TD SYNNEX

SonicWall e l’approccio ZTNA

Zero Trust made simple con SonicWall

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Webinar

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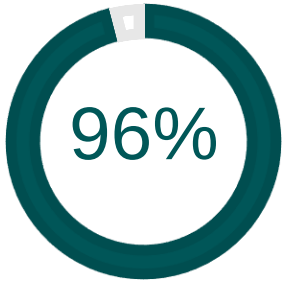
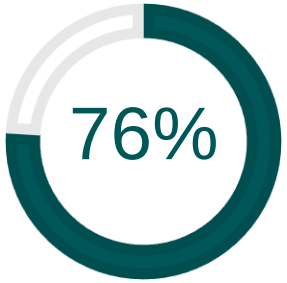
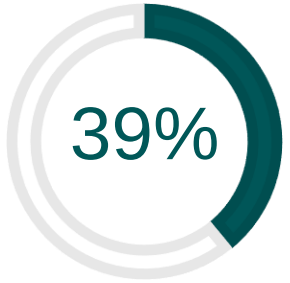
ERP e Cloud



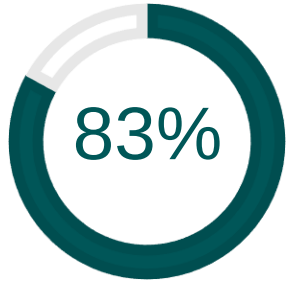
Percentuale di aziende che pensano ad una migrazione di tutti i dati aziendali in cloud in 5 anni



Aziende che hanno già spostato o stanno per spostare il loro ERP in Cloud

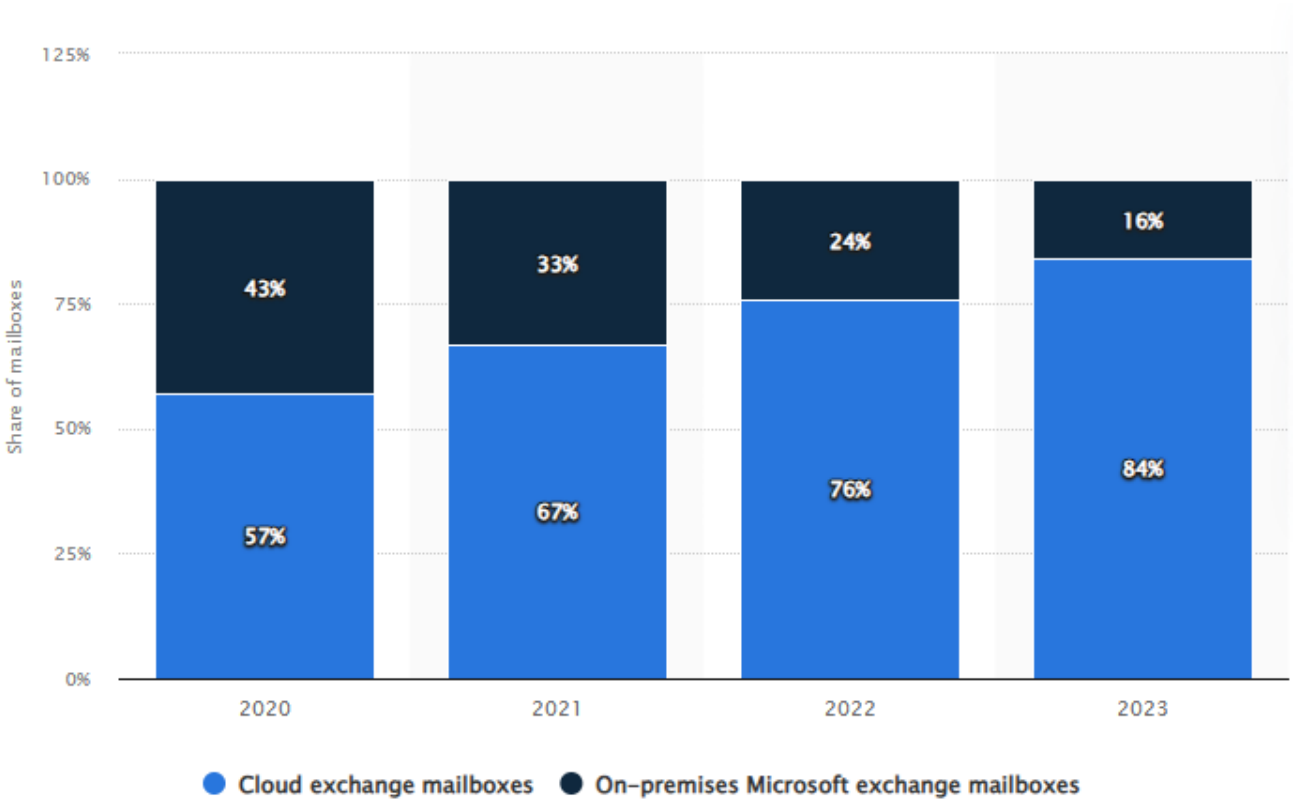


Aziende che valutano lo come prima ragione dello spostamento in cloud un miglioramento dei processi aziendali



