Prisma SASE

Tipsport - zákaznická studie

Achieve true zero trust and deliver an exceptional user experience

Petr Salač - Senior Solutions Consultant

psalac@paloaltonetworks.com

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USE CASES DRIVING SASE TRANSFORMATION

Private App Access /
ZTNA Project

Internet & SaaS Access /
Cloud SWG Project

Advanced SaaS App Security /
CASB Project

Branch Transformation /
SD-WAN Project

User Experience and IT Operational Efficiency / ADEM Project

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Prisma SASE: The Industry's Most Comprehensive SASE Solution

Industry's Largest Wealth of Data*

- 70k customer
- Unit 42
- 3rd party sources

PRISMA® SASE
BY PALO ALTO NETWORKS

Simple, Unified Management & Operations

Strata Cloud Manager
with built-in AIOps, Copilot & ADEM

Best-In-Class Security

- Core Network Security
- AI Security
- Data Security
- IoT Security

Prisma SASE Components

PRISMA® ACCESS | PRISMA® SD-WAN | PRISMA BROWSER™

Industry's Most Resilient SASE Solution

Google Cloud · ORACLE CLOUD · aws

99.999%
Uptime SLA

150+
Global PoPs

*amongst pure=play cybersecurity vendors

Converge security, networking and operations in a single pane of glass

Consistent and unified policy enforcement

Complete AI-powered insights across all users, apps, devices, and locations

Automate and optimize security, networking and data operations

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It all starts with users or devices needing secure and reliable access to enterprise resources, **regardless of their location or connection modality**



Data Center

Cloud
(Public + Private)

SaaS apps
(Public, Private)

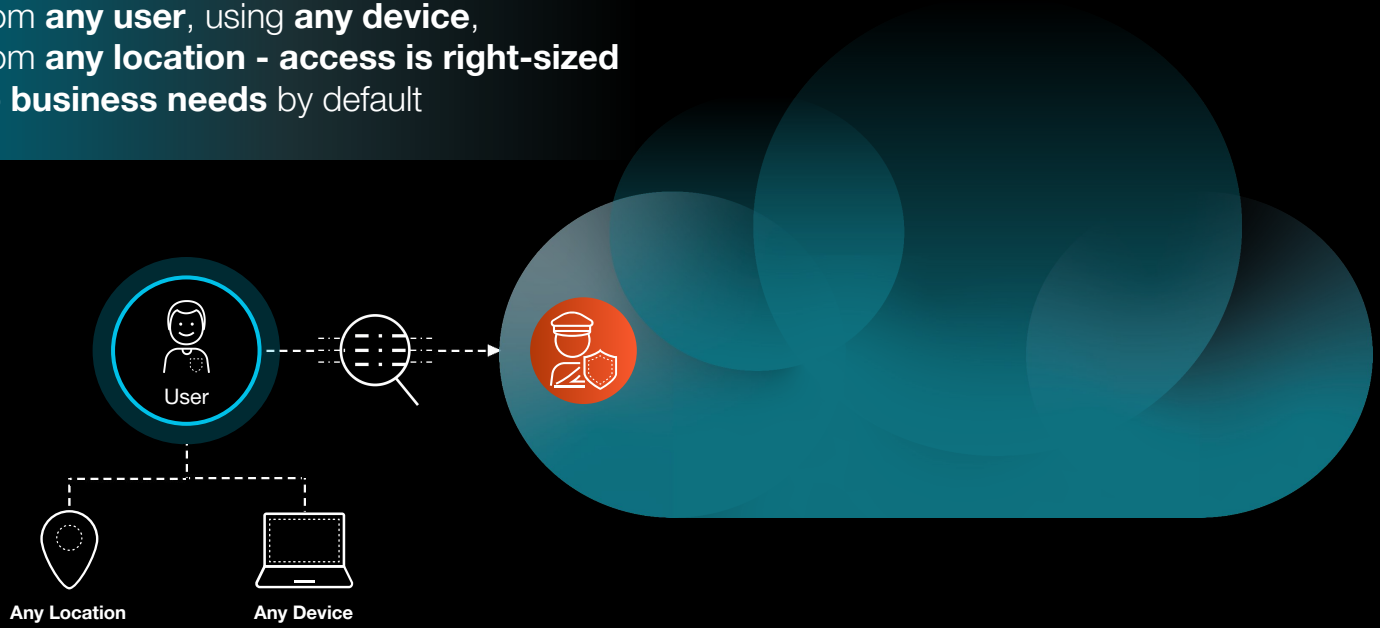
Data

Internet

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First, we need to eliminate implicit trust by intercepting all requests coming from **any user**, using **any device**, from **any location - access is right-sized to business needs** by default



- **Data Center**
- **Cloud** (Public + Private)
- **SaaS apps** (Public, Private)
- **Data**
- **Internet**

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Who?

Gather contextual insights to continuously verify the user and the device throughout the entire transaction.



- **Data Center**
- **Cloud** (Public + Private)
- **SaaS apps** (Public, Private)
- **Data**
- **Internet**

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What device?

What device are they using to access business-critical resources?

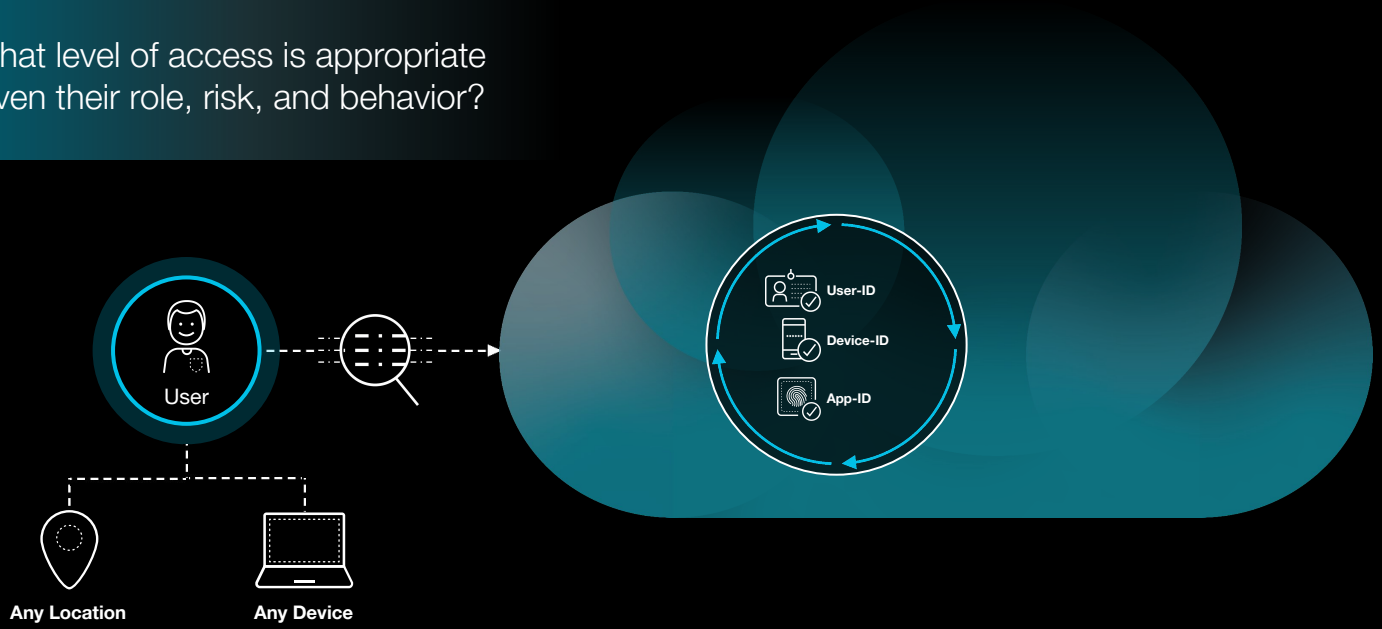


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What?

What is the user requesting?

