

Fabric Ties Together 1 Network – Reduces Risk, Simplifies Operations



Network automation that unifies and secures your network, based on industry-proven technology



Unified

- Highly scalable across **data center, campus, branch**
- Wired, wireless, SD-WAN, 3rd party devices
- IEEE 802.1Q - based

Automated

- **Instant setup**
- 11x faster time to service
- 7x better time to repair

Secure

- **Hyper-segmentation** blocks lateral movement
- MACsec compatible
- Unbreachable in hackathon events

Most widely deployed campus fabric with 5,000 customer fabrics in place!

Before: Fabric Connected Campus, Data Center But Not Branches



Universal Switches
Universal APs

Universal APs
Universal Switches
Data Center



Expensive
Metro Fiber



Campus

Universal APs
Universal Switches



Internet

VPN



Branch

Universal APs
Universal Switches



Expensive
MPLS



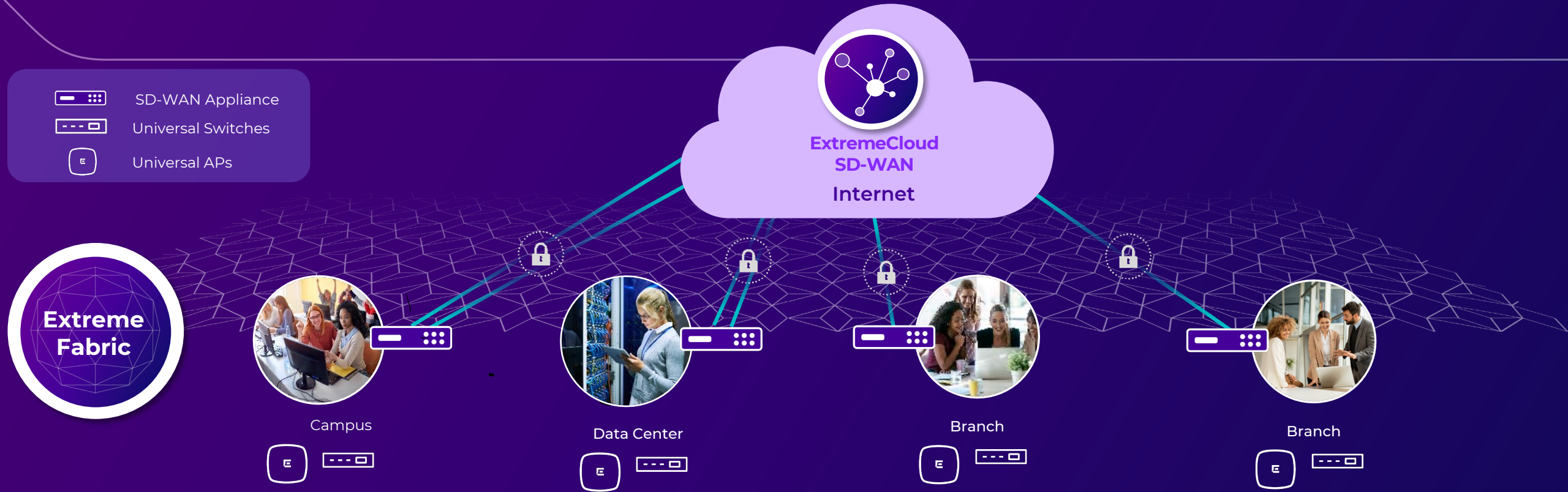
Branch

Universal APs
Universal Switches

After: Fabric Securely Extended to Branches with SD-WAN



- SD-WAN Appliance
- Universal Switches
- Universal APs



Fabric Integrated with SD-WAN

- Unified management & control
- Fabric service orchestration and security
- Hyper-segmentation across data center, campus, and branch