Aziende che hanno aggiunto piattaforme SaaS nel 2023 rispetto al 2022

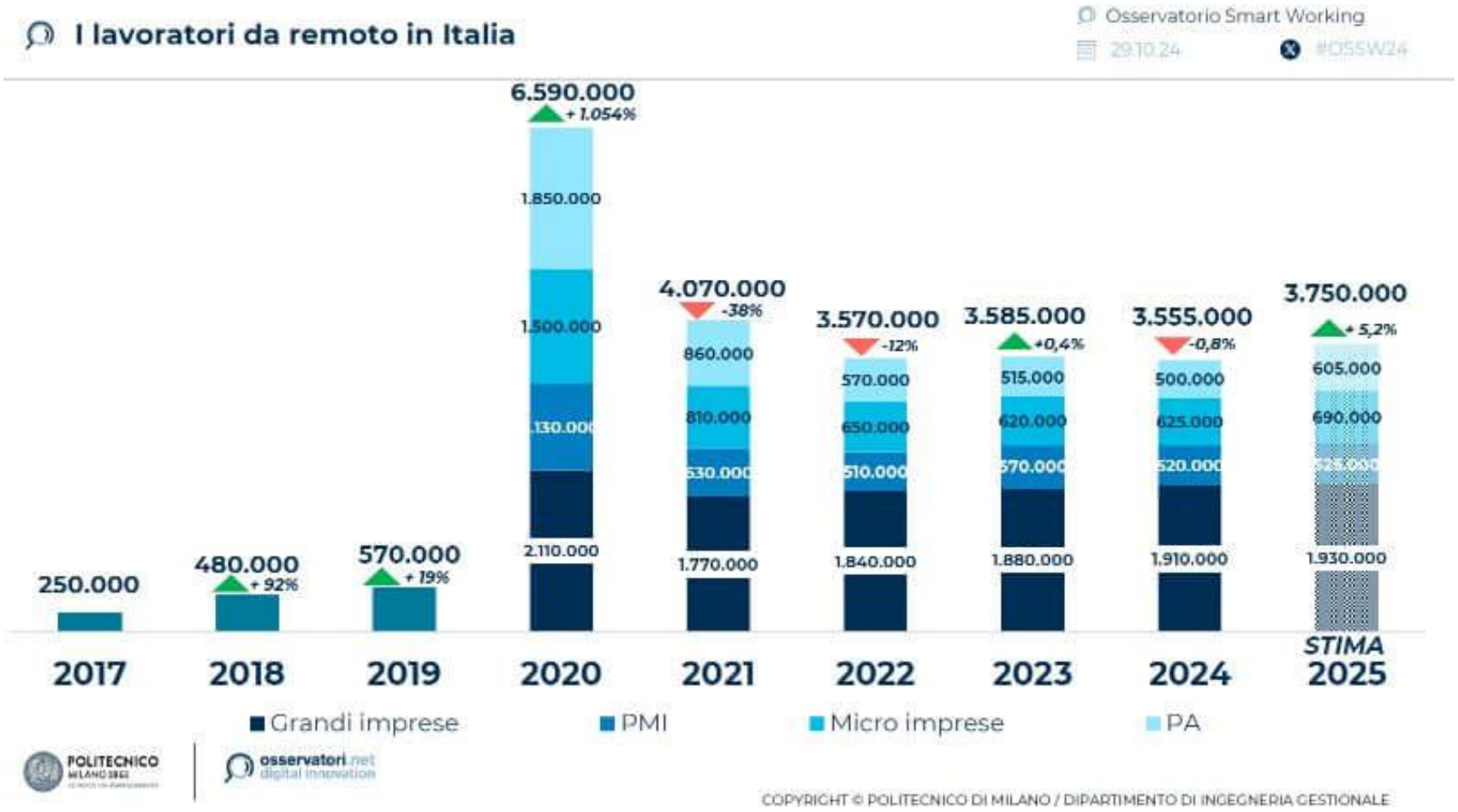
Il caso di Microsoft Exchange



Un caso emblematico di questa tendenza è Microsoft Exchange e il mondo della posta elettronica e della collaboration aziendale.

Minori costi di gestione
Da CAPEX a OPEX
Disponibilità del dato
Scalabile
DR

Lavoro da remoto



Bring Your Own Device

Organizzazioni che permettono uso di dispositivi personali

Gli incidenti di sicurezza che hanno coinvolto dispositivi smarriti o rubati hanno portato a una violazione non autorizzata dei dati.

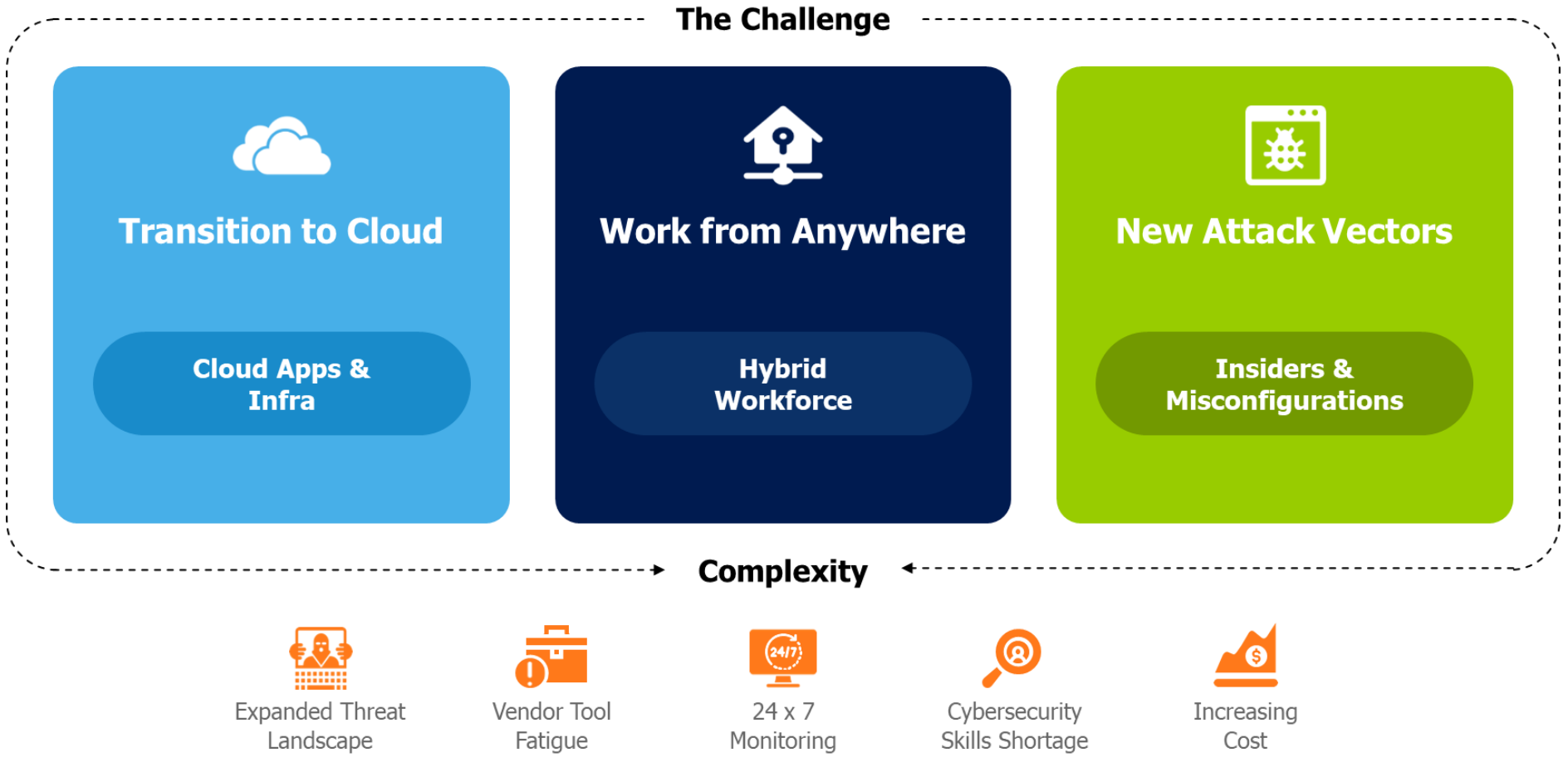
Percentuale dei dispositivi BYOD che non sono mappati o censiti in ambito aziendale

SASE

Secure access service edge (SASE) offre funzionalità di rete convergente e sicurezza come servizio, tra cui SD-WAN, SWG, CASB, NGFW e accesso alla rete a fiducia zero (ZTNA).

