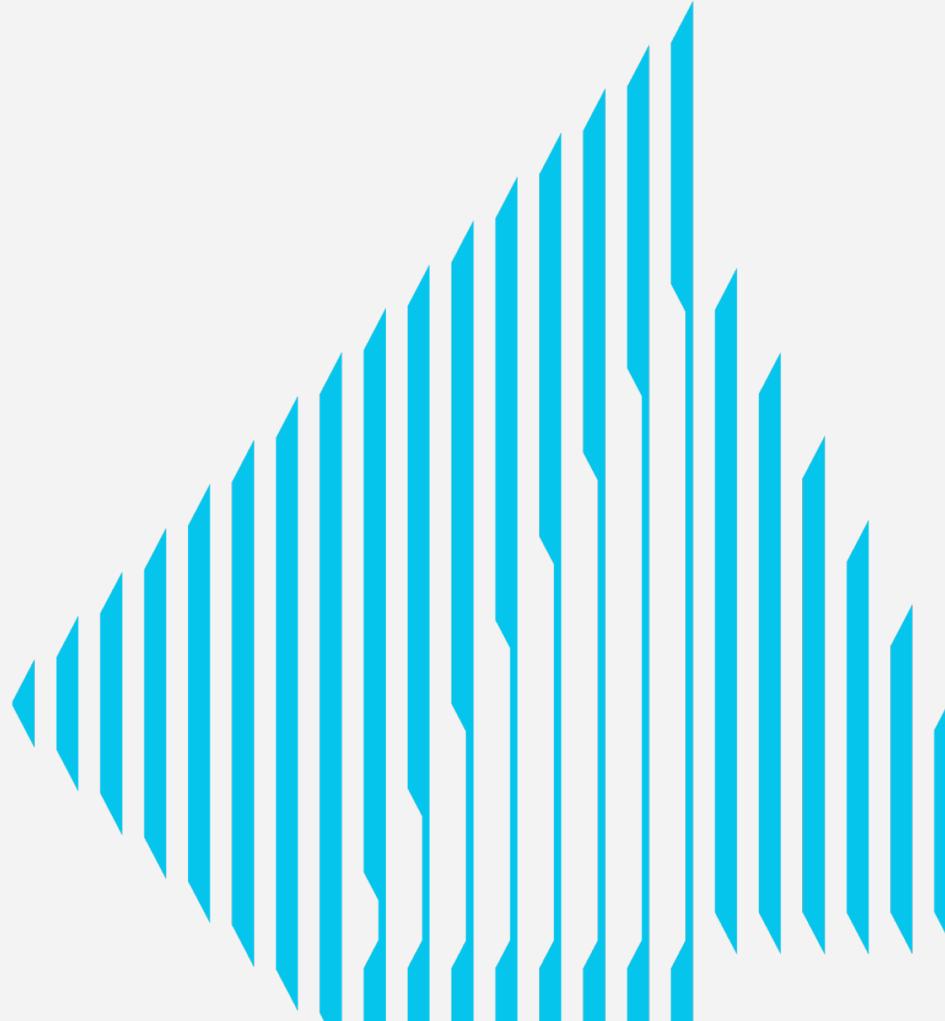


# Prisma SASE

## Comprehensive & Unified Network Security Platform

---

Jerry Lin  
SE  
paloalto Networks



# 傳統網路架構已經無法滿足當今雲端優先的使用環境



## 無法擴展 **Unable to Scale**

傳統 hub and spoke 網路架構與資安部署，無法因應雲端應用的擴展需求



## 安全落差 **Security Gaps**

不同地點間缺乏一致的資安控管能力與政策，將增加資料外洩的風險



## 差勁的使用者體驗 **Poor User Experience**

所有流量導入總部以進行安全檢查，將導致額外的延遲與差勁的使用者體驗

# 什麼是SASE？何時需要他？

## SASE Convergence

### Network as a Service



Connect it

### Network Security as a Service



Secure it

Sensitive Data Awareness

Threat Detection

Market Convergence

- SD-WAN
- Carriers
- CDN
- WAN Optimization
- Network as a Service
- Bandwidth Aggregators
- Networking Vendors

- Network Security
- CASB
- Cloud SWG
- ZTNA/VPN
- WAAPaaS
- FWaaS
- DNS
- RBI

Secure Access Service Edge

CDN: content delivery network; RBI: remote browser isolation; WAAPaaS: web application and API protection as a service.  
Source: Gartner  
ID: 441737



混合工作  
Hybrid Working



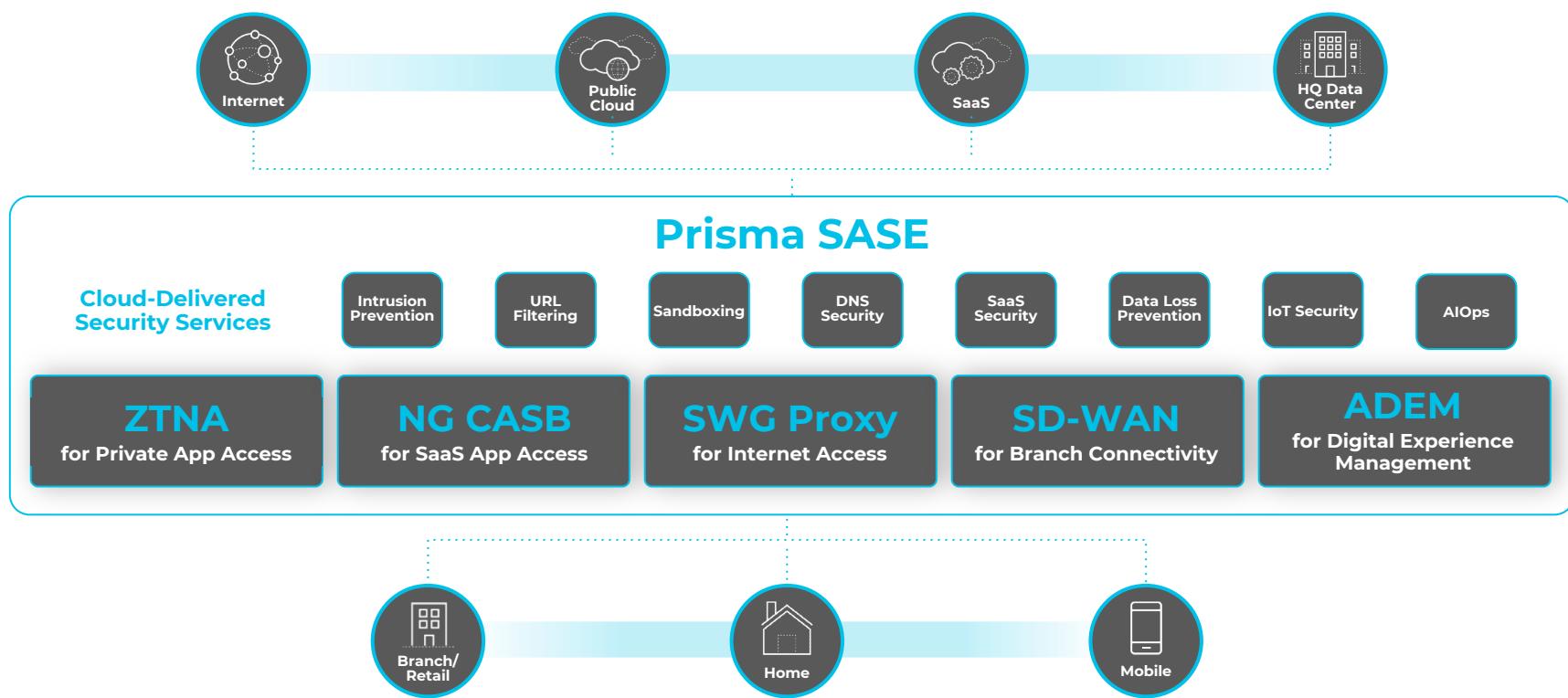
雲端與數位化轉型  
Go Cloud & Digital Transformation



