



Secure Access Service Edge (SASE)

Transforming Network & Security

Alexander Seiffert, RSM for SASE

Secure Access Service Edge (SASE)

*“Digital business and edge computing have inverted access requirements, with **more users, devices, applications, services and data located outside of an enterprise than inside.**”*

*“Security and risk management leaders need a **converged cloud-delivered secure access service edge** to address this shift.”*

- Gartner, 2019



SASE drivers



Hybrid Workforce

62% of employees want to work in a remote or hybrid manner

2021 SASE Trends Survey, ESG



Cloud Adoption

92% of all enterprises are now adopting a multi-cloud strategy

2021 State of the Cloud Report, Flexera



Distributed Branch Network

By 2024, more than 60% of SD-WAN customers will have implemented a SASE architecture

2020 Gartner Magic Quadrant for WAN Edge Infrastructure

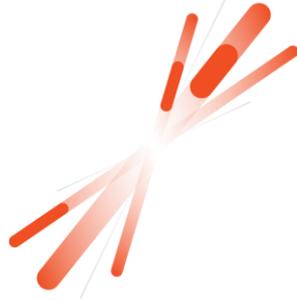
Forrester New Wave™: Zero Trust Network Access, Q3 2021

THE FORRESTER NEW WAVE™
Zero Trust Network Access
Q3 2021

- Ranked a **LEADER** in Zero Trust Network Access, Q3 2021
- **highest possible scores** in 7 criteria

“Palo Alto Networks’ reference customers endorse the vendor’s high-level value prop: viability, strategy, and engineering.”

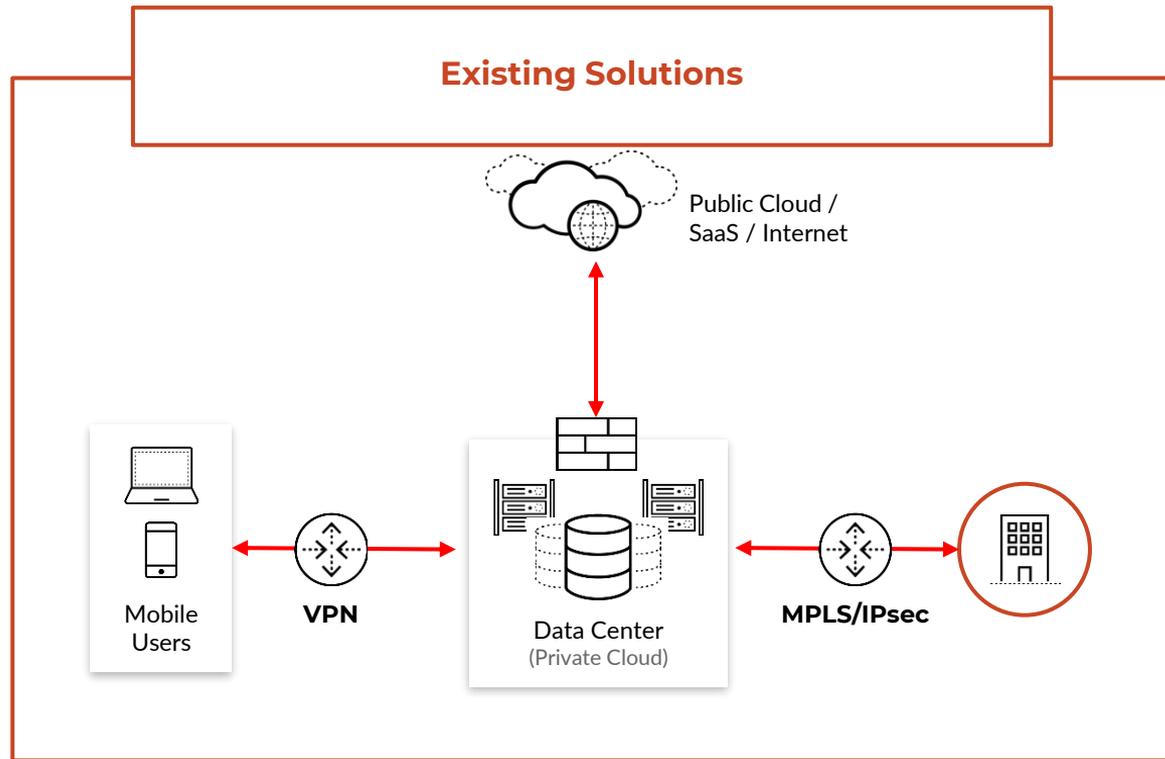
--The Forrester New Wave™: Zero Trust Network Access, Q3 2021