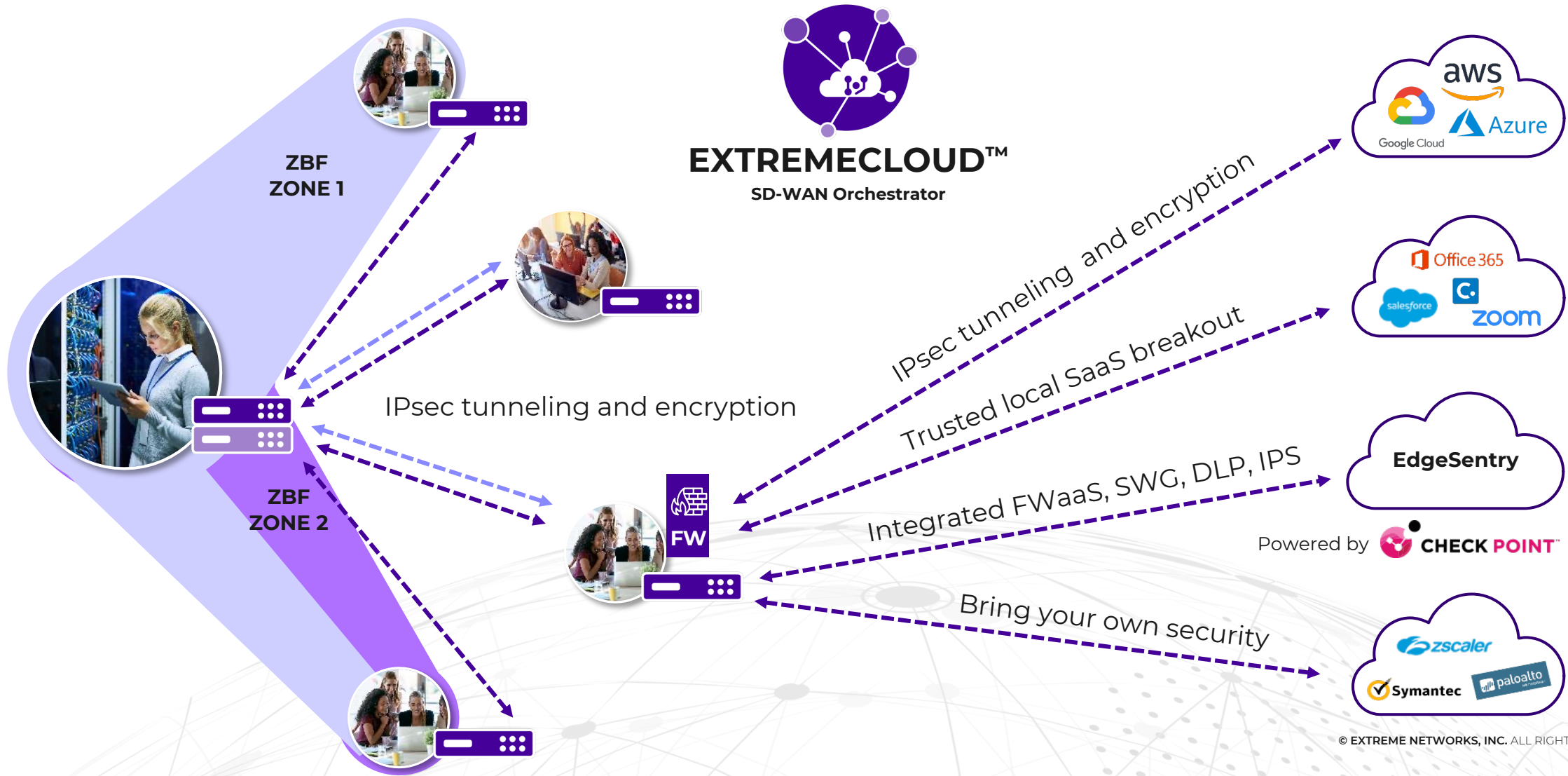
Zero-Touch Fabric configuration

- Fabric Extend automatically discovers and configures fabric capable switches and APs connected through the SD-WAN

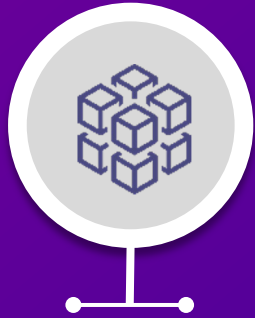
Leverage low-cost ISP access

- SD-WAN provides application performance management
- SD-WAN secures the data with IPsec
- SD-WAN enables site comms resilience

Built-in On-Prem, Optional Cloud and Advanced Security



SD-WAN Has Never Been Easier or Lower Risk



Subscription includes:

- Cloud-Native Orchestrator
- SD-WAN Services
- SD-WAN Appliances
- Application Performance Management
- WAN Optimization
- Built-in Firewall
- Support and Maintenance
- Customer Success

1. Choose a Site Size by required speeds and mounting

Desktop Mounted			Rack Mounted		
XS	S	M	L	XL	XXL
Up to 250Mbps	Up to 500Mbps	Up to 750Mbps	Up to 1Gbps	Up to 2Gbps	Up to 10Gbps

2. Pick your add-ons

High Availability	EdgeSentry
Remote Visibility + Control	Enhanced Support & Professional Services

3. Choose your subscription term: 1, 3, or 5 years



Robust SD-WAN Capabilities

PLUS

1 Cloud

Unified Management

- Wired, Wireless, SD-WAN

Increased IT Productivity



Best App Performance

- Applications Anywhere cloud on-ramps
- IPE 2200 10G-ready

Increased Business Productivity



Intuitive IT Experience

- Automated app discovery
- Enhanced application performance visualizations

Business Continuity, Optimized Costs

1 Network

Fabric to the Edge

- Extend services across entire network
- Instant set-up
- Hyper-segmentation

Increased Security

Transforming Into an Infinite Enterprise





ADVANCE
WITH US™