SASE supporta i casi d'uso di filiali, lavoratori remoti e accesso sicuro in sede. SASE viene fornito principalmente come servizio e consente un accesso zero trust basato sull'identità del dispositivo o dell'entità, unito a un contesto in tempo reale e a criteri di sicurezza e conformità.

La Sfida


The Challenge
Transition to Cloud
Cloud Apps & Infra
Work from Anywhere
Hybrid Workforce
New Attack Vectors
Insiders & Misconfigurations
Complexity
Expanded Threat Landscape
Vendor Tool Fatigue
24 x 7 Monitoring
Cybersecurity Skills Shortage
Increasing Cost

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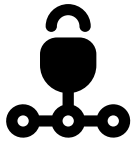
Una singola piattaforma per la sicurezza

SonicPlatform



Network & Infra Security (FW)

Security Service Edge (SSE / ZTNA)

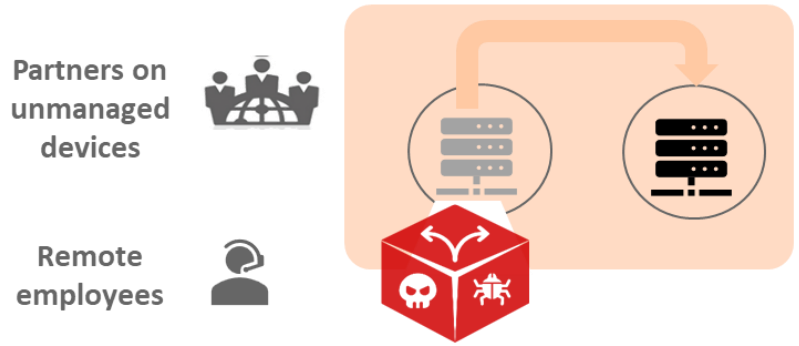
Endpoint Detection & Response (EDR)

Managed Security Services (MDR / SOCaaS)

Delivered via Partners

Explicit Trust with ZTNA

IMPLICIT TRUST



- Broad network access
- Including copying and moving assets
- Cumbersome - static and manual config

TRUST EVERYTHING INSIDE
- PRONE TO BREACH

EXPLICIT TRUST

Identify user | Verify device/ context | Micro-segmentation | Verify least-privilege access

- Verify and least privilege - access only what's required
- Continuous monitoring of usage
- Real-time access control - can be revoked

VERIFY EVERYTHING & TRUST NOTHING
- BREACH CONTAINED

Zero Trust → Never Trust, Always Verify

Verify The User

(Modern Auth)

Verify Their Device

(Device VPN, EPC)

Verify Their Context

(Recurring EPC, Time-based Access)

Segmented App Access

(HTML5 bookmarks for RDP, HTTPS, etc.)

Sonicwall CSE

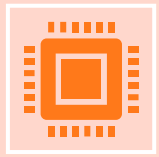
Crea un accesso sicuro per i tuoi utenti, ovunque essi siano e qualsiasi dispositivo usino
Verifica la protezione in tempo reale
Ottimizza la tua infrastruttura
Previene gli attacchi sofisticati e zero day sui tuoi utenti e dispositivi

Cloud Delivered

Intelligent Routing

Zero Trust Security

Facile, Veloce e Sicura

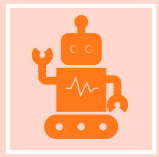


Easy to manage

- Simple cloud-based policies for multi-tenant management
- One-click deployment and real-time upgrades
- Easily integrates with existing tools (IDP, EDR, MDM, SIEM)

Fast and reliable connectivity

- No more slow / dropped connections
- Elastic scaling with cloud throughput; no concurrent user limits
- Global infrastructure with high-availability



Zero Trust security

- Fine-grained access controls
- Advanced device posture management
- Real-time continuous policy enforcement

CSE

Modernize VPN & Firewall

- High-performance network tunnel and identity-aware proxy
- SaaS application security
- Visibility across all users, devices, apps, and access patterns
- Great UX – easy, one-click access without a password