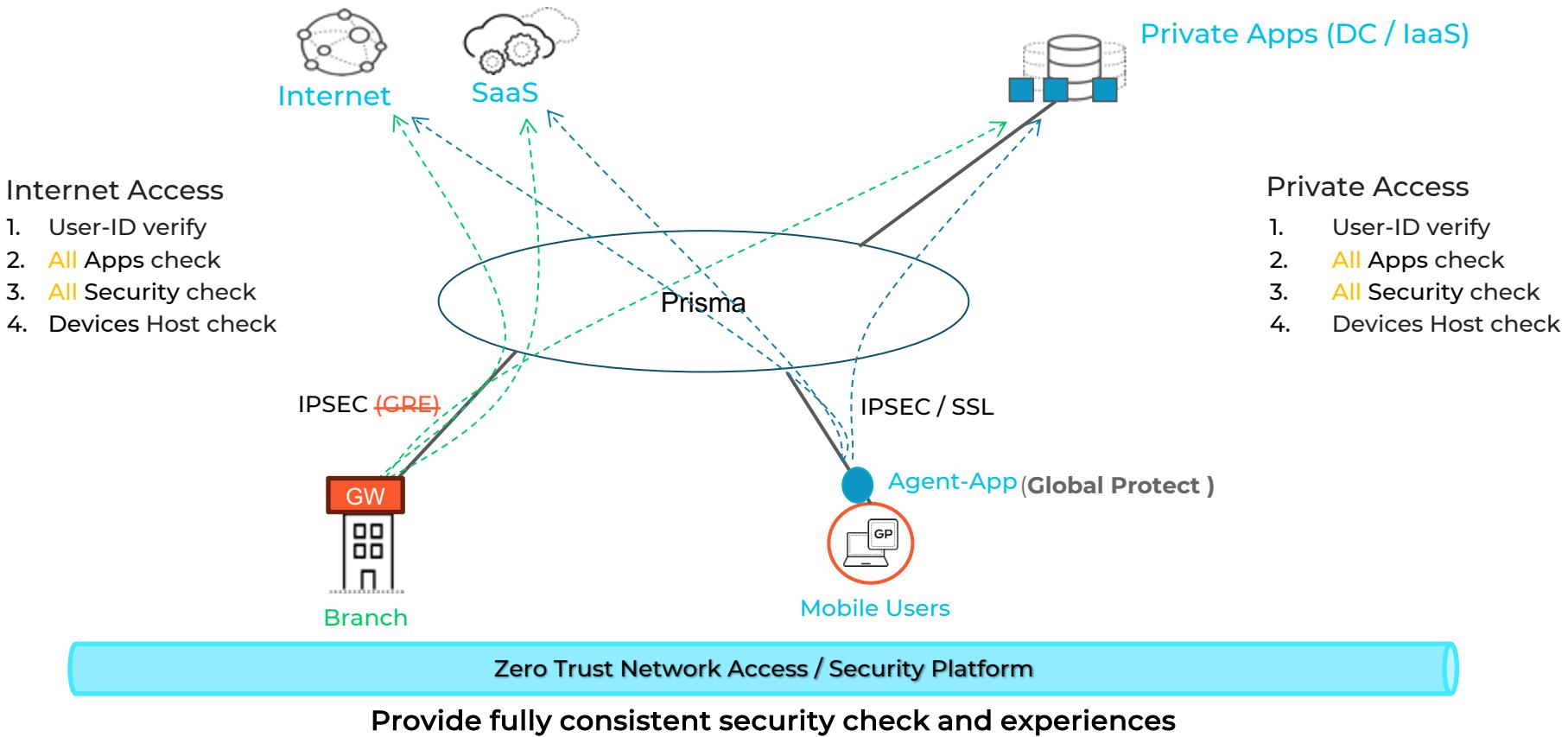
分公司架構轉型  
“Thin” Branch Transformation

# Palo Alto Networks Prisma SASE

業界最完整的單一業者SASE 解決方案

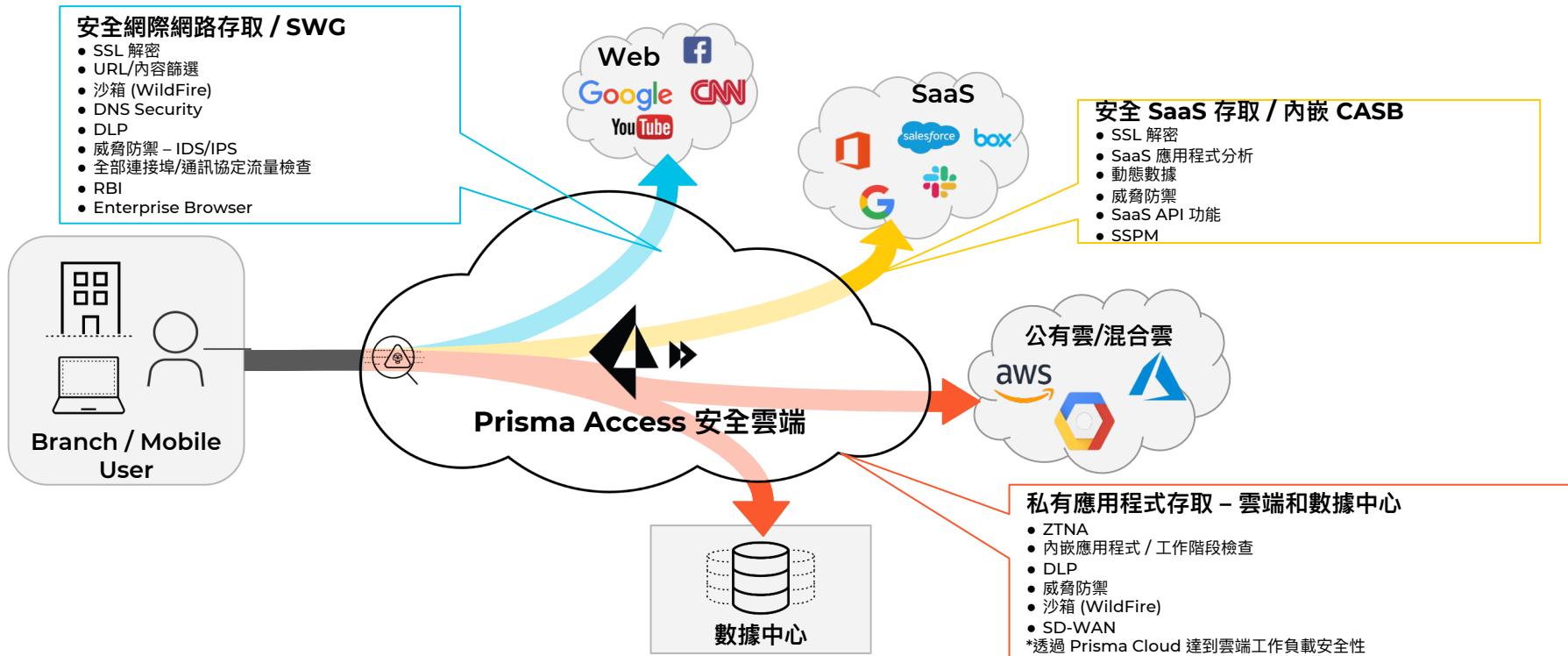


# Full Security with Prisma SASE



# Prisma SASE - 最佳安全資安雲平台

網際網路安全性 + 安全 SaaS 存取 + 私有數據中心和雲端應用程式存取



## PRISMA ACCESS 提供



**ZTNA 2.0**



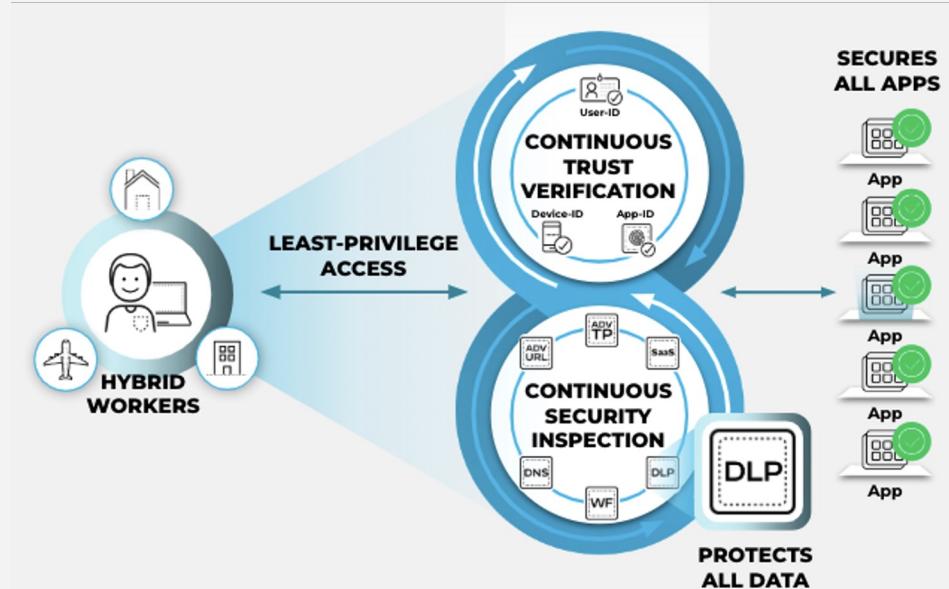
最佳使用者體驗



單一整合平台