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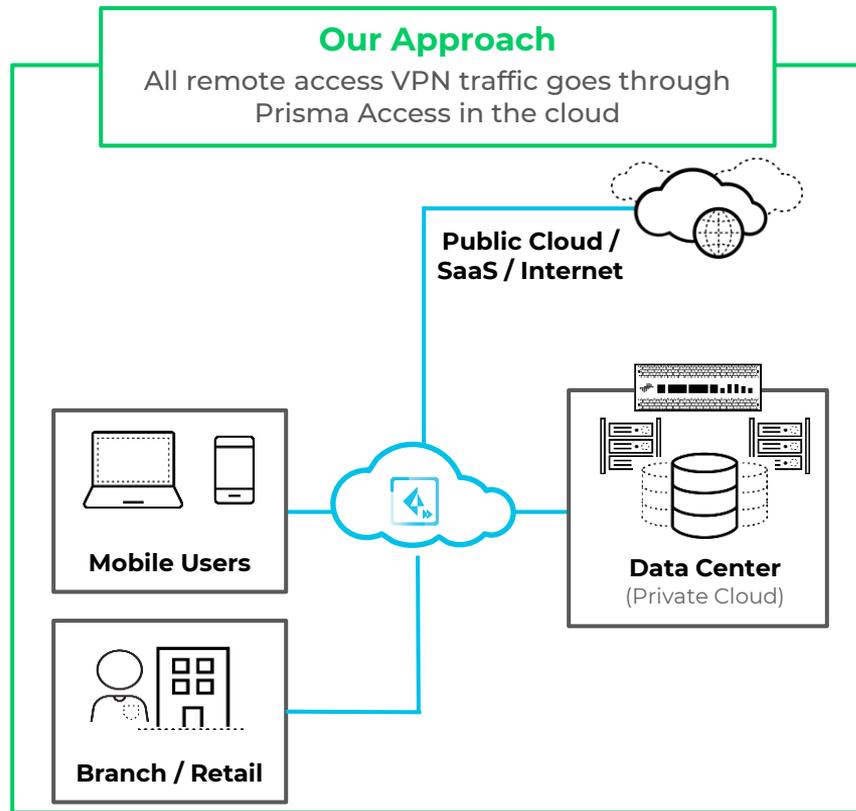
Existing WAN Solutions Come With Compromises

- Expensive
- Low bandwidth
- Slow to provision
- No scalability



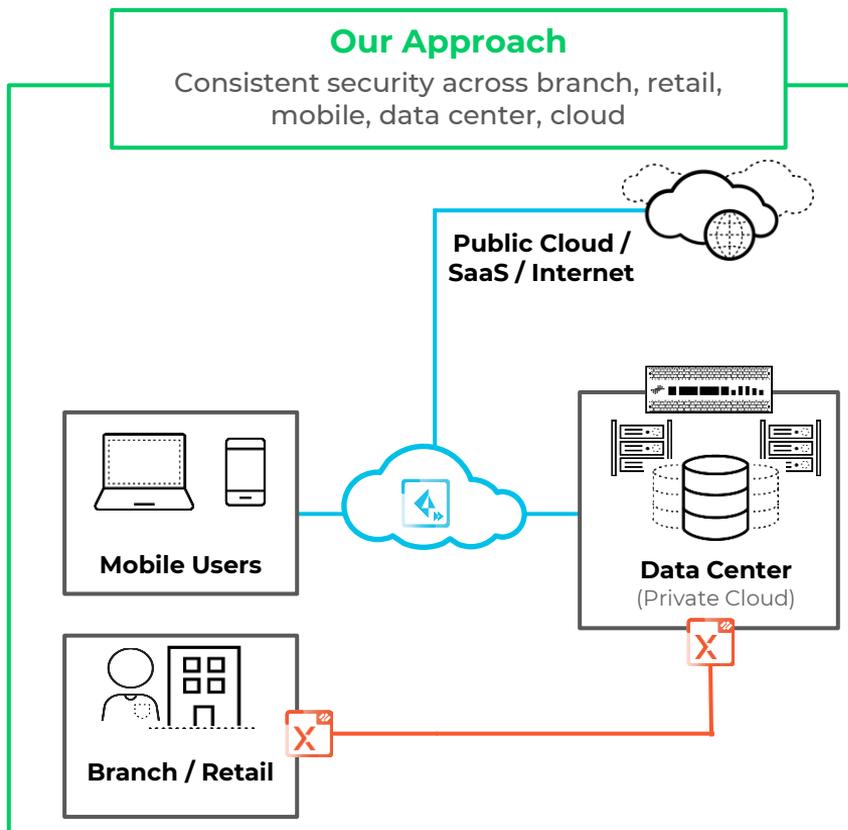
Our Approach: Prisma Access

- Global Secure Access
- Connects all users, devices, sites
- Protects all traffic