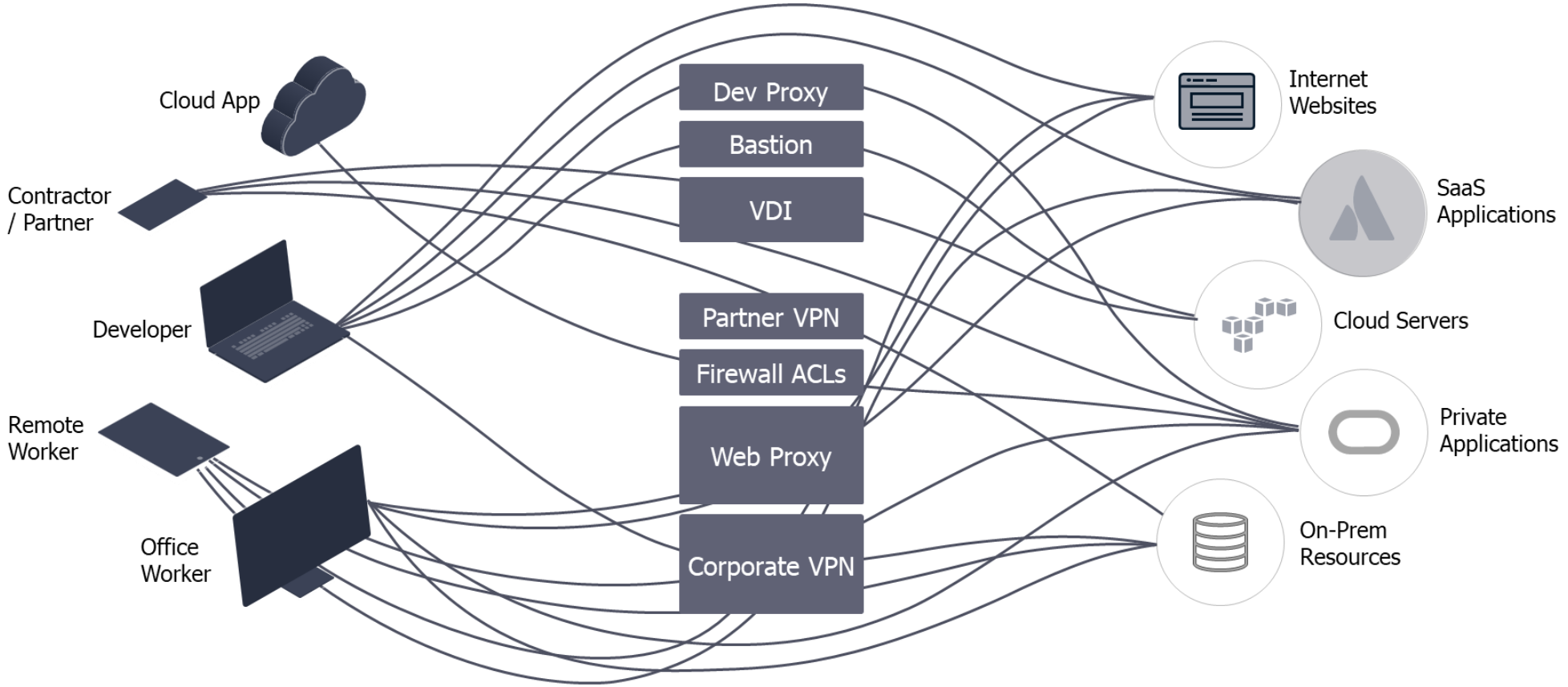
3rd Party Access/ BYOD/M&A

- Least privilege application access based on user & device context
- Agent-based and agentless access to websites, SSH/RDP, etc.
- Protect against ransomware and lateral movement

Device Trust & Internet Threat Protection

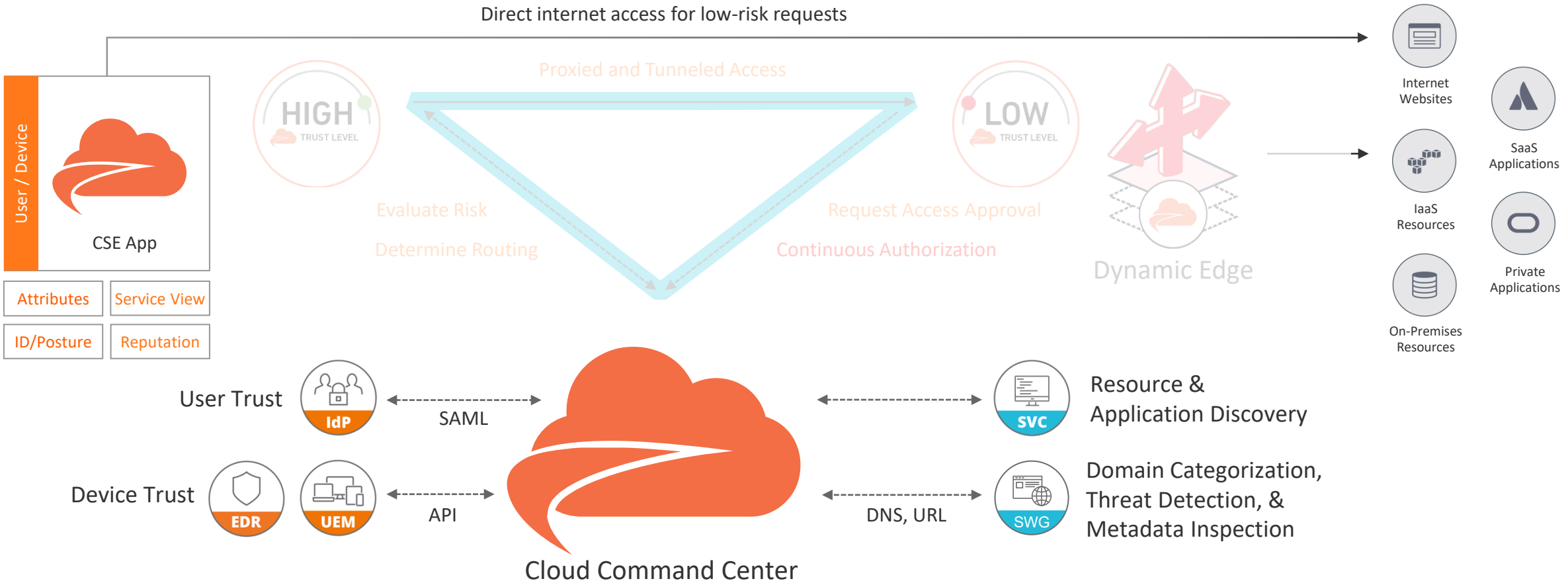
- Advanced device posture checks
- Continuous authentication & conditional authorization
- Proactive defense for users being phished or straying onto malicious web sites