# ZTNA 2.0

# PRISMA SASE 落實 ZTNA 原則



## ZTNA (2.0)

最小權限存取

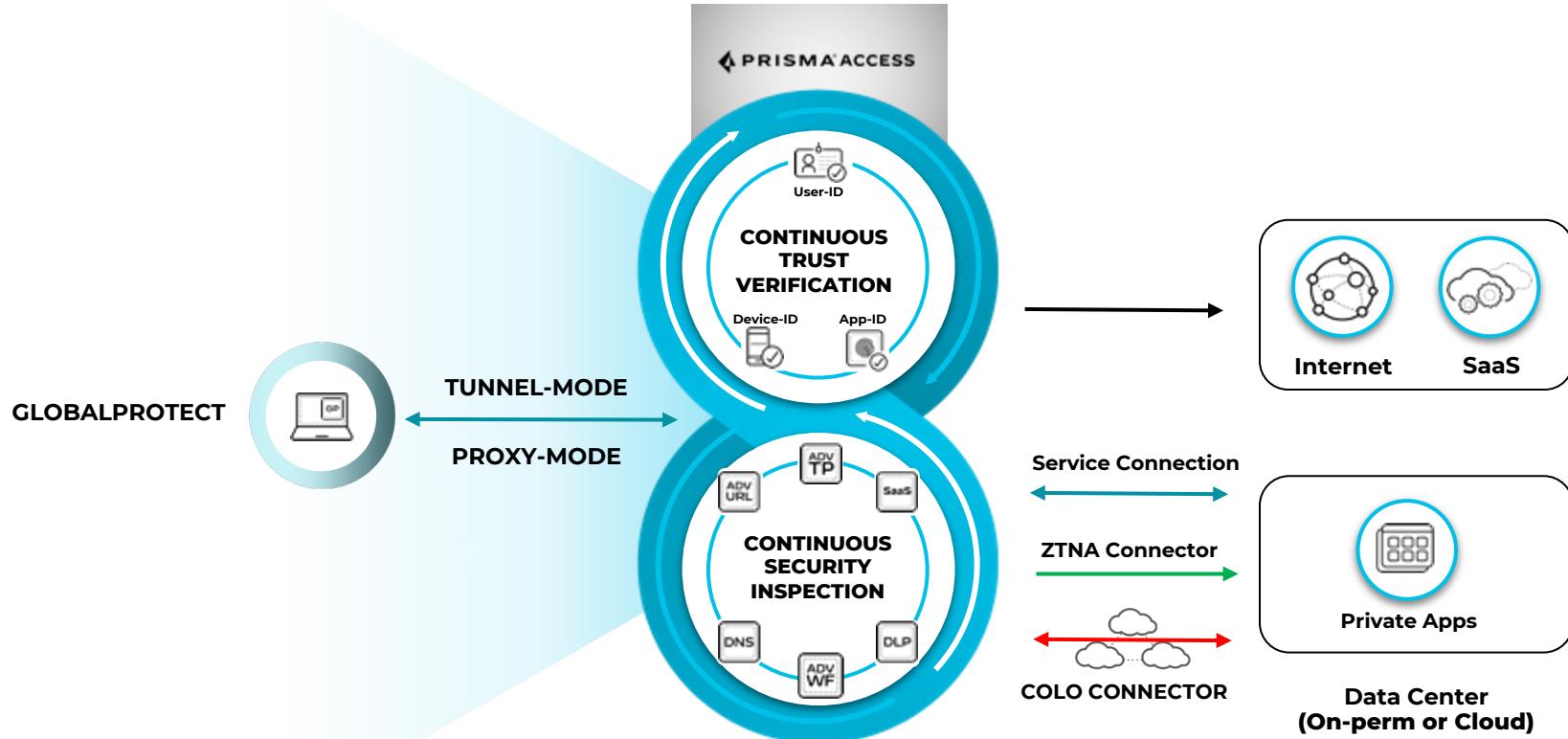
持續確認信任

持續安全檢測

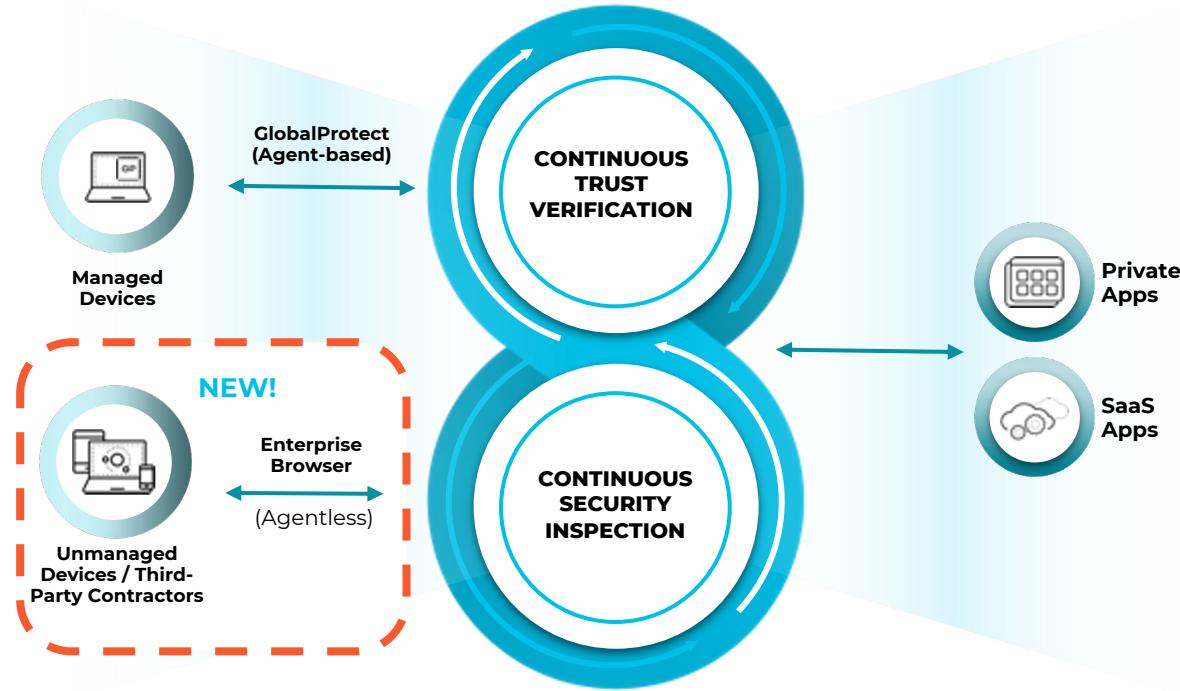
保護所有資料

守護所有應用

# 同一平台保護所有流量



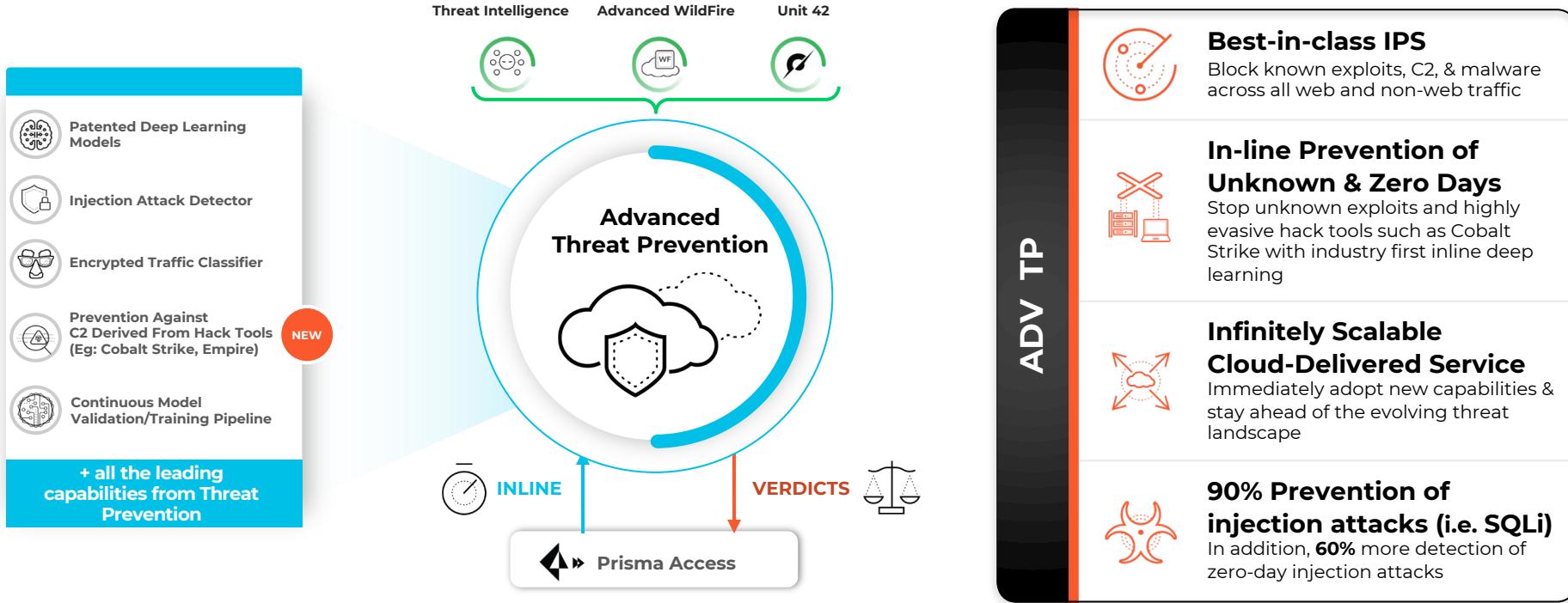
# 創新的企業瀏覽器保護BYOD與非企業管理裝置



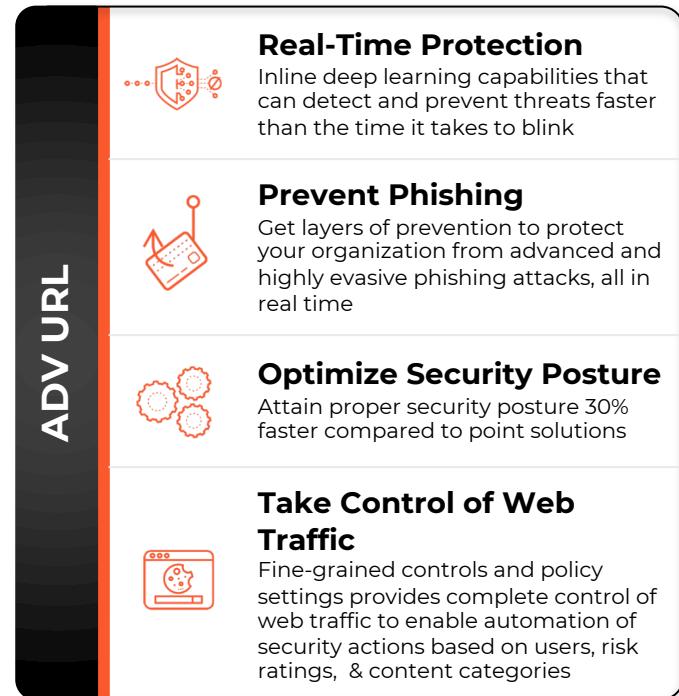
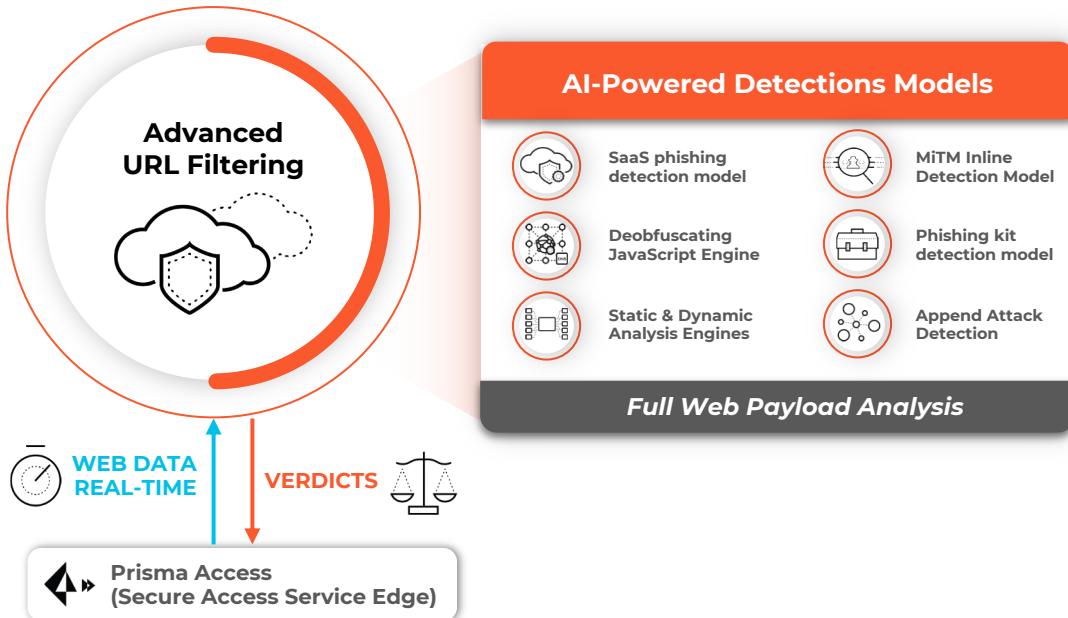
## Enterprise Browser Use Cases