Prisma Access & Prisma SD-WAN

- Incorporates Next Gen SD-WAN
- Direct secure branch to branch, connectivity
- Consistent policy enforcement across

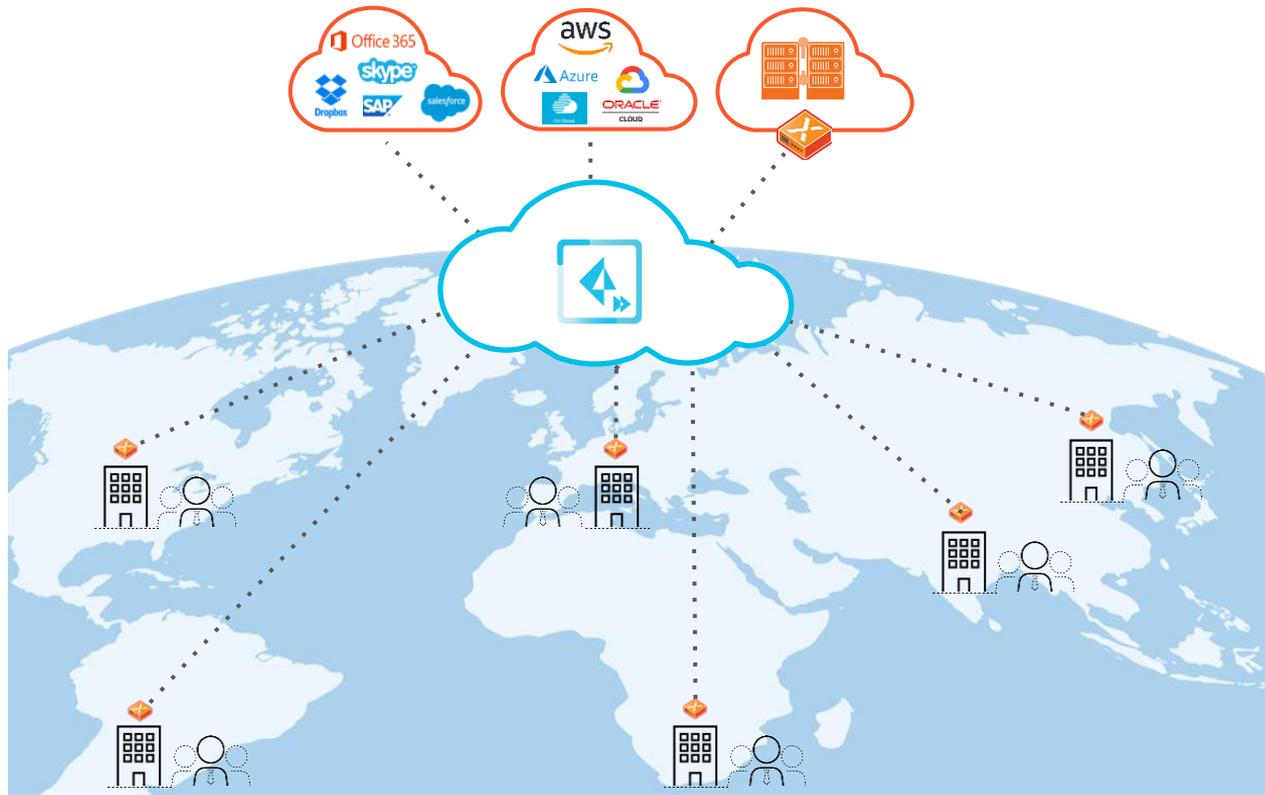


Secure Access Service Edge (SASE) Vision



Best-of-breed security and networking
Consistent policy and data model that augments functions
ML-Based autonomous operations
Cloud-Platform for full suite of IT services
RBAC-enabled workflow approach to management

Global Cloud Scale Security



- ✓ Global, private, high-performance network as a service
- ✓ SAAS latency SLAs
- ✓ Best-in-class, user experience
- ✓ Connect to other cloud workloads