Il perimetro cresce

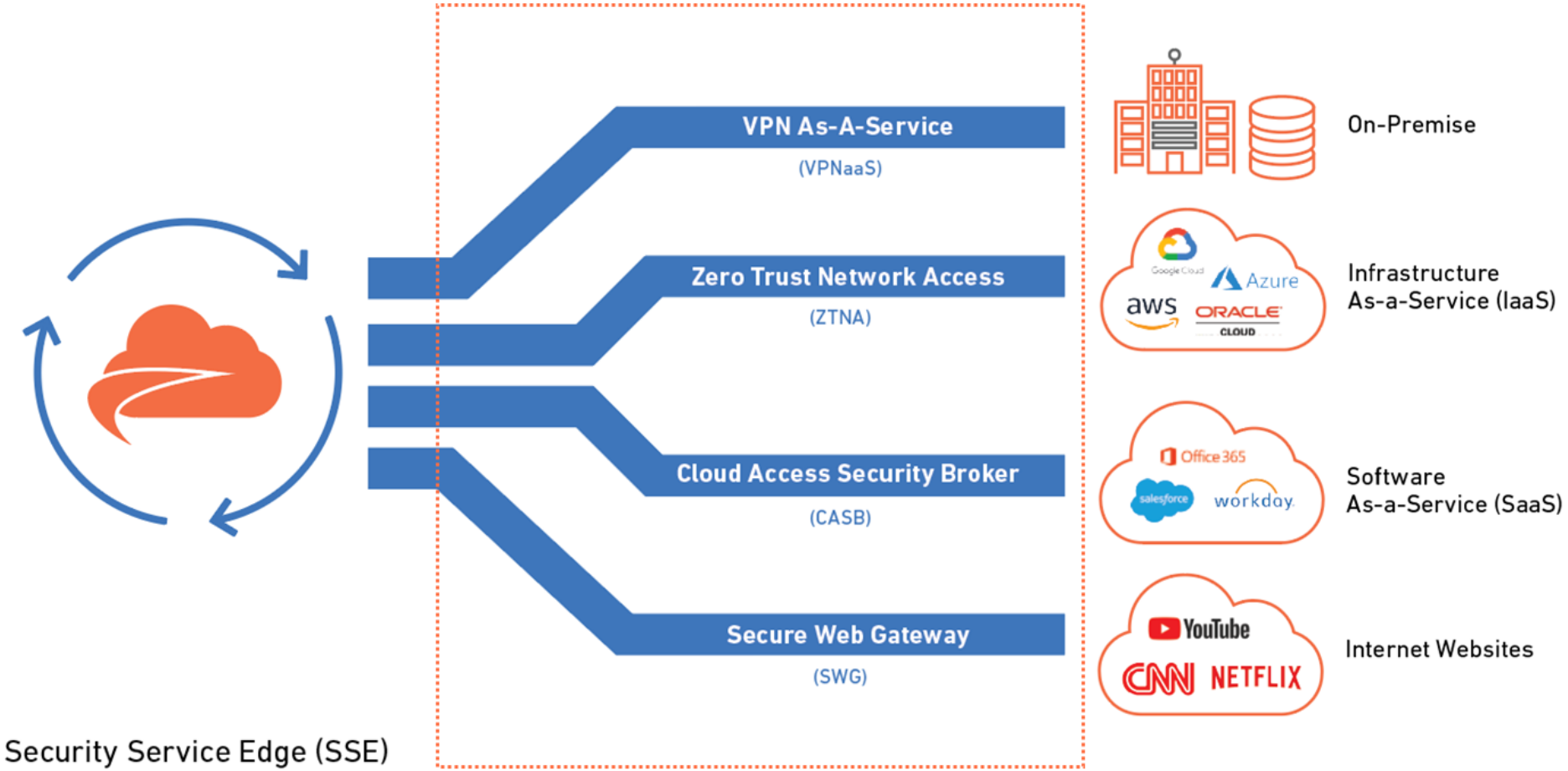


Complex Operations **Poor** User Experience **Weak** Security

La soluzione



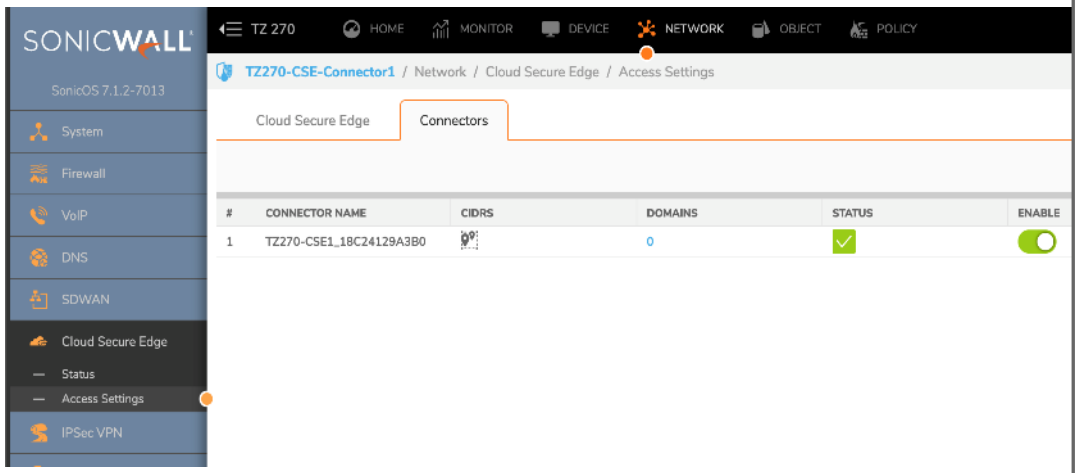
La soluzione

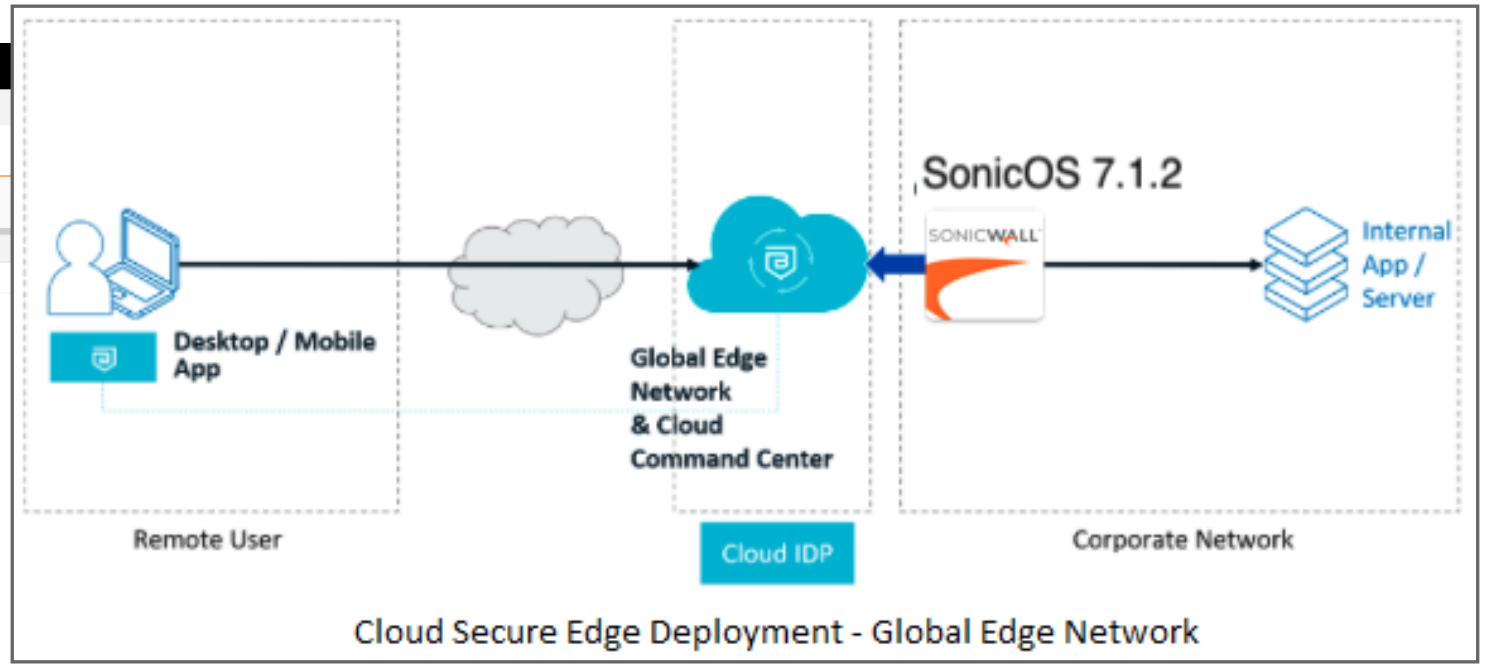


Firewall Connector