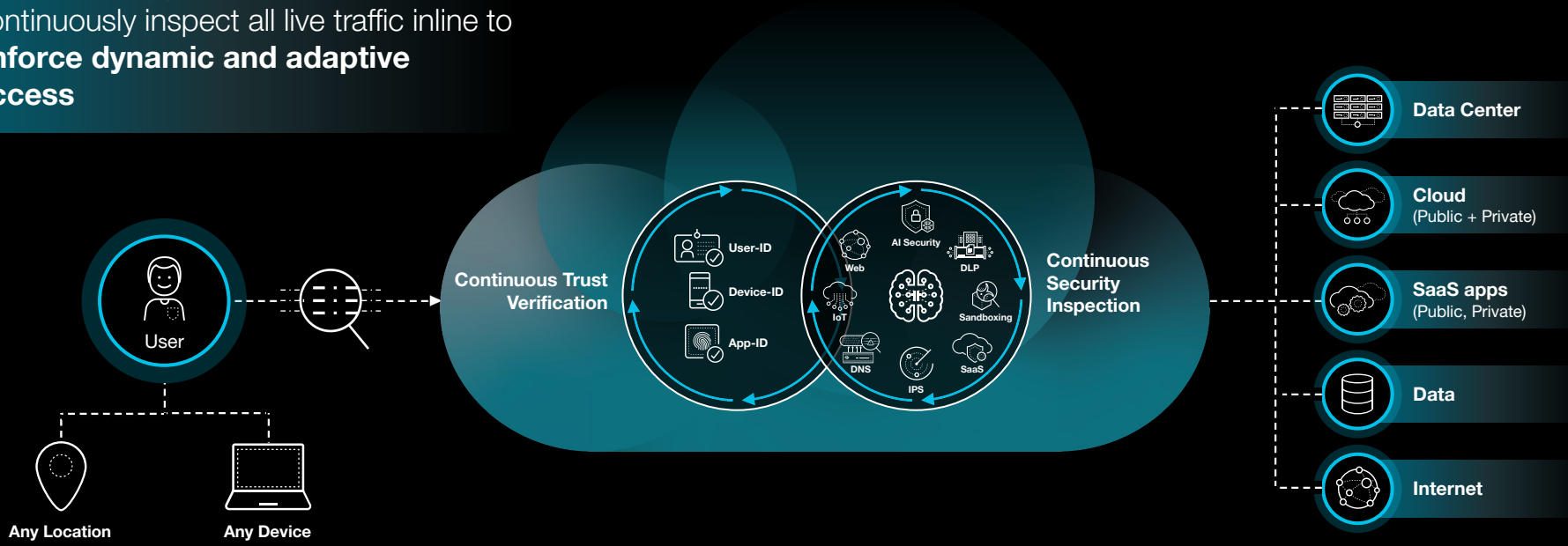
What level of access is appropriate given their role, risk, and behavior?



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What's inside?

While still continuously verifying the user, device, and app behavior, you must continuously inspect all live traffic inline to **enforce dynamic and adaptive access**

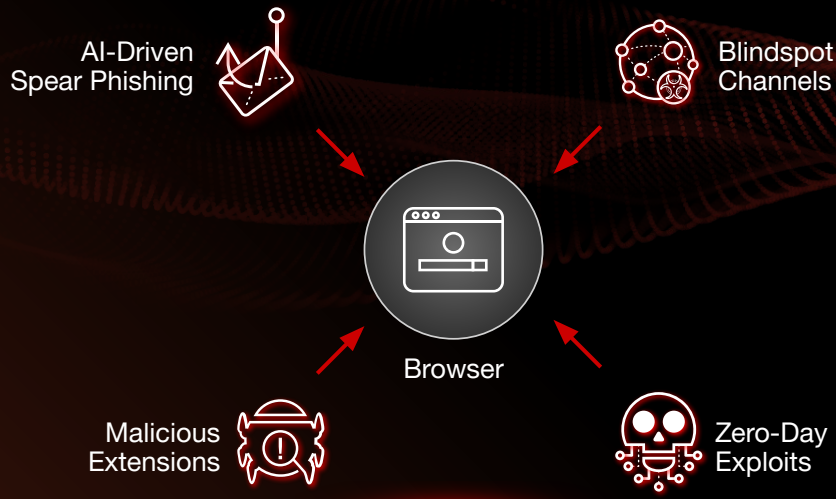


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Meanwhile, as Work Shifts to the Browser, It Has Become the Focus of a New Breed of Attacks that Can't be Detected by Legacy Security Tools

The browser is used to deliver attacks



The browser is a primary attack target.

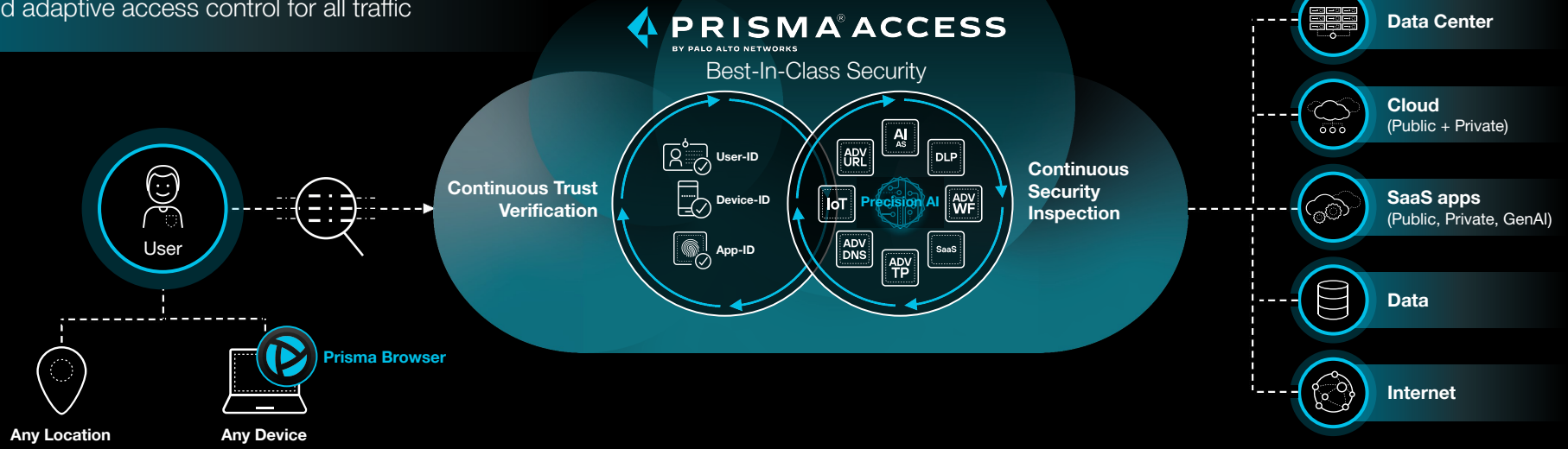
95% of organizations reported a security incident originating in the browser.

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Secure all use cases with Continuous Trust Verification & Continuous Security Inspection

Inspect all live traffic all the way to the endpoint, regardless of encryption*

Reduce the risk of a breach with Precision AI and adaptive access control for all traffic



70K

Customers worldwide deliver a global network effect of threat intelligence

180X

Faster prevention of threats compared to the average competitor

8.95M

New Zero-Day threats prevented everyday

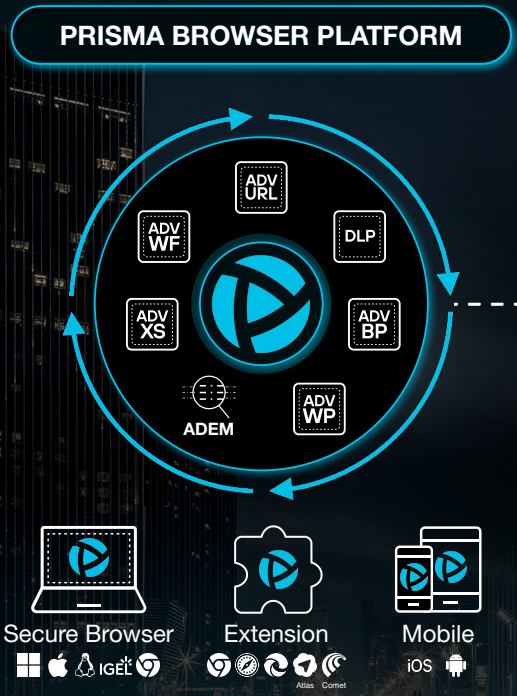
** E.g., for web apps running through the browser*

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The Most Secure Browser for the Modern Workspace

- Chromium-based, native UX
- Zero infrastructure changes
- No admin privileges required



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Leverage the **Power of the Browser** to Safely Enable