Prisma Access - A Truly Cloud Native SASE



Globally Distributed

>109 locations, 76 countries



Firewall Architecture

Software-based, Hardware-neutral



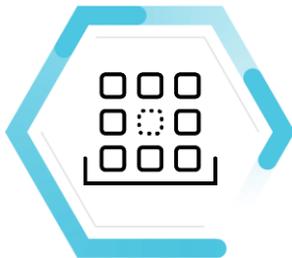
Single-Pass Architecture

SLA-Backed Efficient Security Scanning



Inspect All Traffic

Inline Decryption and Inspection at Scale



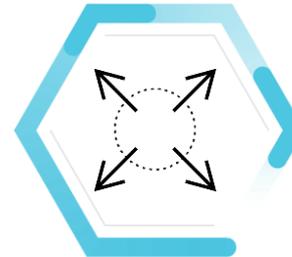
Customer Isolation

Single-tenant data plane



Multi-tenant Management

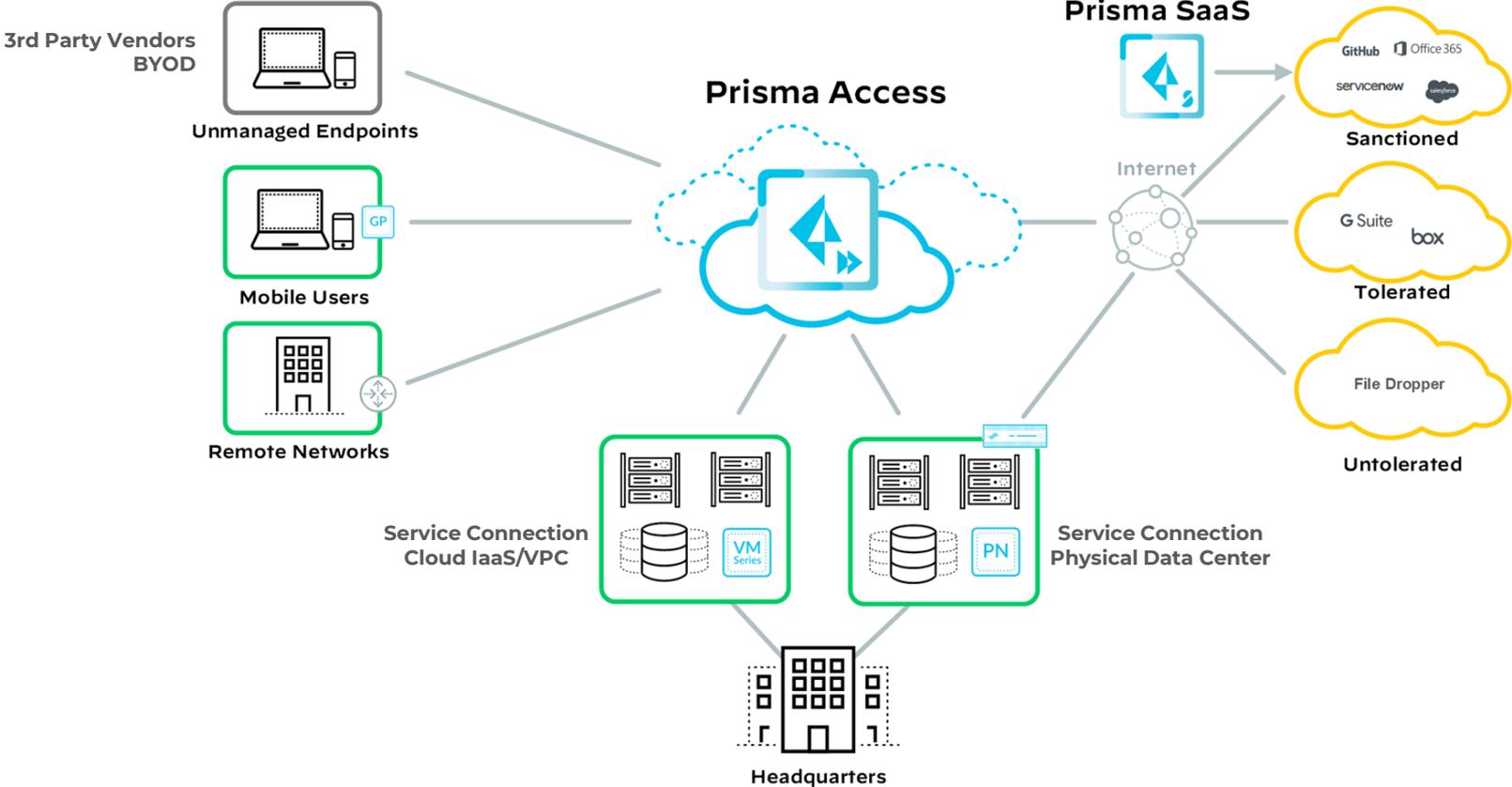
Orchestration, Automation and Operations