Cloud Secure Edge (CSE) offer due tipi di deployment per l'accesso ai servizi on-prem: **Self-hosted Private Edge** e **Global Edge Network**.

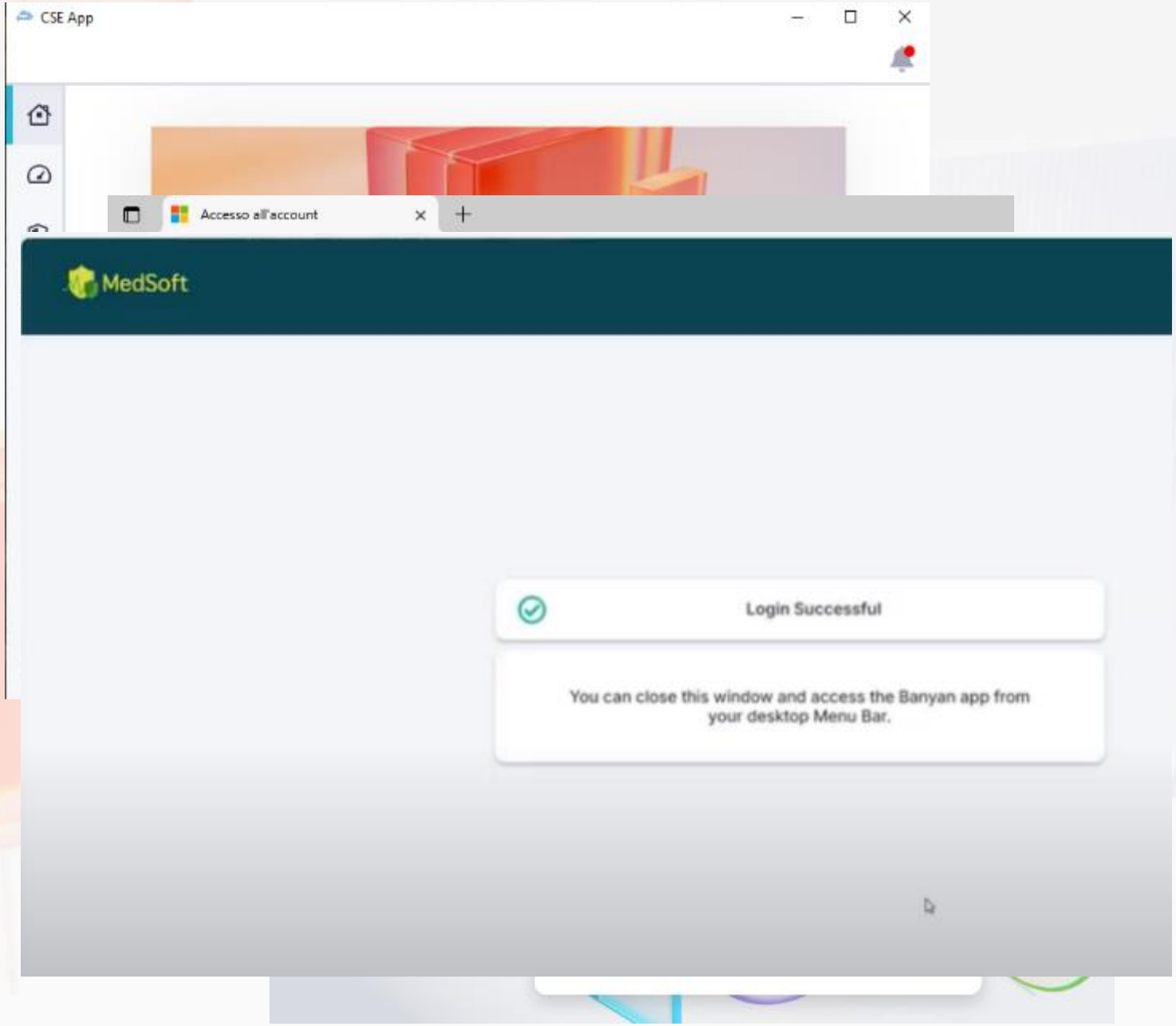
Dal Firmware SonicOS 7.1.2 i firewall possono funzionare da connettori al Global Edge Network.