Modern Security

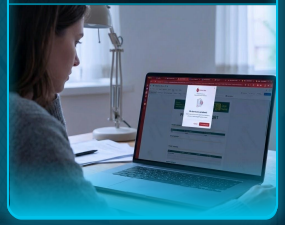
GenAI Usage



Complete Web Protection



Modern Data Protection



Secure Non-SSO Apps



Enhanced SOC



Enterprise Agility

Independent Workers



Business Continuity with BYOD



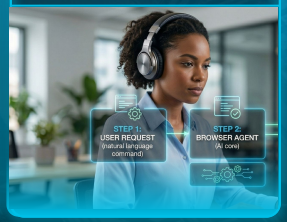
M&A Onboarding



VDI Reduction



Agentic Browsing



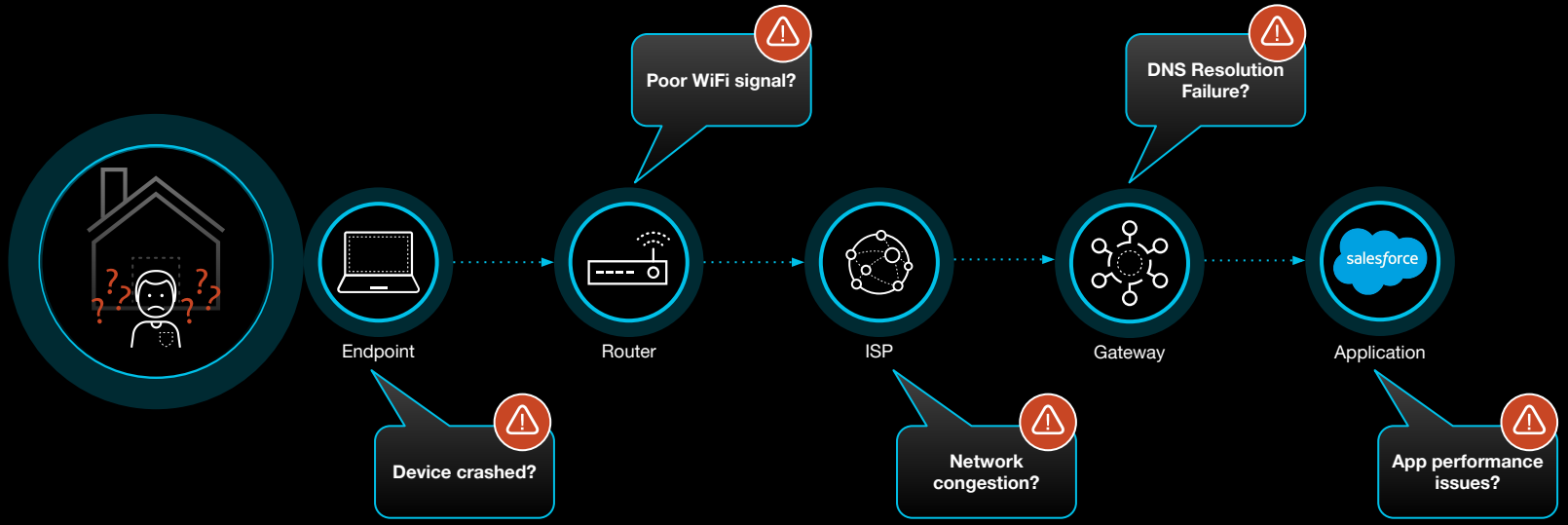
SECURE BROWSER | EXTENSION | MOBILE

SECURE BROWSER | MOBILE

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When User Issues Occur, Reactive Troubleshooting Can’t Ensure an Exceptional Experience



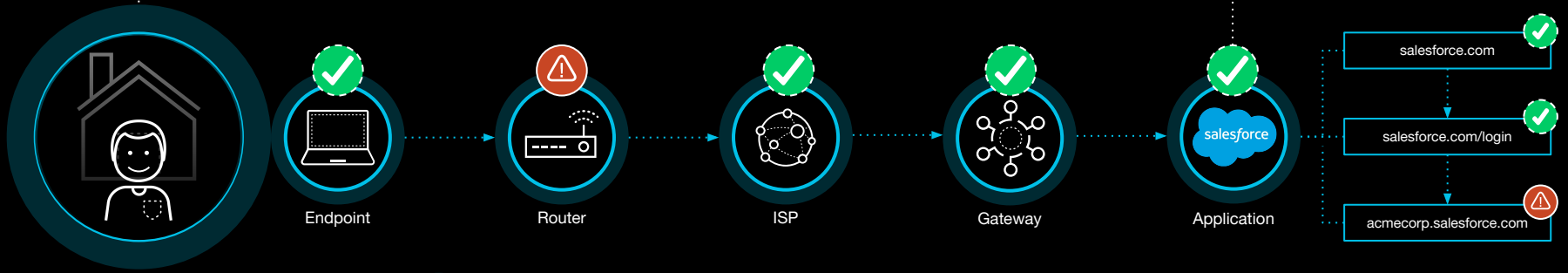
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ADEM Proactively Identifies and Remediates Issues, Ensuring the Best User Experience

AI-Driven Remediation and Troubleshooting of User Issues

Root Cause analysis with ADEM synthetics and RUM

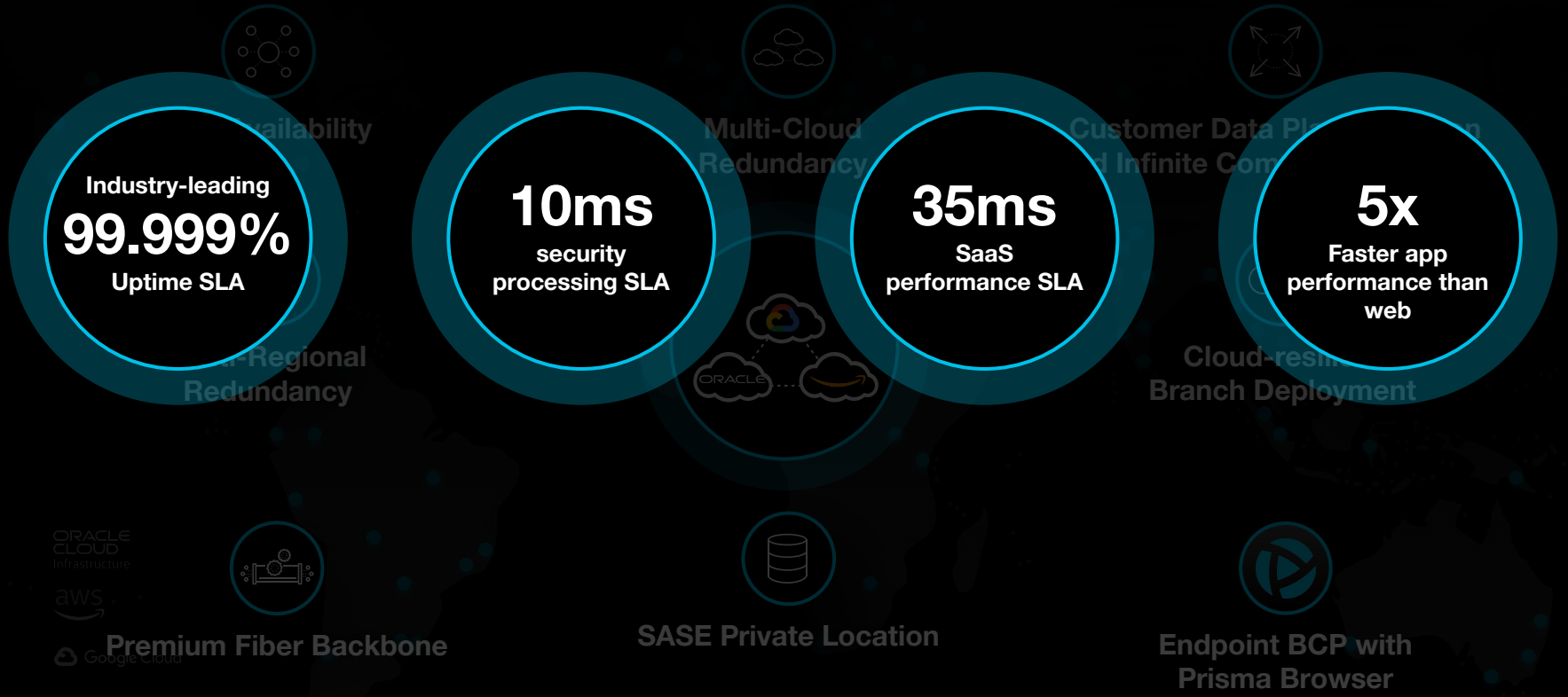
Admins can see that the use is experiencing issues due to “acmecorp.salesforce.com” performing poorly



Full End-to-End Visibility of User Experience

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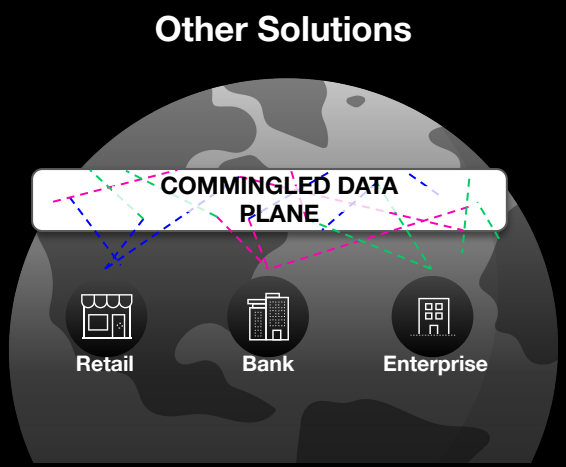
Prisma SASE Delivers Operational Resilience with the Industry's Most Resilient Backbone Backed by the World's Largest Cloud Service Providers



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The Prisma SASE Advantage: Uncompromised Performance Through Isolated Data Planes





Unmatched Performance & Predictability

Eliminate "noisy neighbors" and ensure consistent, reliable performance for all your users