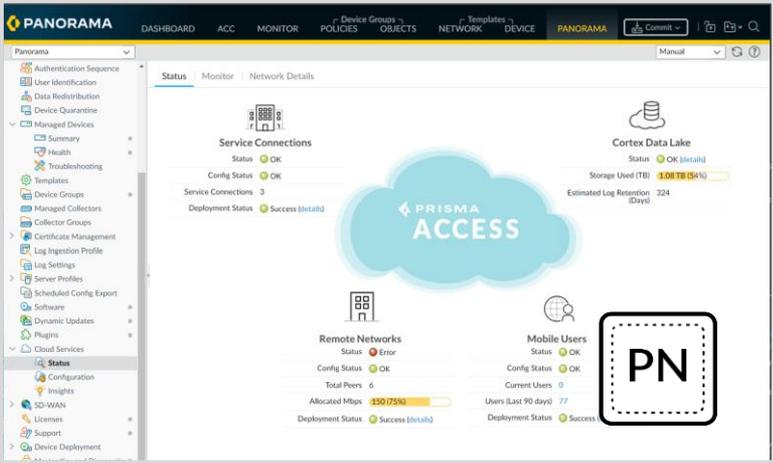
Cloud Scale

Scale Out and Back as Needed

Key Components of the Architecture

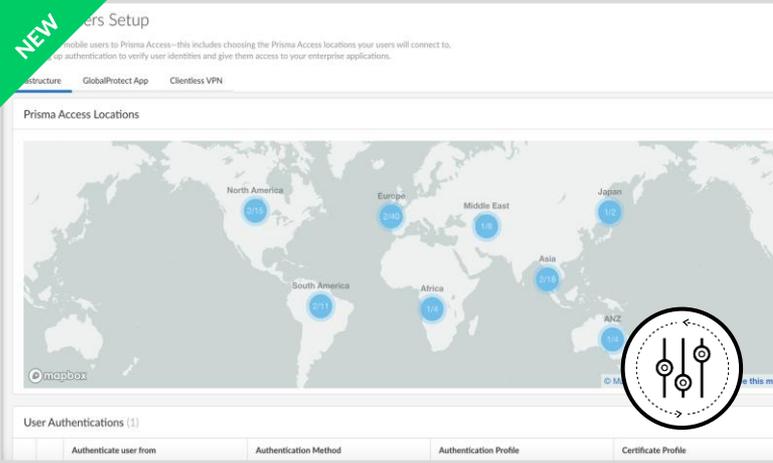


Flexible Management Options



The screenshot displays the Panorama management interface. The left sidebar contains a navigation menu with categories like Authentication Sequence, User Identification, Data Redistribution, Device Quarantine, Managed Devices, Templates, Device Groups, Managed Collectors, Collector Groups, Certificate Management, Log Ingestion Profile, Log Settings, Server Profiles, Scheduled Config Export, Software, Dynamic Updates, Plugins, Cloud Services, Status, Configuration, Insights, SD-WAN, Licenses, Support, and Device Deployment. The main content area is titled 'Status' and shows 'Service Connections' with a status of 'OK' and 'Cortex Data Lake' with a status of 'OK'. A large blue cloud icon labeled 'PRISMA ACCESS' is centered. Below it, 'Remote Networks' and 'Mobile Users' are listed with their respective statuses. A dashed box labeled 'PN' is overlaid on the bottom right of the interface.