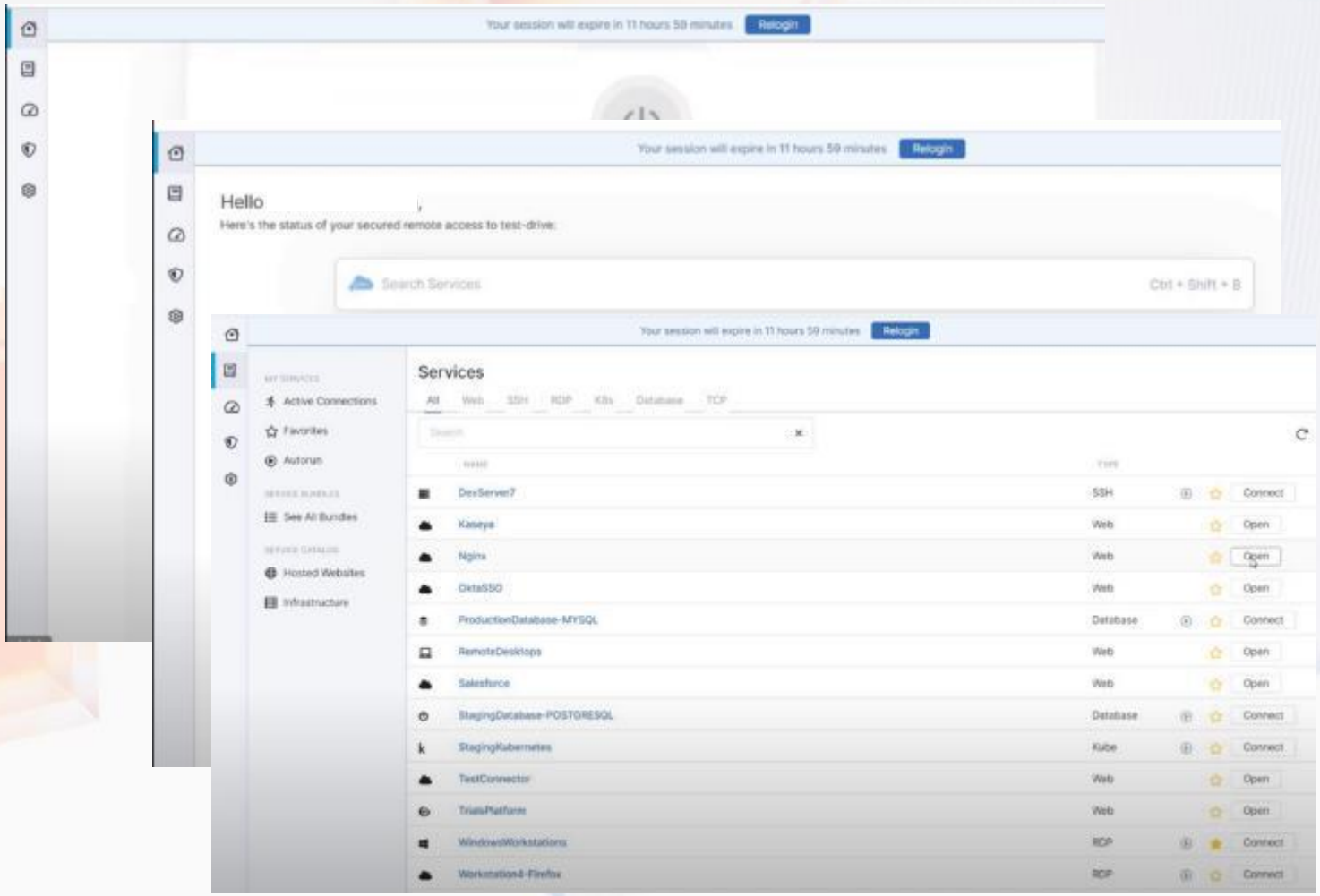
LOGIN UTENTE

- Apri l’applicazione CSE
- Clicca su Login
- Inserisci le credenziali utente
- Potrai gestire MFA
- Autenticazione riuscita!



ACCESSO AI SERVIZI

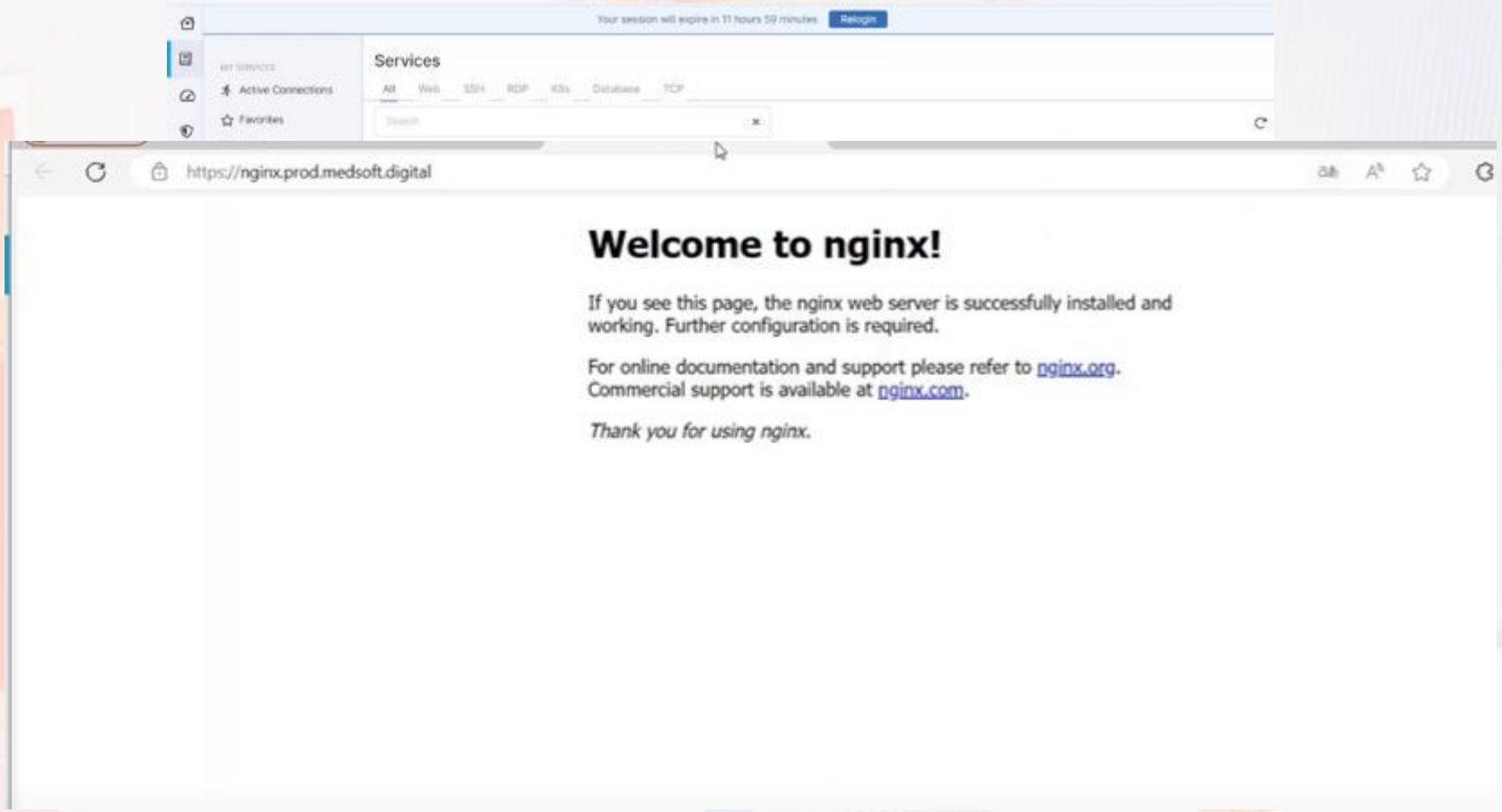
- 2 Modalità di accesso
  - Accesso via Tunnel alle reti/sottoreti
  - Accesso ai singoli servizi