- 為非管理裝置提供對企業應用程式的安全訪問
- 企業瀏覽器成為「工作」瀏覽器和跨所有類型裝置存取企業應用程式的主要方式
- 降低成本、提高生產力、優化效能、簡化入職培訓

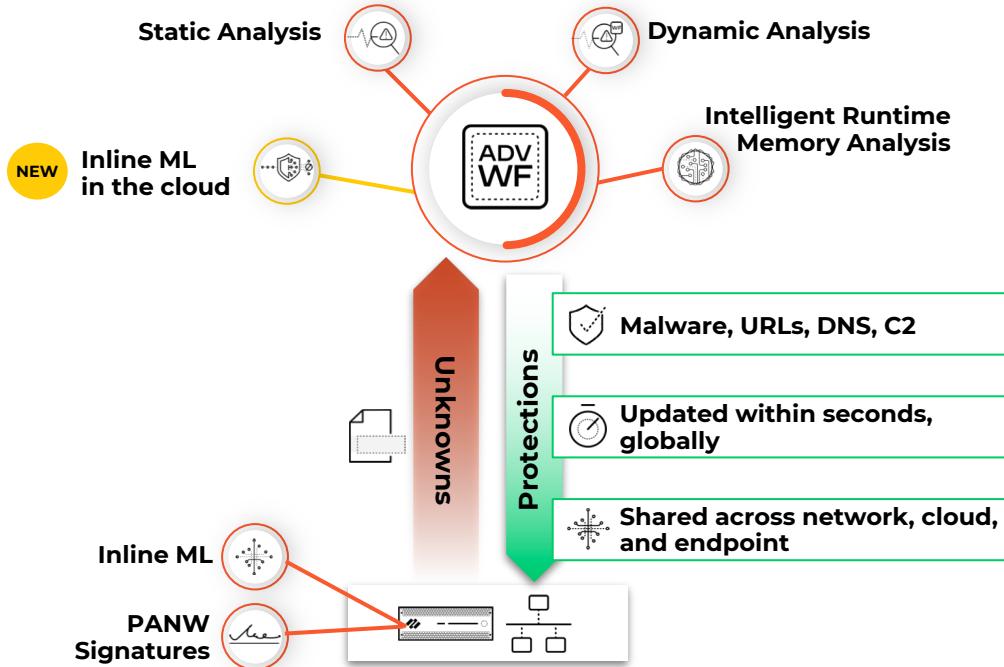
# ATP (Advanced Threat Prevention) IPS功能



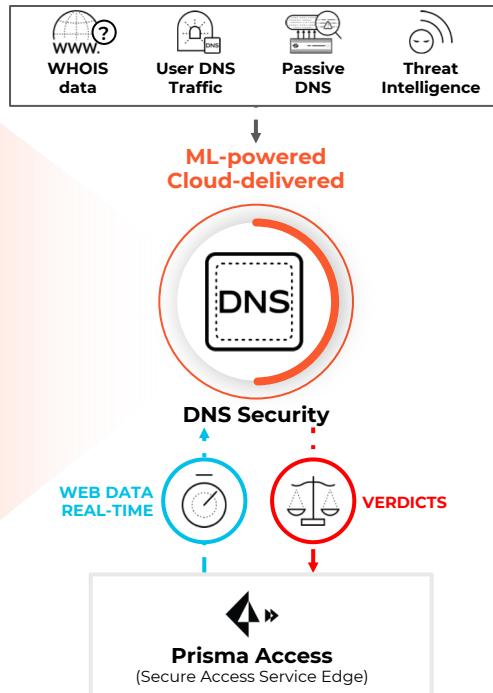
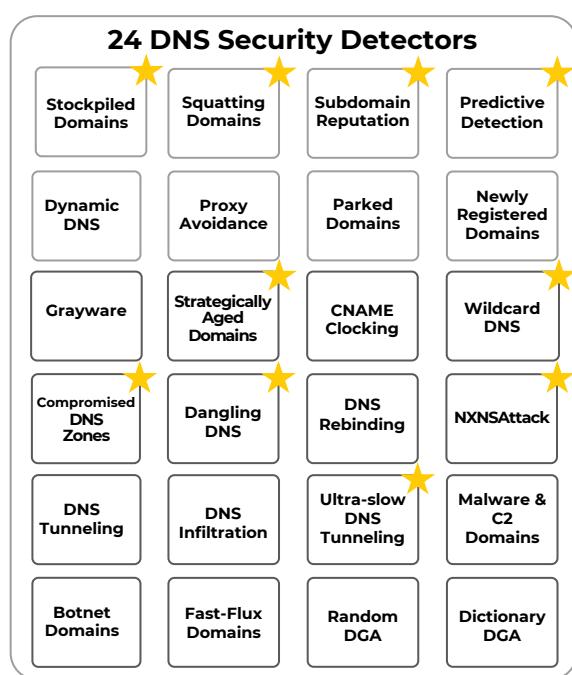
# 透過AI技術偵測防禦的 Web 保護引擎



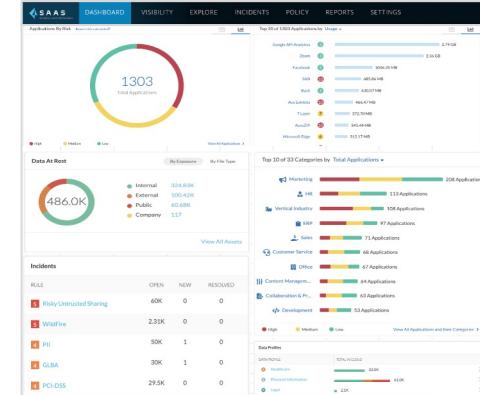
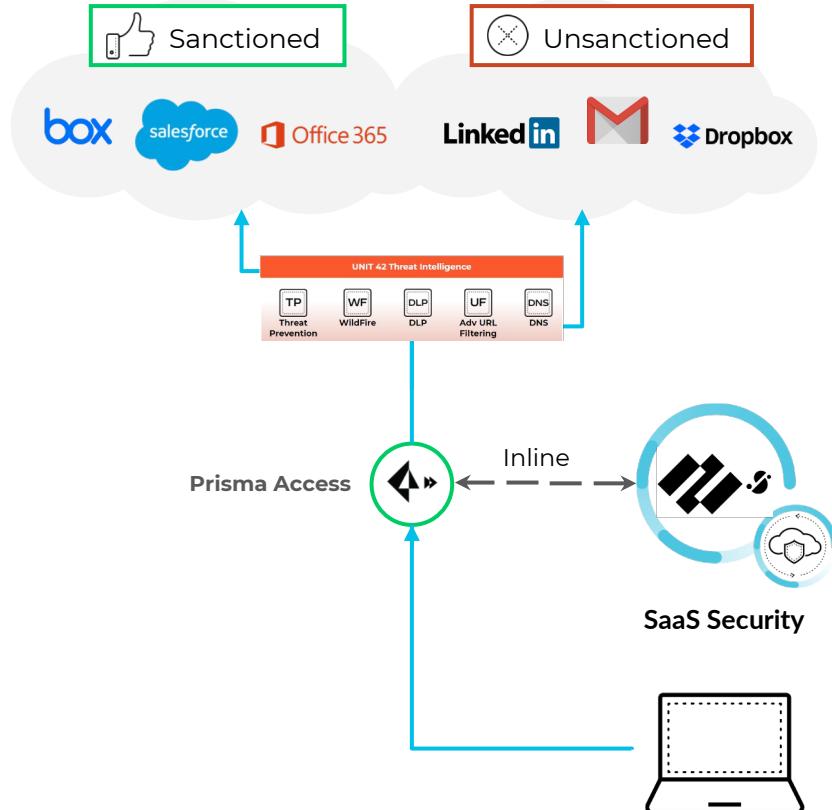
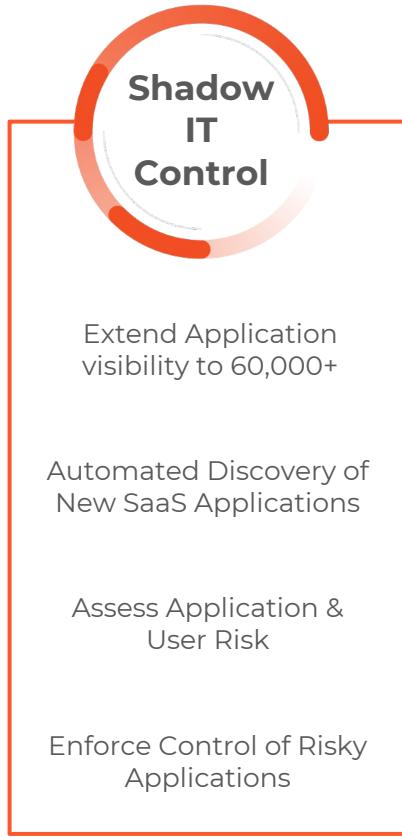
# 業界最大的 Malware 防護引擎