**Manage NGFW and Prisma Access
with Panorama Plug-In**

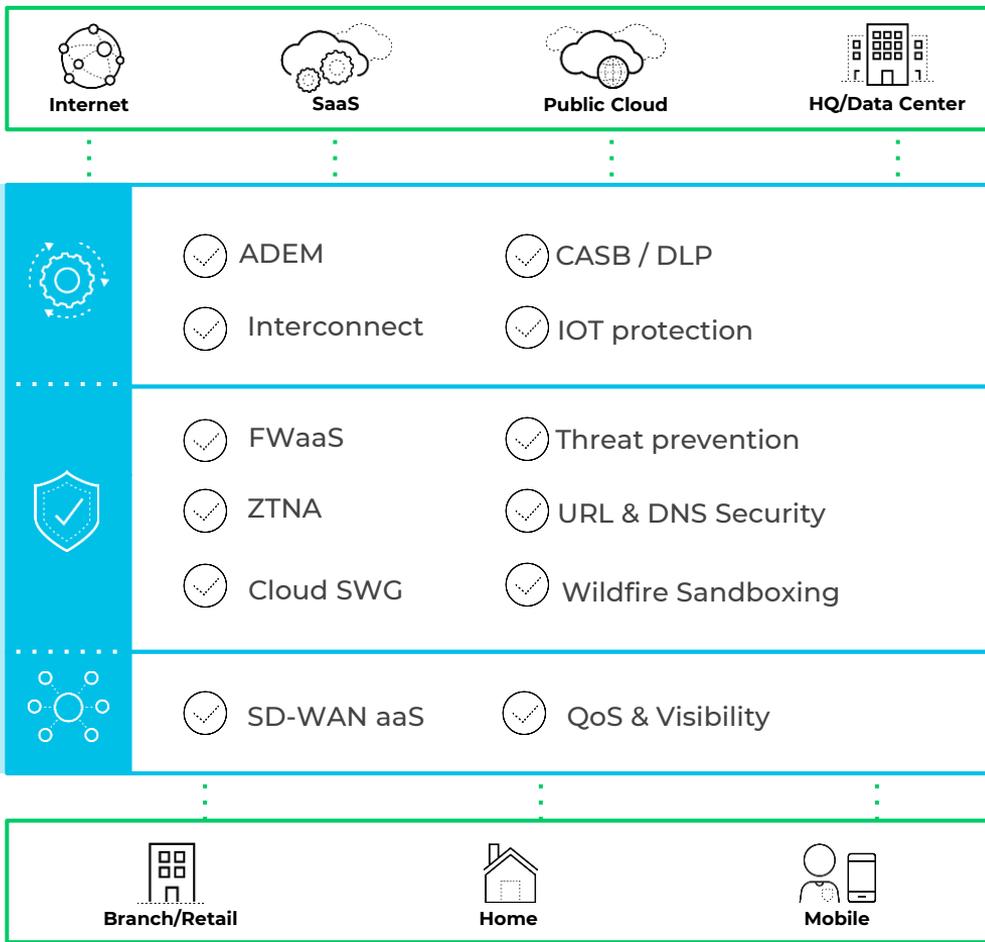


The screenshot shows the 'Users Setup' interface for Prisma Access. A green banner at the top left says 'NEW'. Below it, there's a section for 'Prisma Access Locations' with a world map showing various regions like North America, Europe, Middle East, Japan, South America, Africa, and Asia. A circular icon with a network diagram is overlaid on the map. Below the map, there's a 'User Authentications' section with a table that has columns for 'Authenticate user from', 'Authentication Method', 'Authentication Profile', and 'Certificate Profile'.

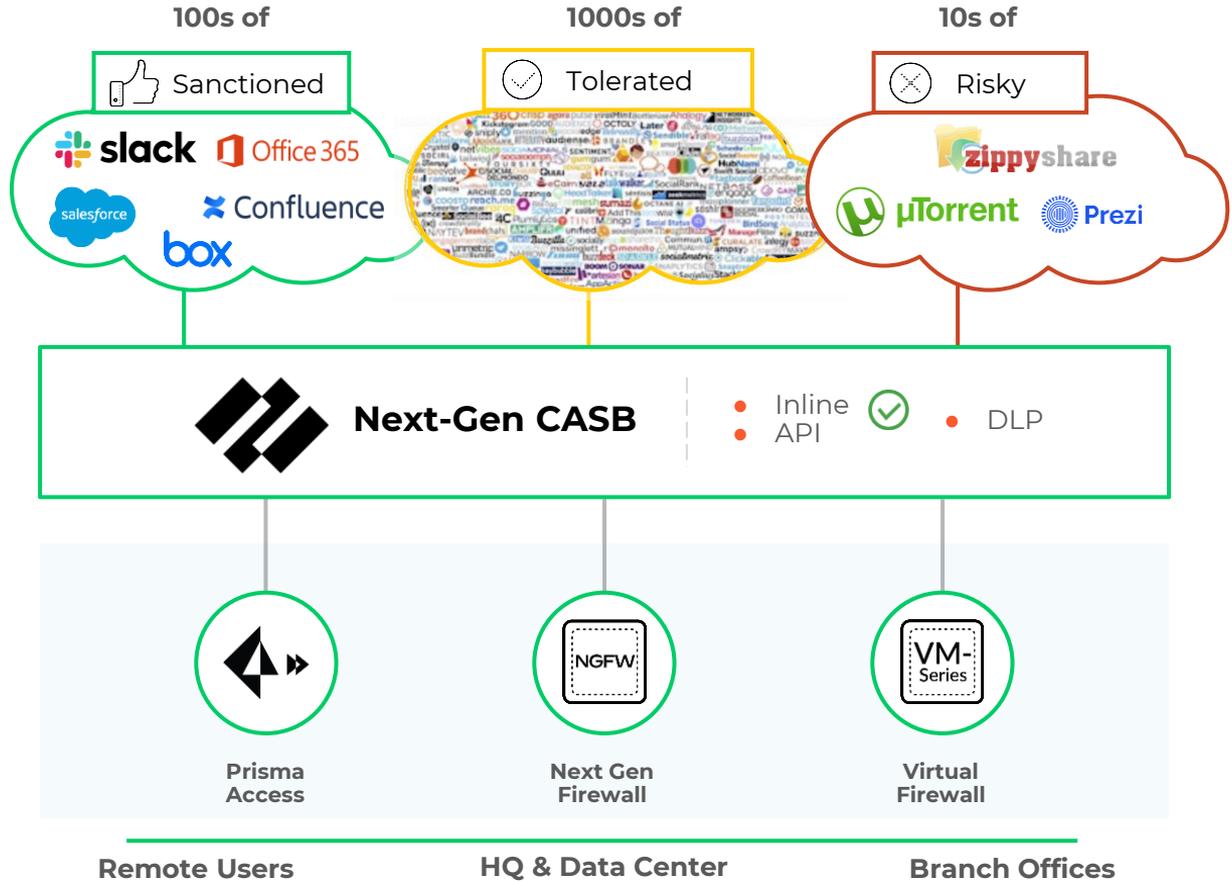
**New customers enjoy full cloud-based
Management Experience**