SONICWALL

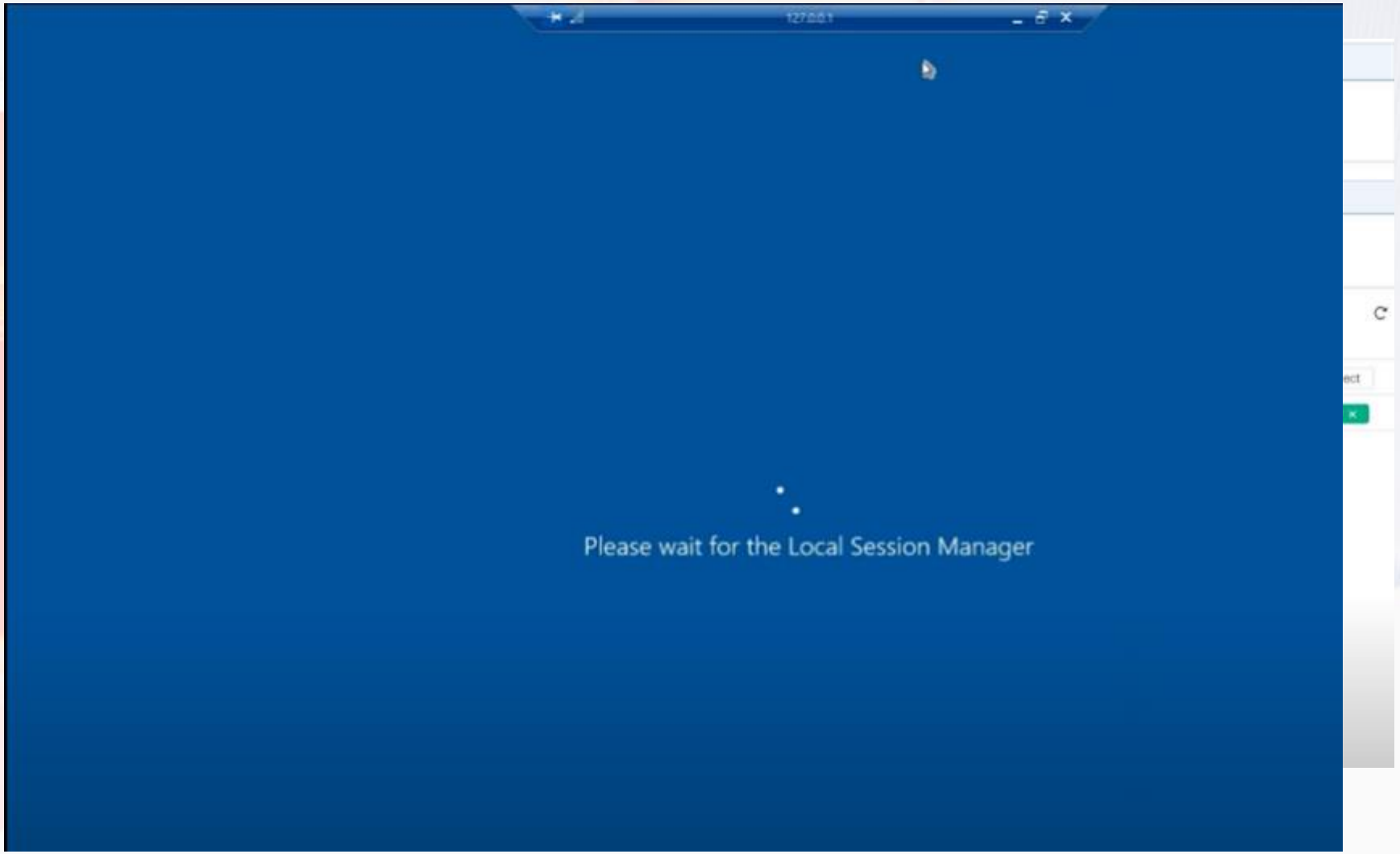
ACCESSO AI SERVIZI - WEB

- Clicca sul link di accesso
- Automaticamente si apre la pagina web corrispondente



ACCESSO AI SERVIZI - RDP

- Clicca sul link di accesso
- Scarica il profilo utente
- Clicca sul profilo
- Inserisci le credenziali
- Ora sei connesso in RDP



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Trust Factors e ZTNA

TRUST FACTORS	SOURCE	APPLICABLE PLATFORM
Application Check	SonicWall CSE	
Auto Update	SonicWall CSE	
Chrome Browser Version	SonicWall CSE	
CSE App Version	SonicWall CSE	
Device Geolocation	SonicWall CSE	
Disk Encryption	SonicWall CSE	
File Check	SonicWall CSE	
Firewall	SonicWall CSE	
Not Jailbroken	SonicWall CSE	iOS
Operating System Version	SonicWall CSE	iOS
Property List Check	SonicWall CSE	
Registry Check	SonicWall CSE	
Screen Lock	SonicWall CSE	iOS

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“ZTNA has become a prevalent feature for any network architecture. From a small startup to a huge enterprise, having a secure way of accessing your internal resources is a must, especially in this era where remote work is the new normal”

Carlos Salas

https://www.sonicwall.com/products/cloud-secure-edge
https://www.gartner.com/en/information-technology/glossary/secure-access-service-edge-sase
https://www.banyansecurity.io/
https://www.youtube.com/watch?v=7nMGvWcf_WQ&list=PL4mnjMNj4Iq-OStHZ_d2mv7ZuNJyJQBDq
https://docs.banyansecurity.io/
https://docs.banyansecurity.io/docs/securing-private-resources/
https://docs.banyansecurity.io/docs/securing-public-applications/

Q&A

27 GIUGNO: Nella mente di un hacker – Un attacco Bruteforce

4 LUGLIO: Sicurezza OT/IoT: visibilità e protezione capillare con Cisco Cyber Vision

https://events.tdsynnex.it/cyber-unit-missione-protezione/

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