Enhanced Security & Containment

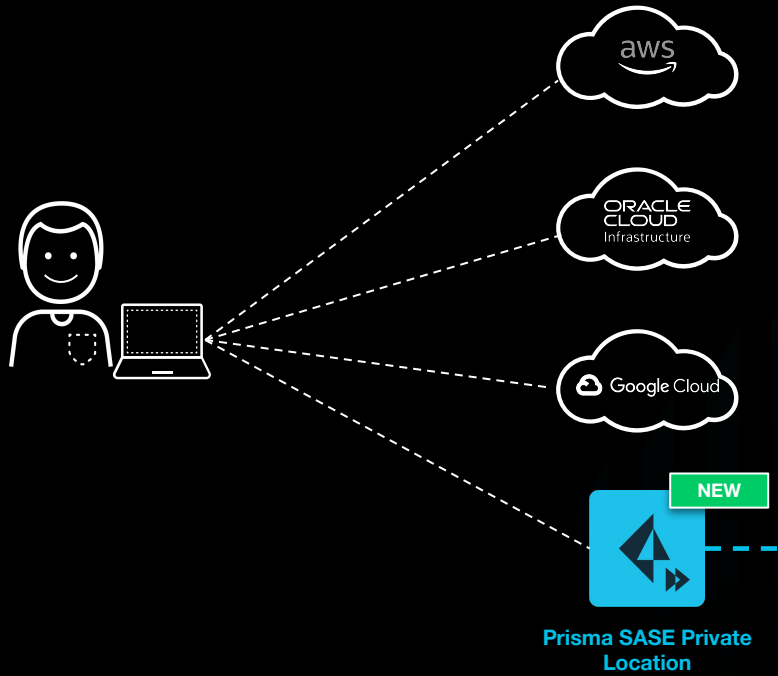
Contain security incidents to your own environment, insulating you from threats targeting other customers

Superior IP Reputation

Protect your brand and ensure your business-critical traffic is never flagged due to someone else's behavior

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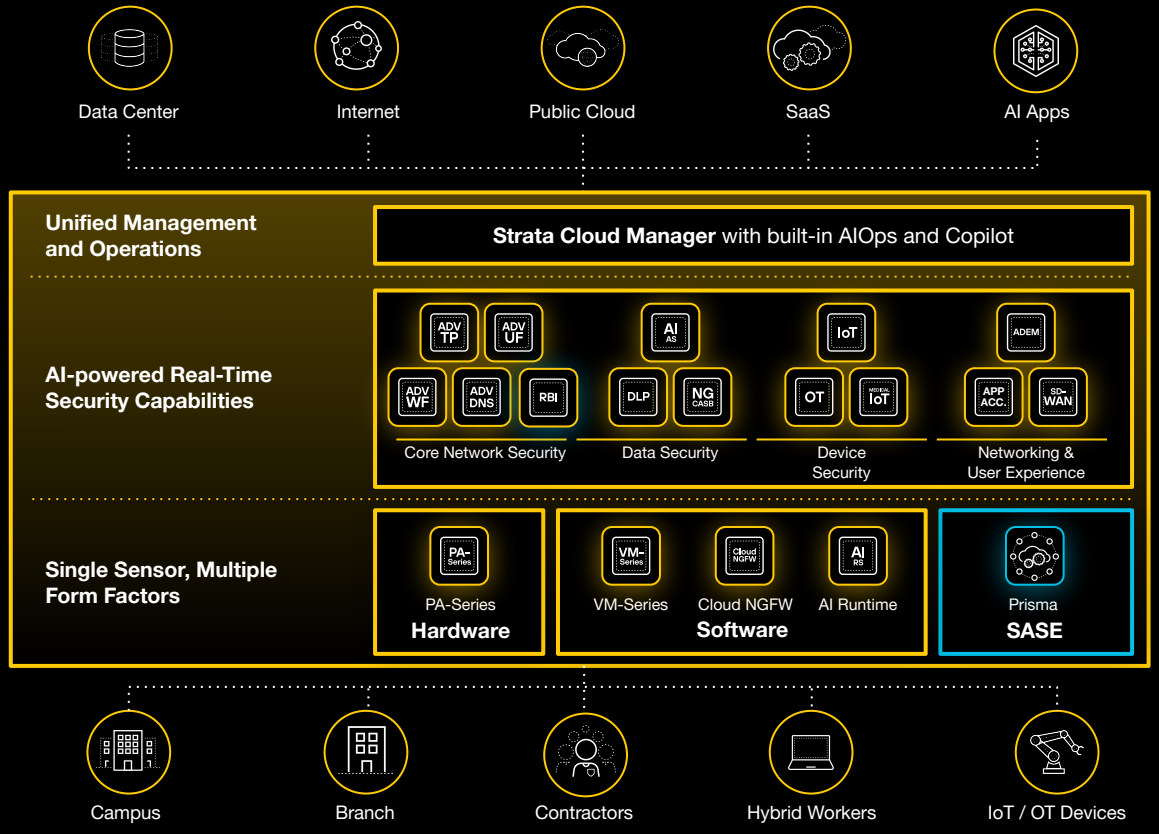
New Prisma SASE Private Location extends to Campus users while adding another layer of operational resiliency



- Extend SASE to campus users for outbound internet security
- Improves private app access for mobile users distant from SASE Cloud PoPs
- Ensures business continuity if Cloud PoPs are unreachable

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Platformization Simplifies Network Security: One Platform, One Console – Unified, Flexible Security, Core to Edge



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Zákaznická studie

Komunikační bezpečnost …v hybridním světě pohledem Tipsportu

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Úvodem trochu kontextu…

Tipsport
…ze zákulisí

- 5+ společností
- Technologická firma
- CZ a SK region
- 350 ajťáků

Digitalizace
…a její nároky

- Softwarehouse
- Modern workplace
- Dynamický rozvoj IT
- Technologický dluh

Kyberprostor
…bez iluzí

- Online business

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Úvodem trochu kontextu…

Audit ISMS
ISO 27K

- A.9 Access control
- A.12 Operation security
- A.13 Communication security

Kyberodolnost
MITRE ATT&CK

- Detekce C&C
- Lateral movement
- Discovery

Architektura
TOGAF/SABSA

- Zero trust
- Defense in depth
- Least privilege
- Resilience & Redundancy

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Jak Tipsport startoval koncept

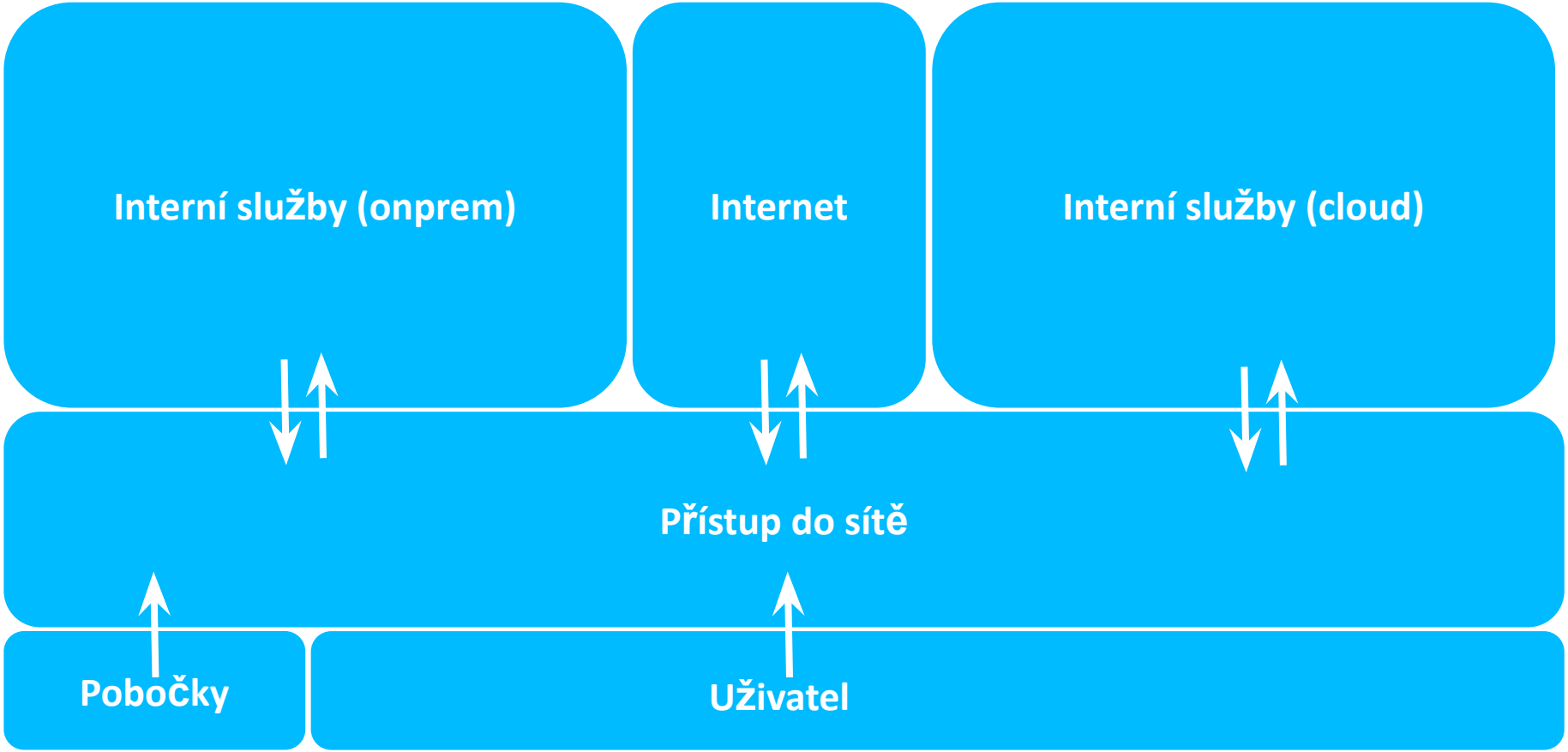
- Centrální management pro komunikační bezpečnost