Complete SASE Solution

- ✓ Most complete SASE portfolio on the market
- ✓ Native Integration of all components
- ✓ Flexibility to add use cases and functionalities



Next-Gen CASB

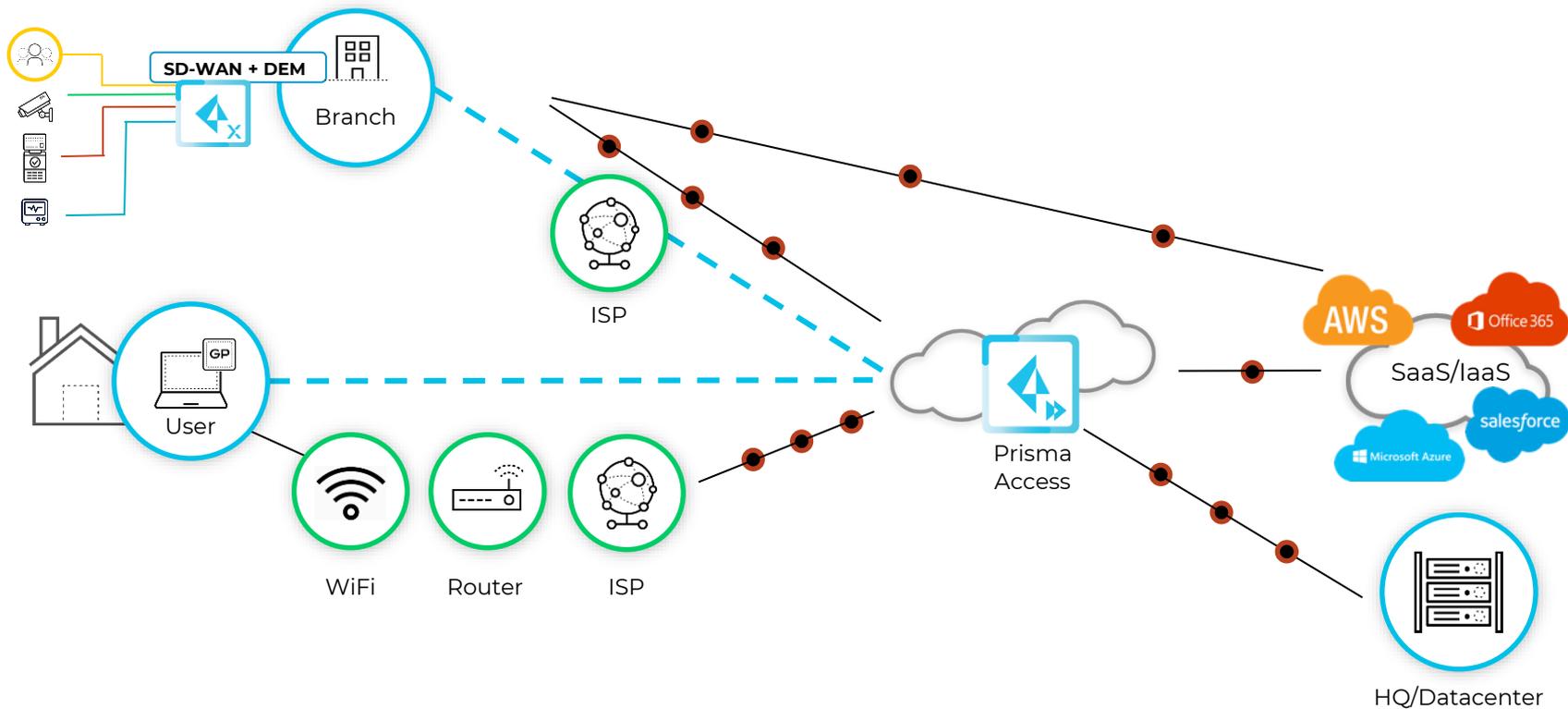


✓ Best in Class Visibility
Uncovers SAAS App usage,
shared data, enforces policies