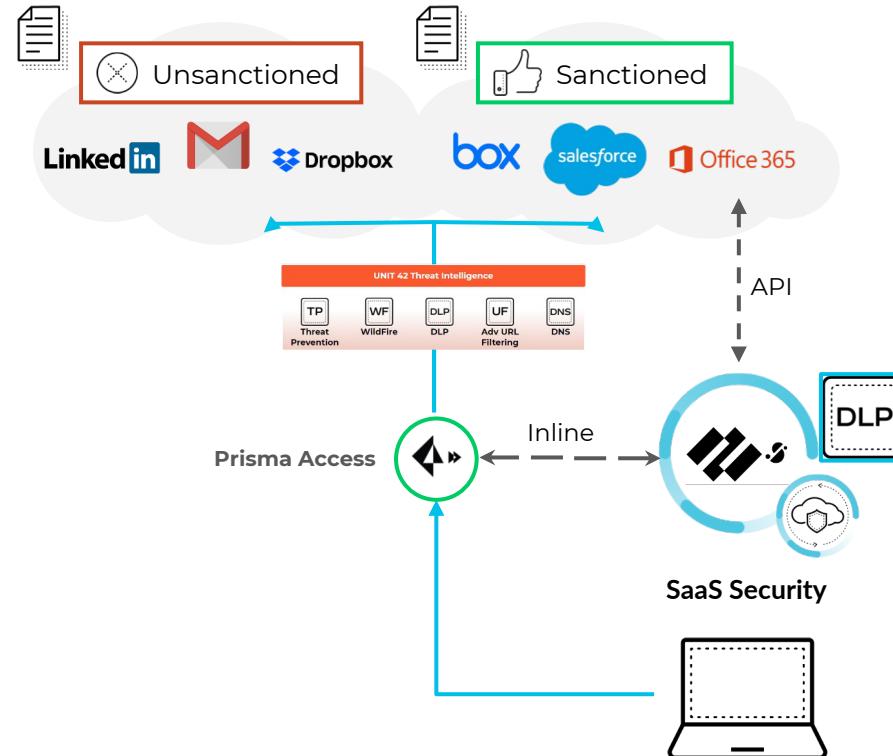
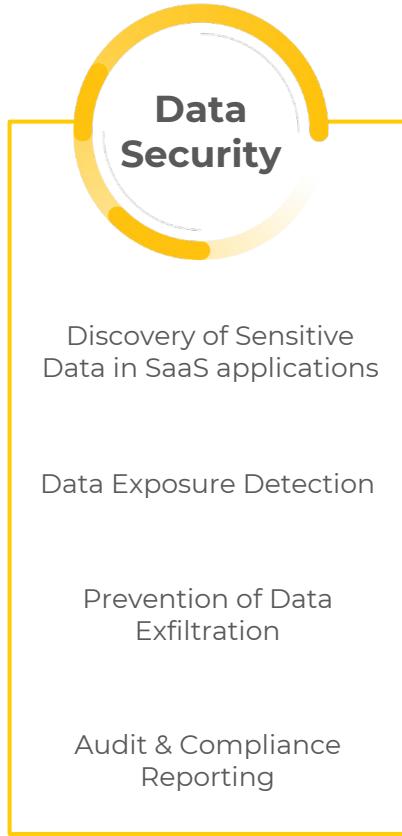
# 業界最完整的 DNS 安全解決方案



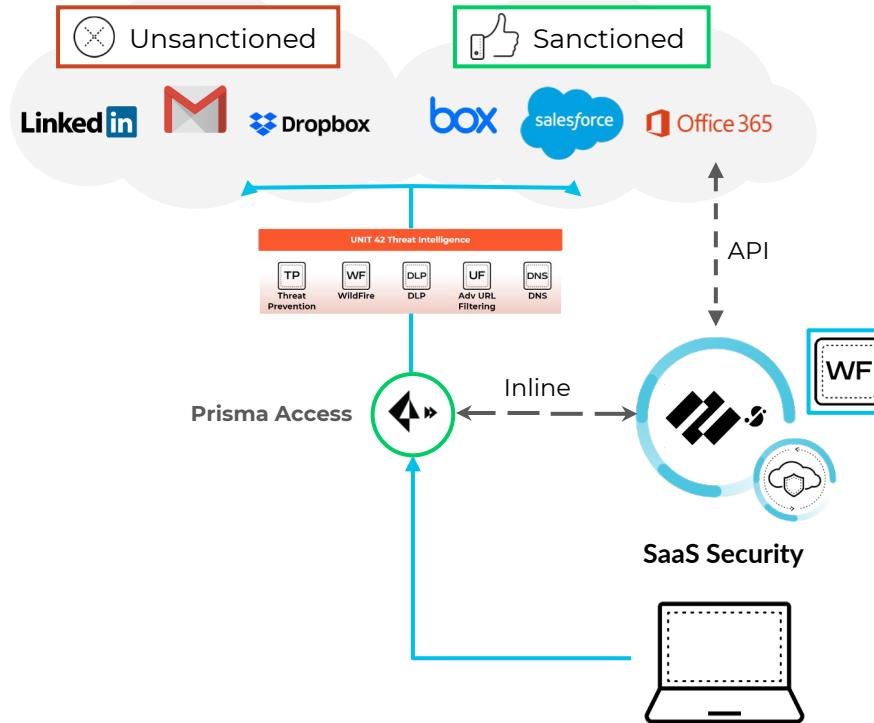
# SaaS 應用:即時可視性與控制



# 資料安全與法規遵循 At-Rest and In-Motion



# 基於ML機器學習的威脅防禦



# Native RBI FOR PRISMA SASE



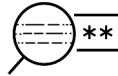
## Superior Isolation Technology

**Combines the latest tech** for a truly secure isolation channel that helps prevent zero-day attacks



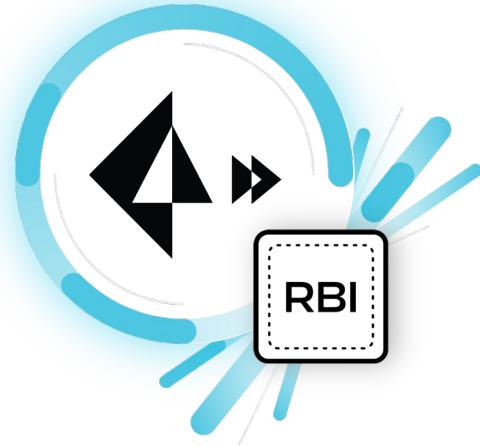
## Near-Native Browsing Experience

Websites and apps **look crisp & feel interactive** as if users were browsing natively

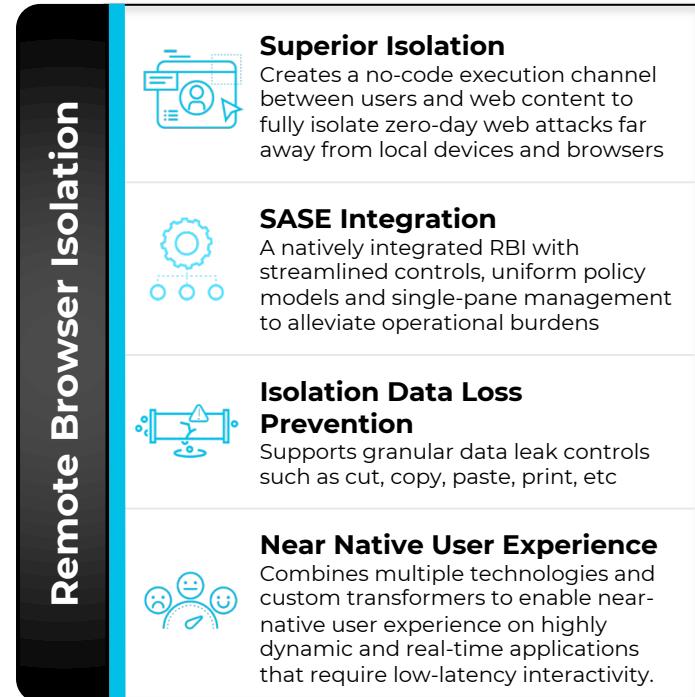
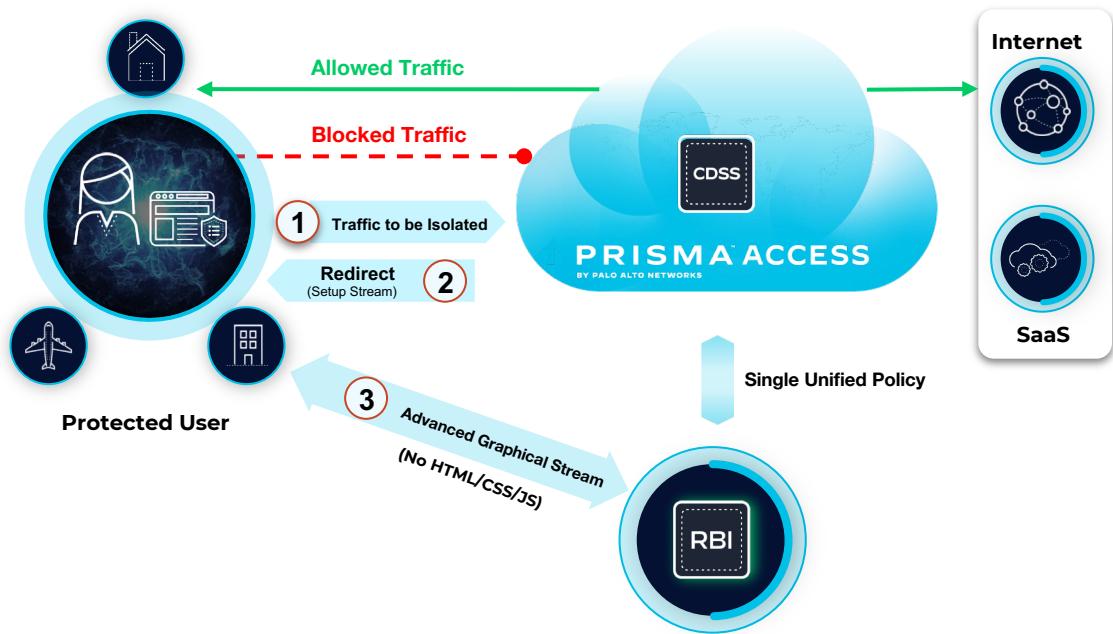


## Native Integration with Zero Trust Security

**Natively integrated** with Prisma Access for uniform policy models and management pane



# Remote Browser Isolation



# 最佳使用者體驗

# **PRISMA ACCESS**

提供  
業界最佳使用者體驗



最高可用度  
**99.999%**  
正常運作時間.

最低延遲  
**10ms**  
安全處理時間.

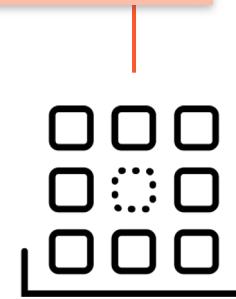
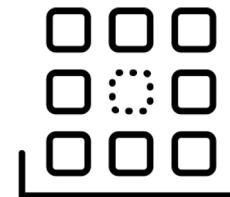
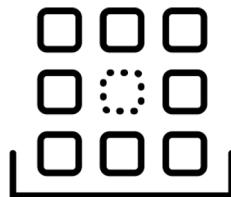
業界唯一  
**SaaS**  
性能服務品質SLA.