- Řízení přístupu k interní síti
- Řízení interní komunikace
- Řízení přístupu k externím sítím
- Řízení přístupu pobočkových sítí a vzdálených uživatelů

- Jednotná politika
- Identity based přístup
- EntraID integrace
- Pokročilá detekce hrozeb

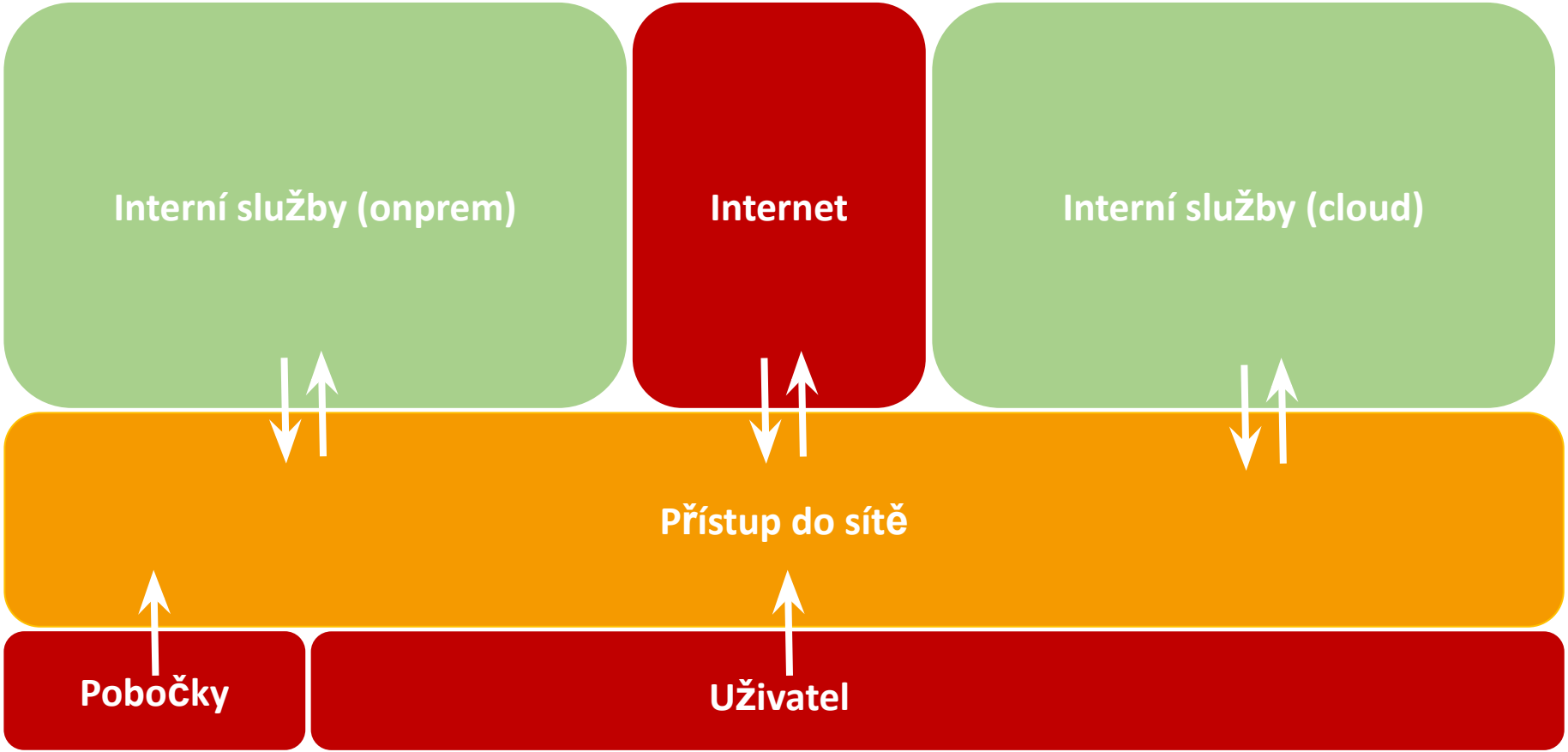
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2. Jak Tipsport startoval koncept



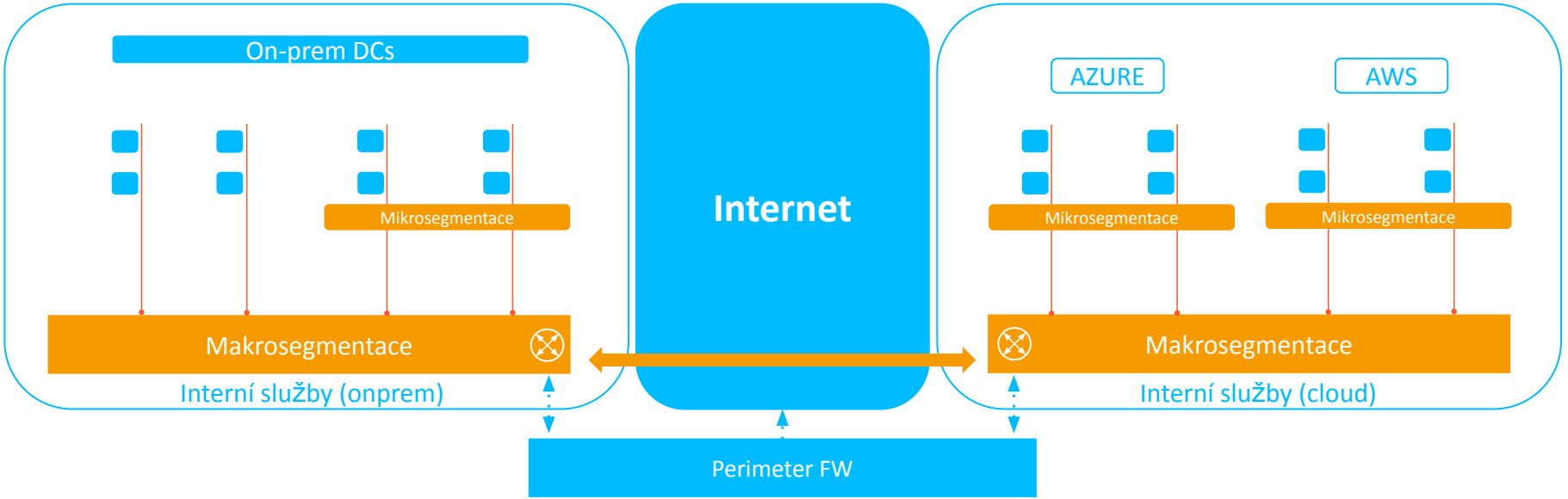
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2. Jak Tipsport startoval koncept



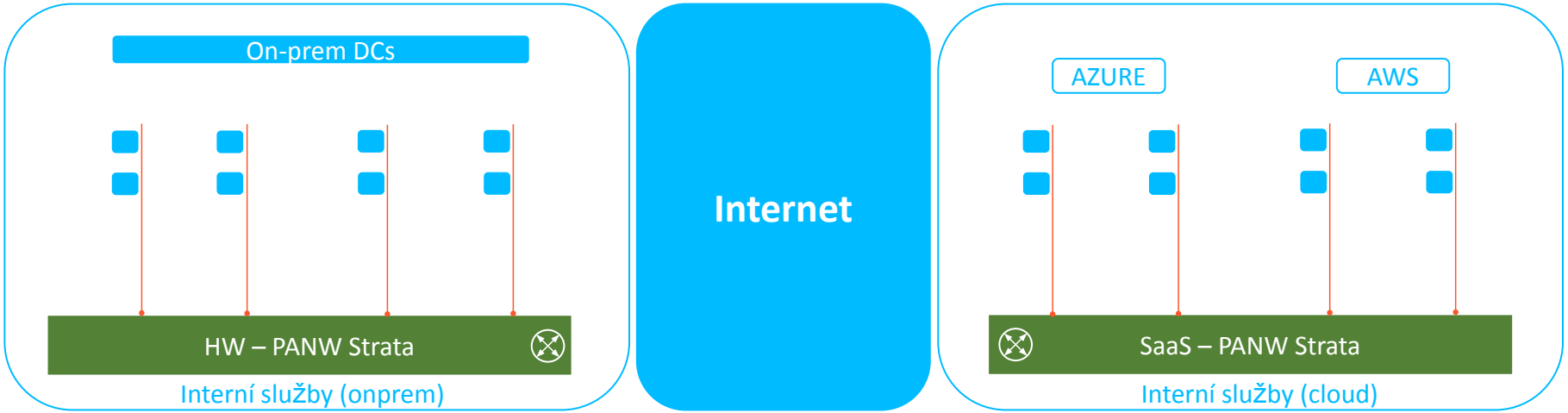
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Design – Interní služby



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Design – Interní služby



- Centrální management pro komunikační bezpečnost

- Řízení přístupu k interní síti
- Řízení interní komunikace
- Řízení přístupu k externím sítím
- Řízení přístupu pobočkových sítí

- Jednotná politika
- Identity based přístup
- Pokročilá detekce hrozeb
- EntraID integrace

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Design – Přístup do sítě

Interní služby (onprem)

Internet

Interní služby (cloud)