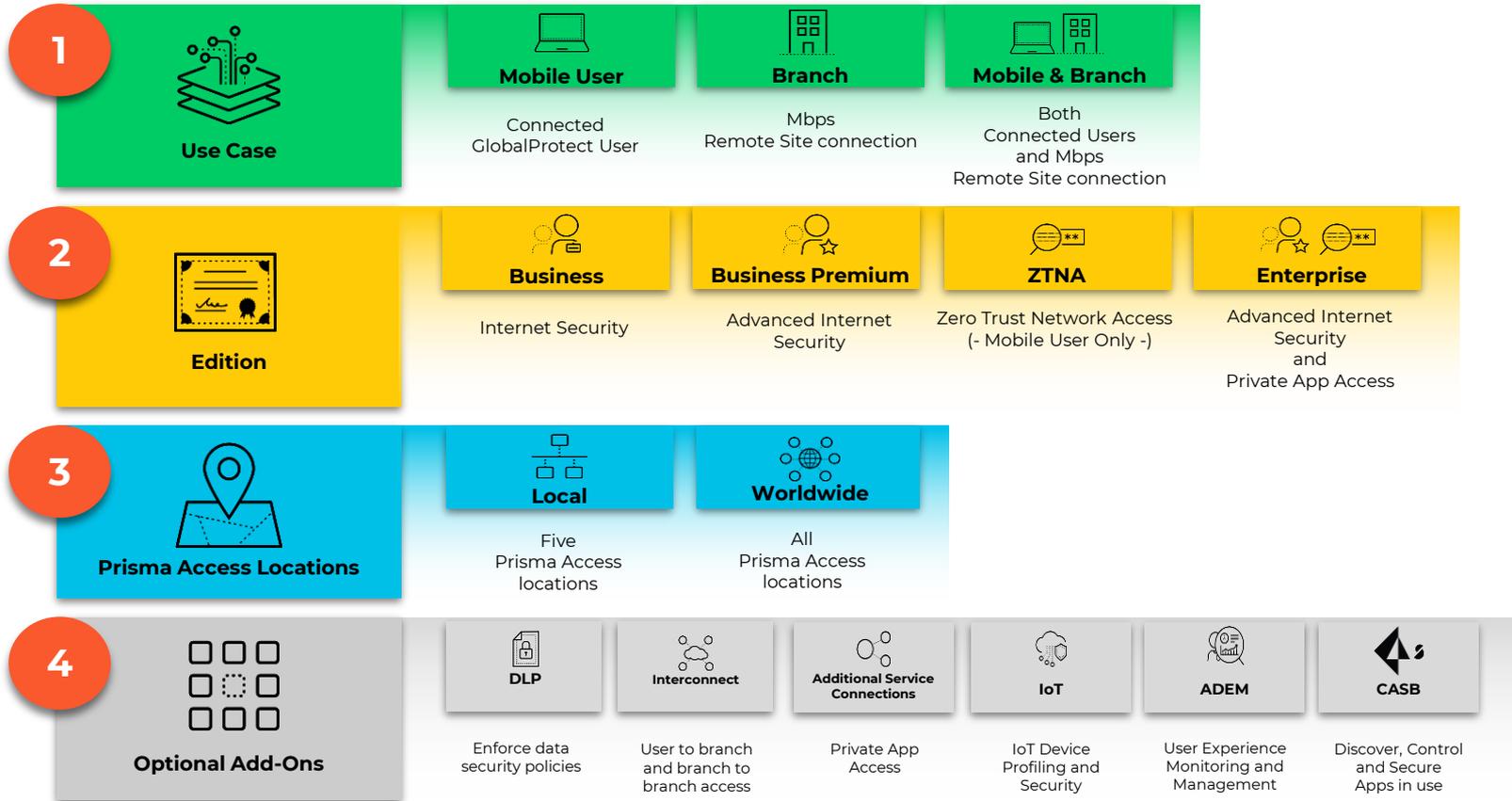
✓ Consolidated in one platform
from one leading vendor

✓ Best in Class Visibility
Uncovers App usage, shared
data, enforces policies

ADEM - Full Visibility into App Performance



Prisma Access Packaging Overview





Thank you