# 雲原生的部署和全球覆蓋

超過100個節點覆蓋，SLA服務品質保證



雲端或本地端管理平臺 / 雲端編排系統 / 雲端監控運維平臺

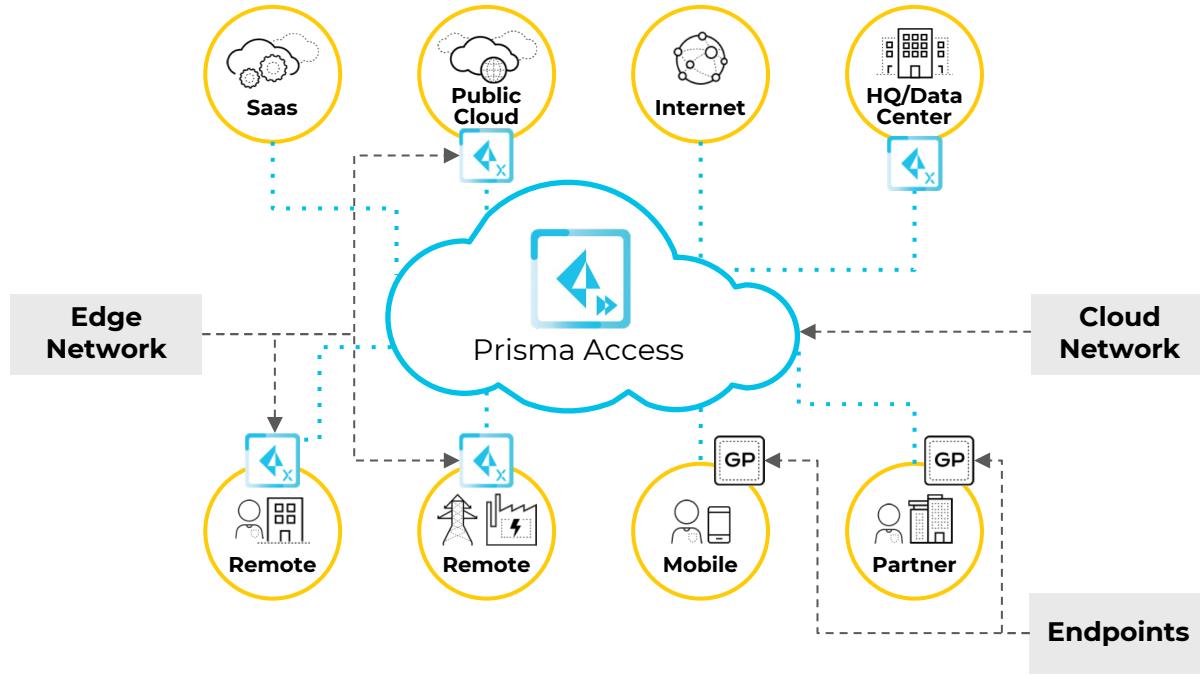


- GCP與AWS雲平台部署
- 全球76個國家,超過100個接入點(PoP)
- 99.999% uptime SLA
- 10ms security processing SLA
- SaaS performance SLA