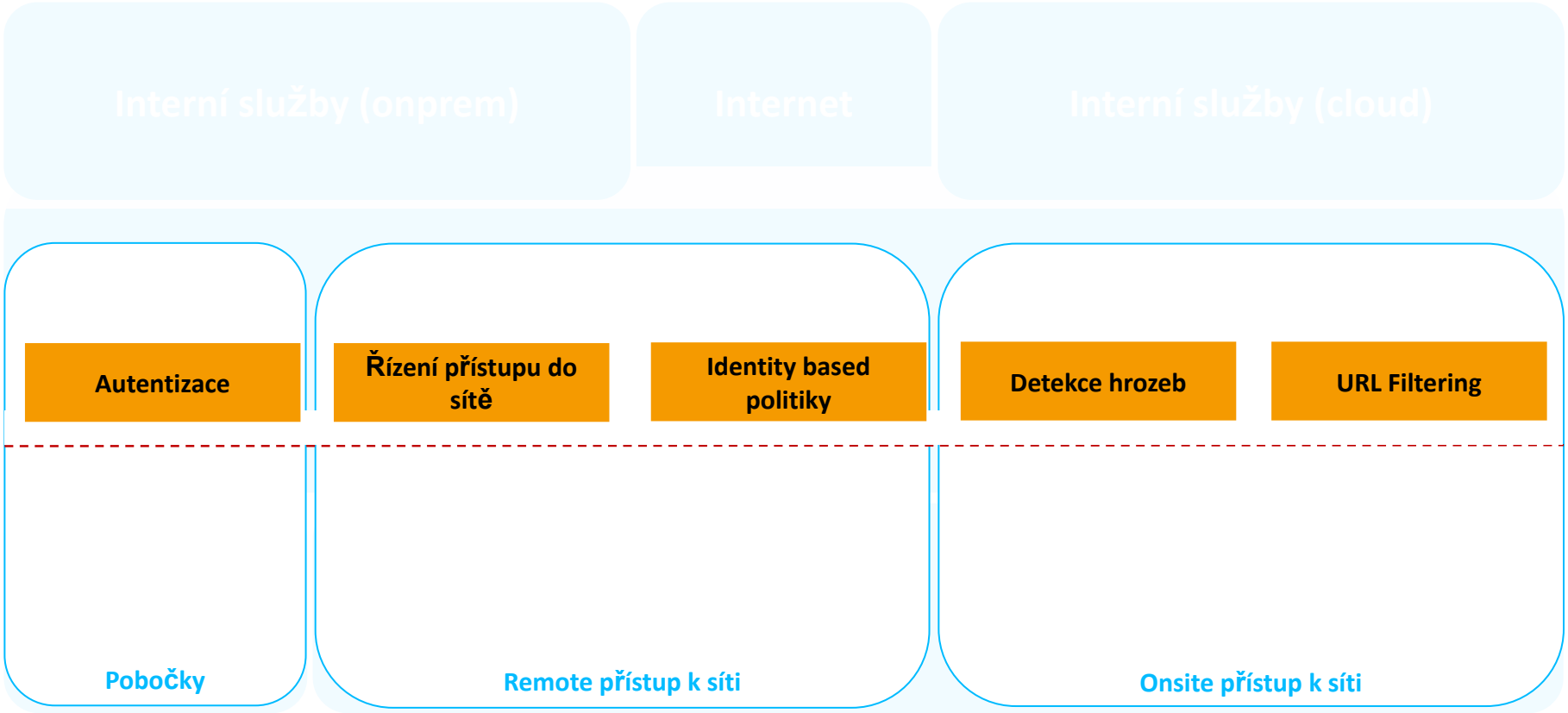
Přístup do sítě

Pobočky

Uživatel

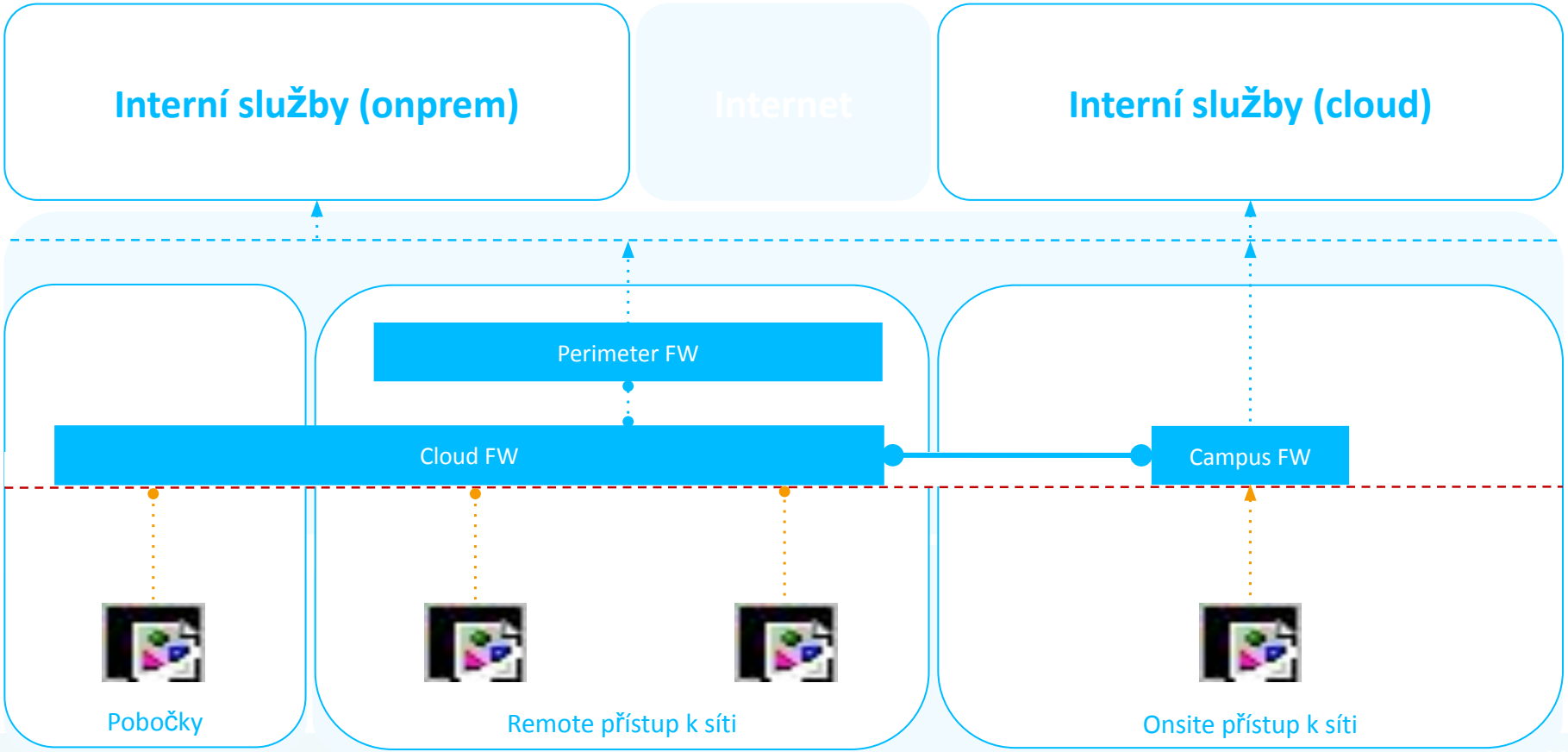
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Design – Přístup do sítě



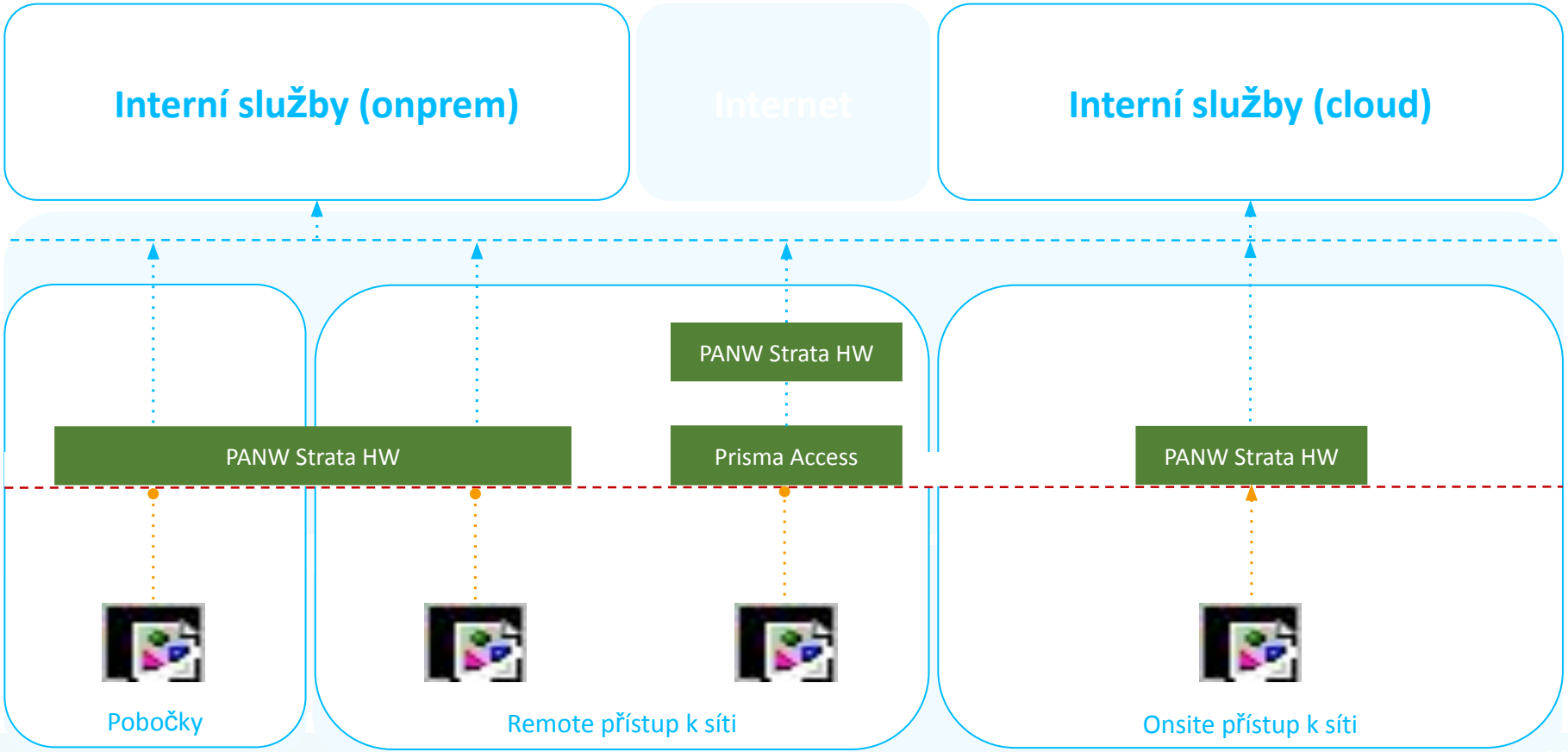
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Design – Přístup do sítě



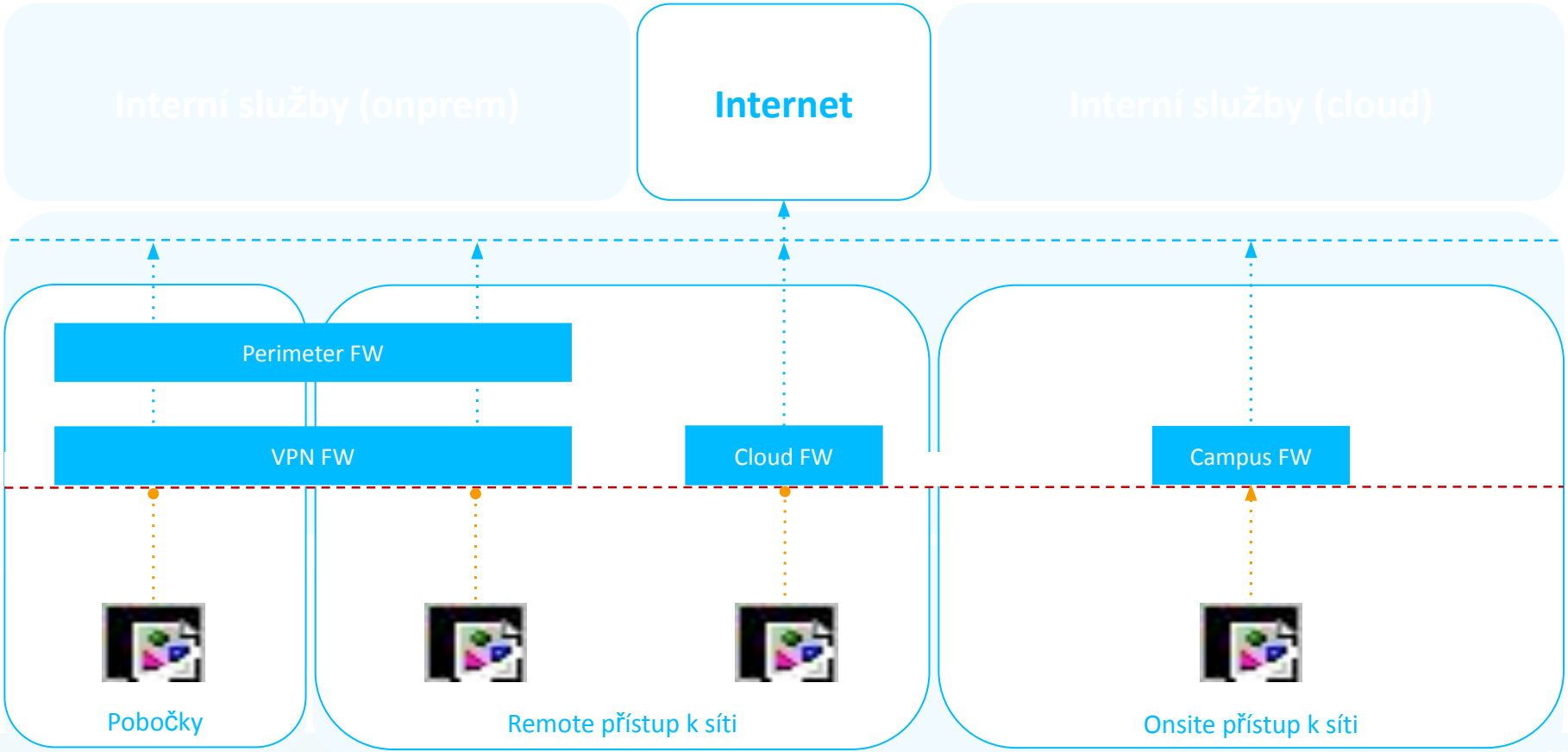
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Design – Přístup do sítě



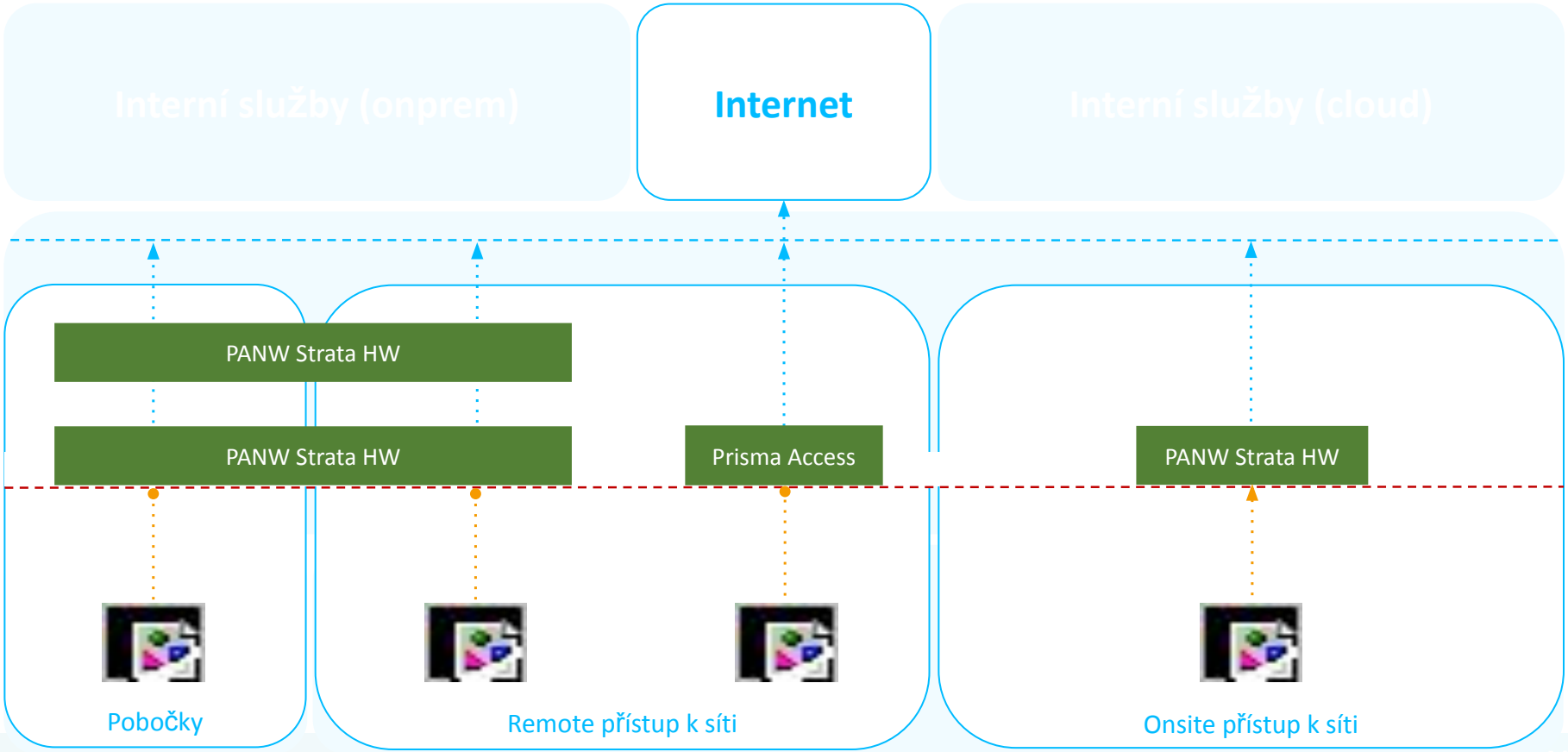
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Design – Přístup do sítě