- SASE多租戶機制
- 每租戶100%獨享數據平面
- 租戶間資源完全隔離
- 避免共用影響性能與安全隱患

# Prisma SASE: 數位體驗管理 (自動化) - ADEM

GP 整合的端點、WiFi 和綜合 + Prisma Access 的流量可視性



SASE 原生 DEM

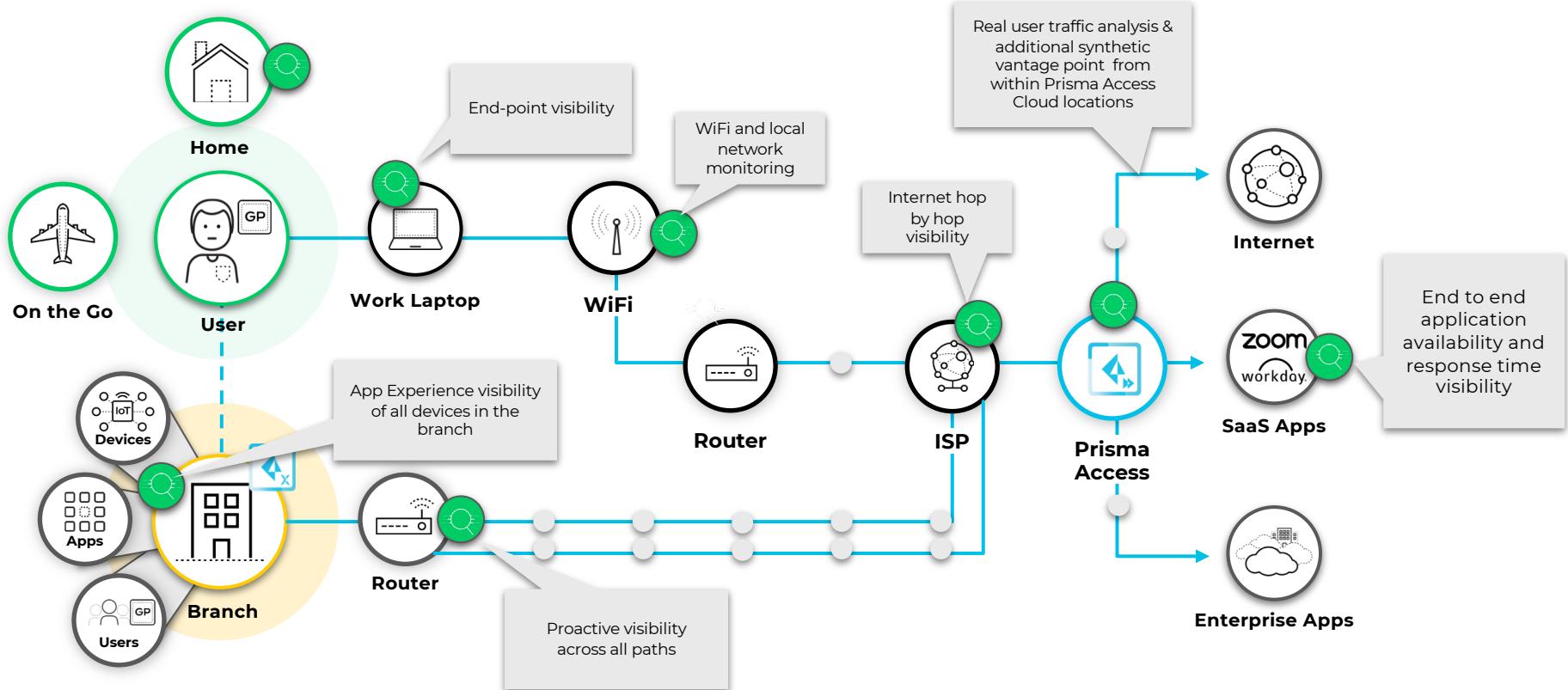


全面的可視性



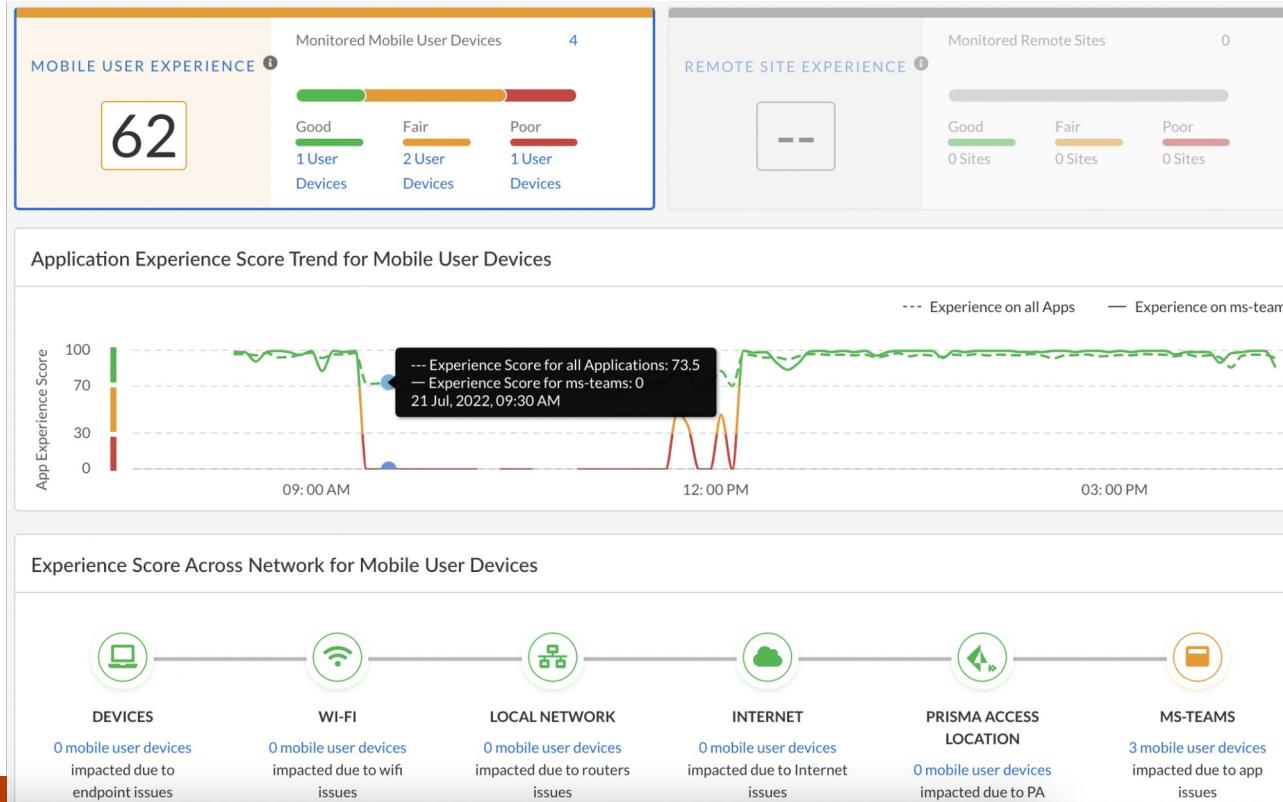
市場區隔見解

# ADEM 對Mobile Users and Remote Networks監控與分析



# ADEM監控- SaaS斷線

偵測出問題原因為MS-TEAMS的服務問題



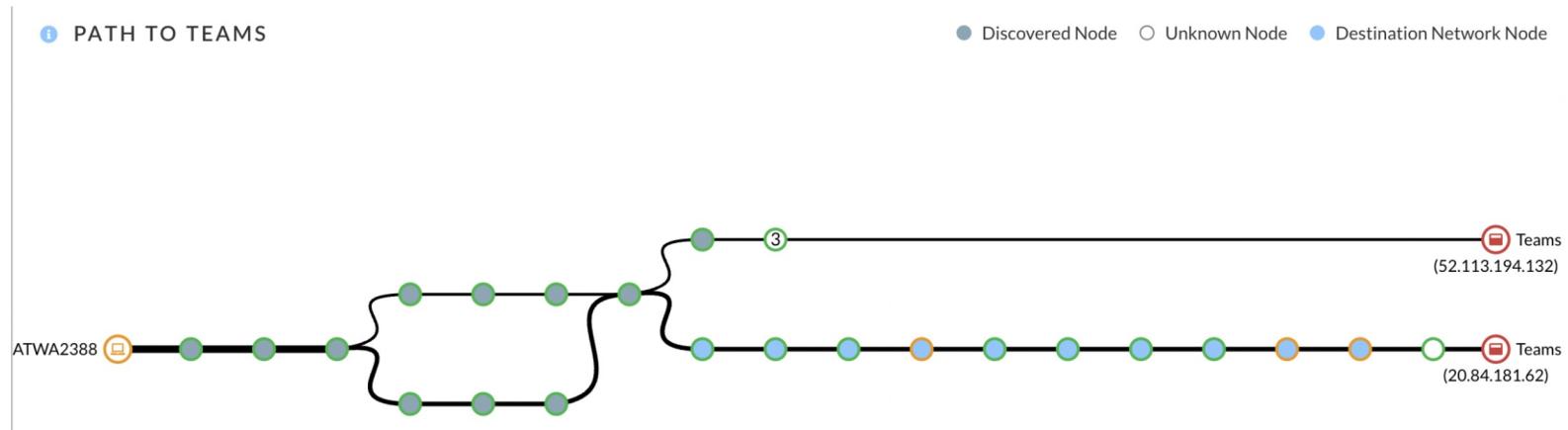
## ADEM監控- SaaS斷線

PATH TO TEAMS AT 21 JUL 2022 09:35:00 AM

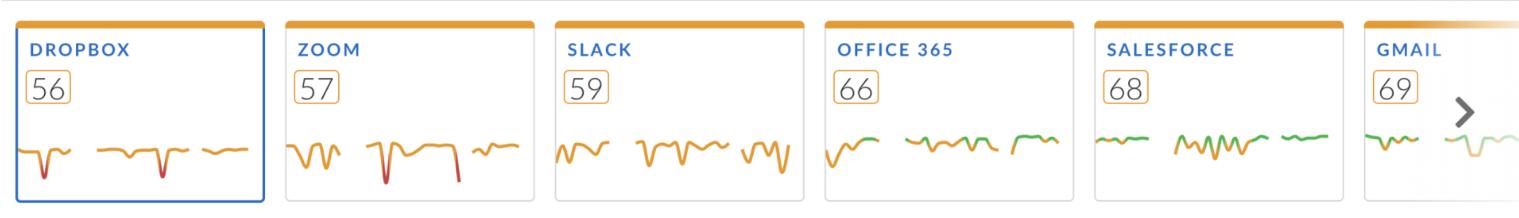
各區塊狀況總覽



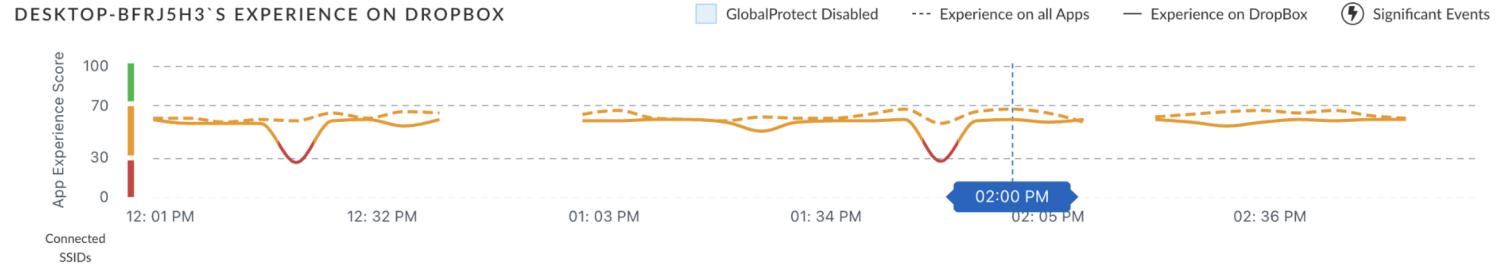
從裝置到Teams路徑



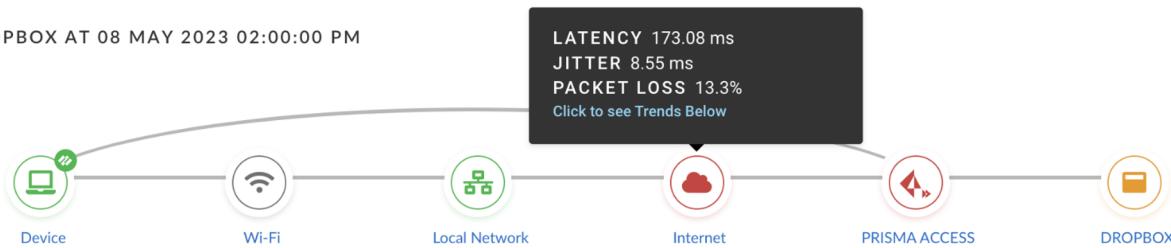
# ADEM監控- Internet線路品質不佳



Application Experience Trend



PATH TO DROPBOX AT 08 MAY 2023 02:00:00 PM

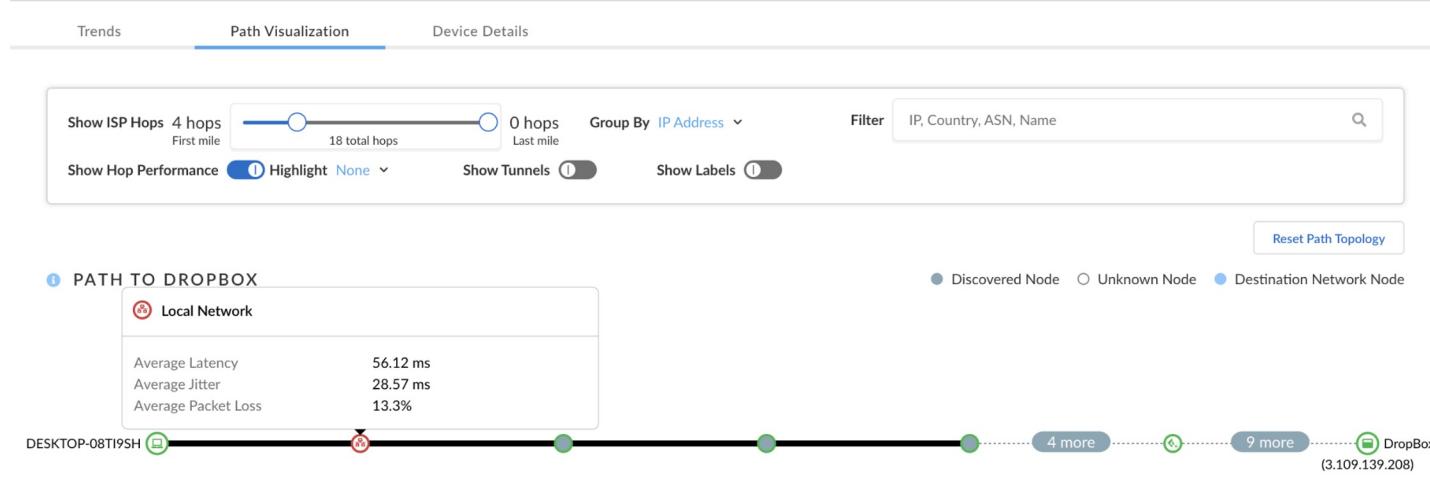


# ADEM監控- Internet線路品質不佳



# ADEM監控- LAN掉封包

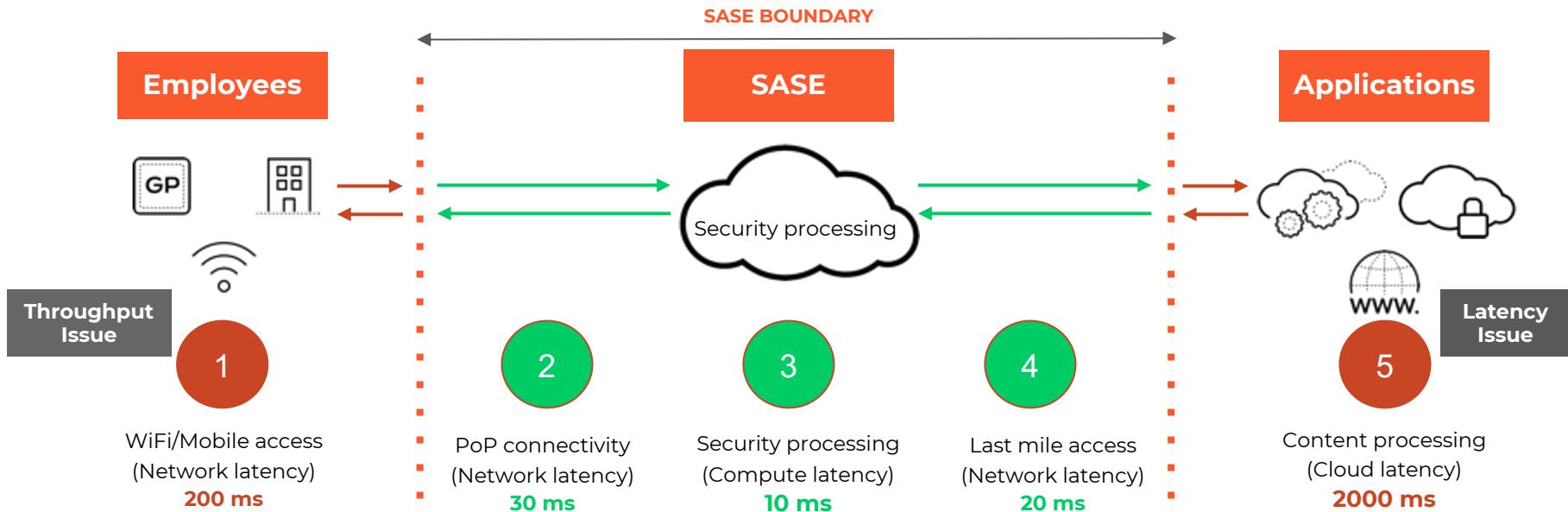
PATH TO DROPBOX AT 08 MAY 2023 02:30:00 PM



# 延遲造成應用體驗差勁

應用程式回應速度和下載速度緩慢會對企業員工上網體驗產生不好的影響

多數的延遲發生在差勁的internet連線或應用運作的邏輯引起

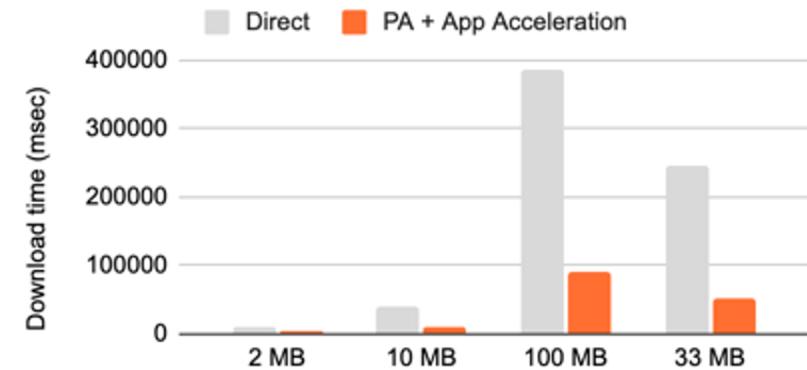


# 應用加速效果 : SMB

## Architecture



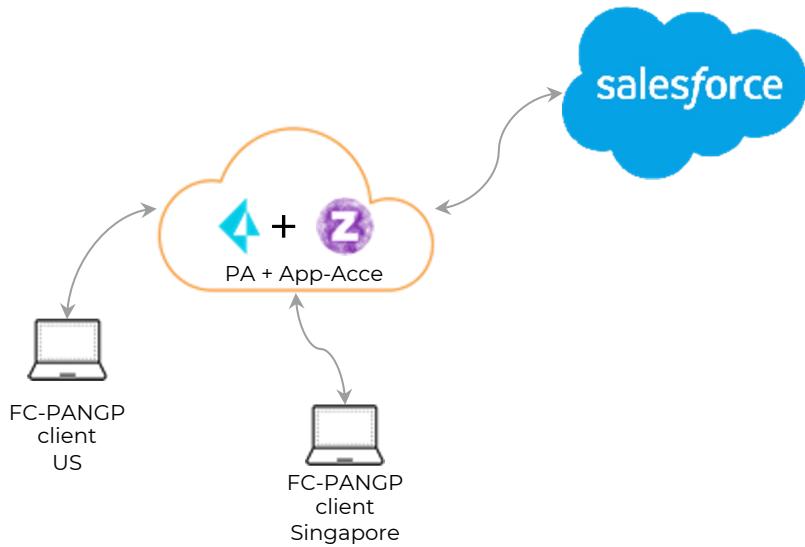
## Results



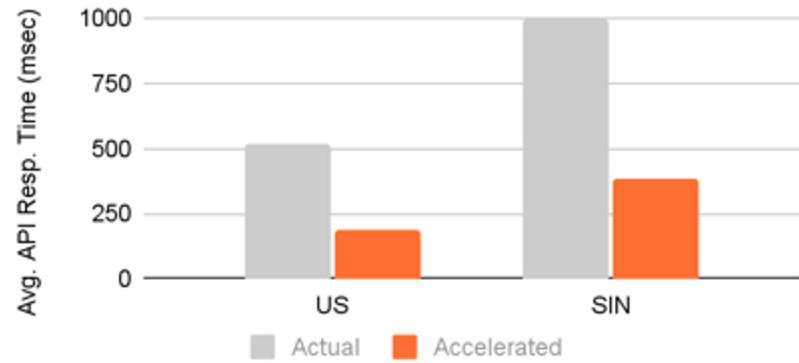
App Acceleration: Faster than direct internet access even with poor WiFi connectivity

# 應用加速效果 : SaaS 應用

Architecture



Results



Demonstrated 2X (US) - 4X (Singapore) performance gain

# Why Prisma SASE

# Palo Alto Networks - 業界領先的SASE服務提供者

2023 Magic Quadrant =



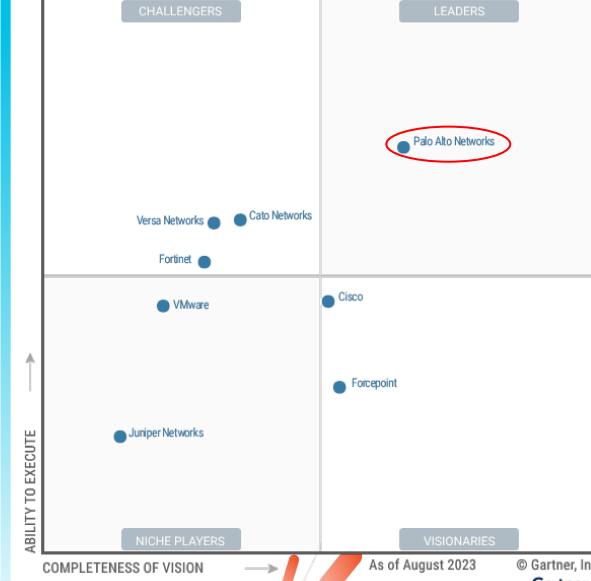
在 Gartner 2023 SSE

魔力象限中被公認為領導者



在 Gartner 2023 SDWAN

魔力象限中被公認為領導者



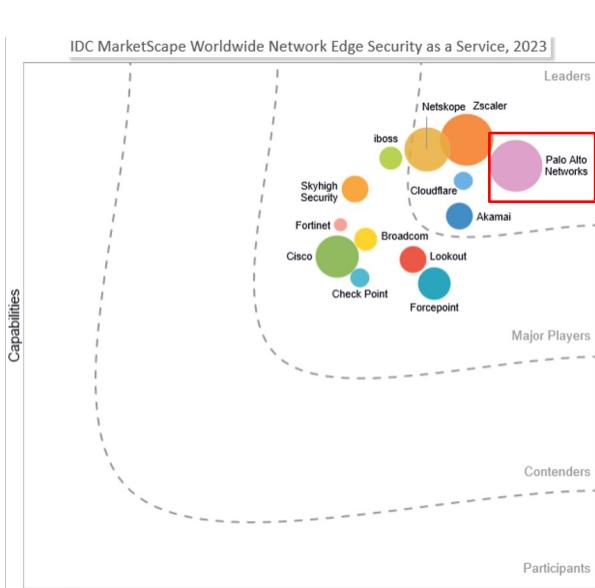
在 Gartner 2023 Single-vendor

SASE 魔力象限中被公認為領導者

This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from Palo Alto. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

# Palo Alto Networks - 業界領先的Zero Trust服務提供者

IDC MarketScape Worldwide Network Edge Security as a Service, 2023



在IDC 2023 NESaaS

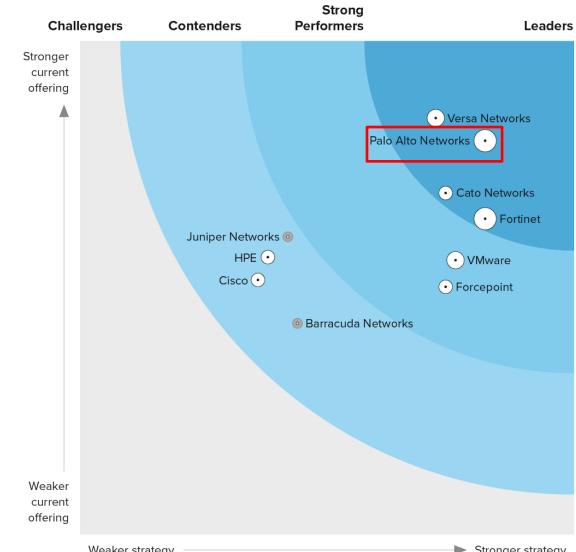
MarketScape中被公認為領導者

IDC MarketScape Worldwide Zero Trust Network Access, 2023



在 IDC 2023 ZTNA

MarketSape被公認為領導者



在Forrester 2023 Zero Trust Edge

Solution中被公認為領導者

This graphic was published by Gartner, Inc. as part of a larger research document and should be evaluated in the context of the entire document. The Gartner document is available upon request from Palo Alto. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

# 案例：財富100強 製造業高科技公司

## 驅動力

- 傳統的VPN遠程接入方案不具備擴展能力，無法提供零信任安全訪問
- 為用戶提供 180 多個 Locations 的速度和靈活性
- 為員工提供持續的可視化和安全保障，無論他們何時何地訪問企業的應用和數據

## 成效

- 為分布在 180 個國家的 19.2 萬名用戶提供安全的企業應用 /Internet/SaaS 和數據的訪問
- 用戶 ZTNA 安全的應用/數據訪問和本地化的訪問體驗
- 始終在線的零信任原則降低 VPN 風險
- 一致的策略管理 - 運營效率、單一來源 SASE 供應商



# Public Case Studies



Caesars  
Entertainment



Higgins



Jefferies



Southern  
Nevada Health  
District



Vietnam Airlines  
Corporation



Village  
Roadshow



Flex



Schlumberger



Monroe County



Hydro Tasmania



Ashok Leyland



Rhondda Cynon Taf



Eczacibasi



Beam Suntory



St. Lawrence  
College



Naranja X

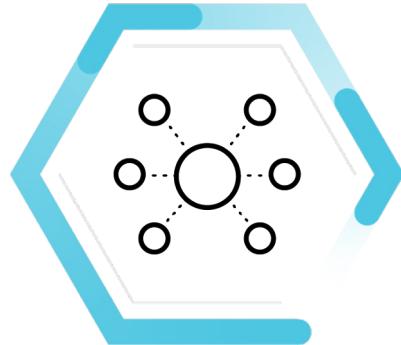


SESAC



Nuffield Health

## Why Prisma SASE



保護所有  
**application**流量



整合業界最完整的  
資安解決方案



提供絕佳  
使用者體驗

The industry's most complete cloud-delivered security platform



謝謝 Thank you