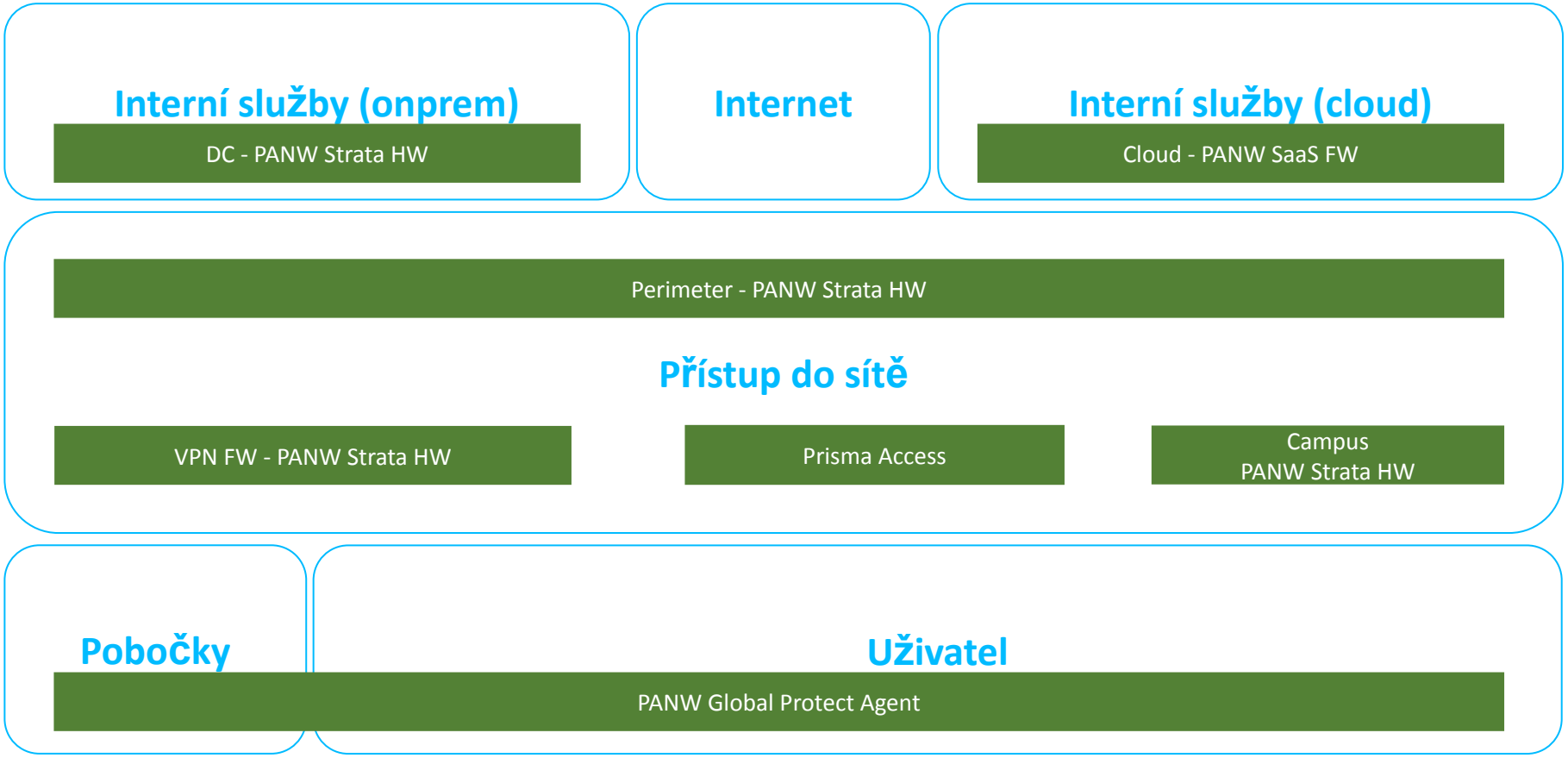
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Design – Přístup do sítě



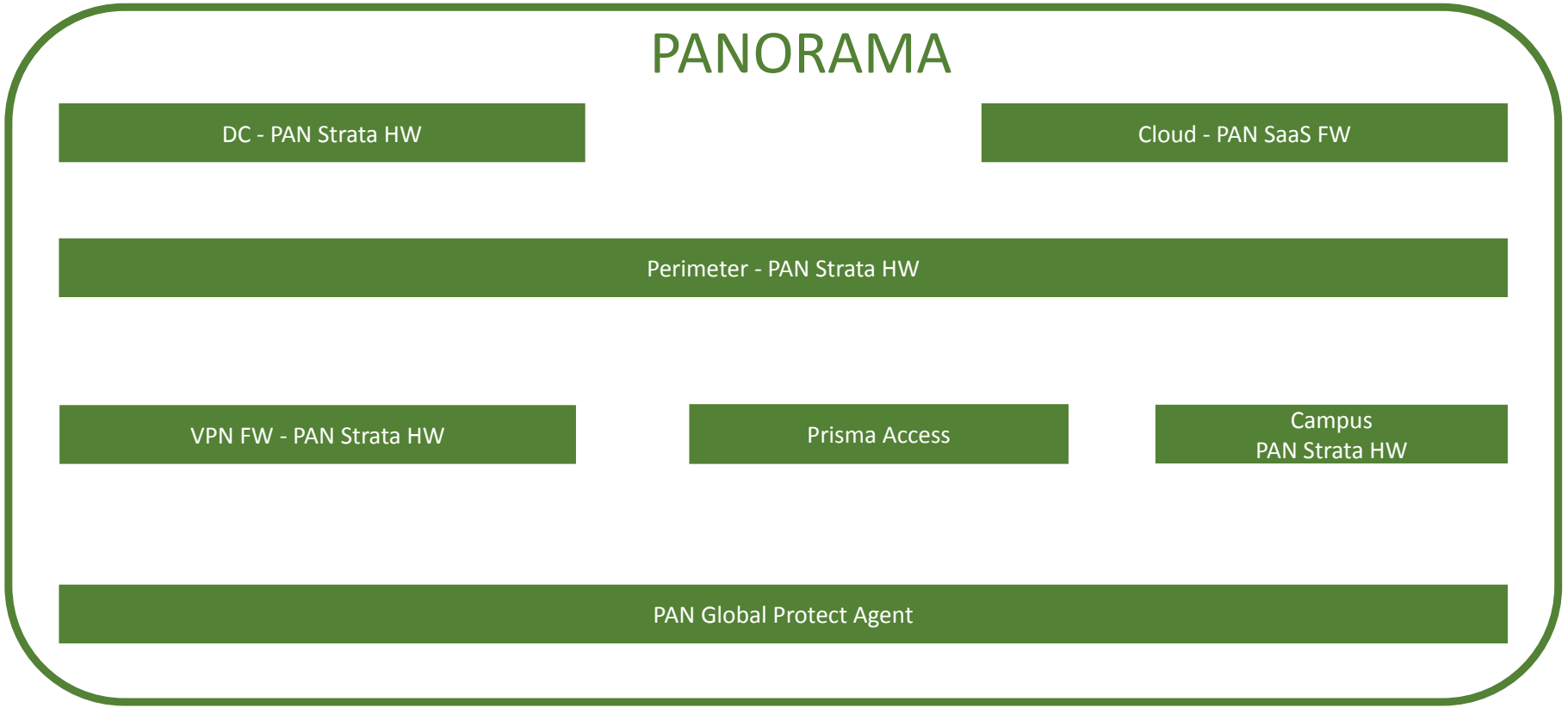
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Design – Centralizace a jednotný security stack



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Design – Centralizace a jednotný management



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Design – Centralizace a jednotný management

PANORAMA

- Management pro onprem, cloud
- Centrální správa konfigurací a politik
- Centrální správa a přístup k logům
- Role based access a integrace s EntraID

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Závěr a zpětná vazba



- Centrální management pro komunikační bezpečnost

- Řízení přístupu k interní síti
- Řízení interní komunikace
- Řízení přístupu k externím
- Řízení přístupu pobočkových sítí

- Jednotná politika
- Identity based
- Pokročilá detekce hrozeb
- EntraID integrace

+ Možnost mít SASE gateway kdekoliv
+ Jednotný management pro On-prem, Cloud a SASE
+ Direct Connect na SaaS služby (M365 a další)
+ Support během PoC i v běžném provoze
+ Integrace s MS Entra - SSO, Conditional Access a DUG (Dynamic User Group) a využívání uživatelských identit (User-ID) v politikách
+ Globální politiky bez ohledu na to odkud se uživatel přihlašuje (VPN, LAN)
+ Aplikační viditelnost a řízení politik na L7 (App-ID)
+ SSL Decrypce
+ Konsolidace bezpečnostních funkcí

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