OUR MISSION

Secure today for a better tomorrow

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VORTRAG it-sa 2022

ZTNA 2.0:
Der neue Standard bei Hybrid Workforce und Cloud-Transformation

Dienstag, 25.10.2022
14:00 – 14:15 Uhr

Mit Marc Meckel,
Manager Systems Engineering
Palo Alto Networks

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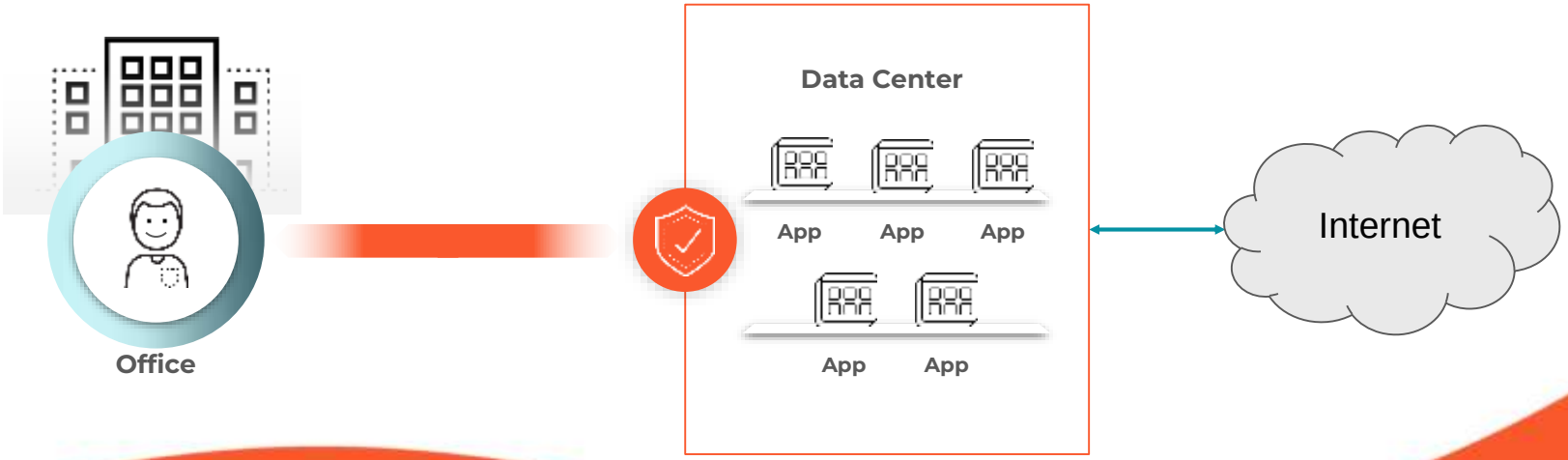
SECURITY WAS SIMPLE WHEN

WORK WAS A PLACE YOU WENT TO 1990's



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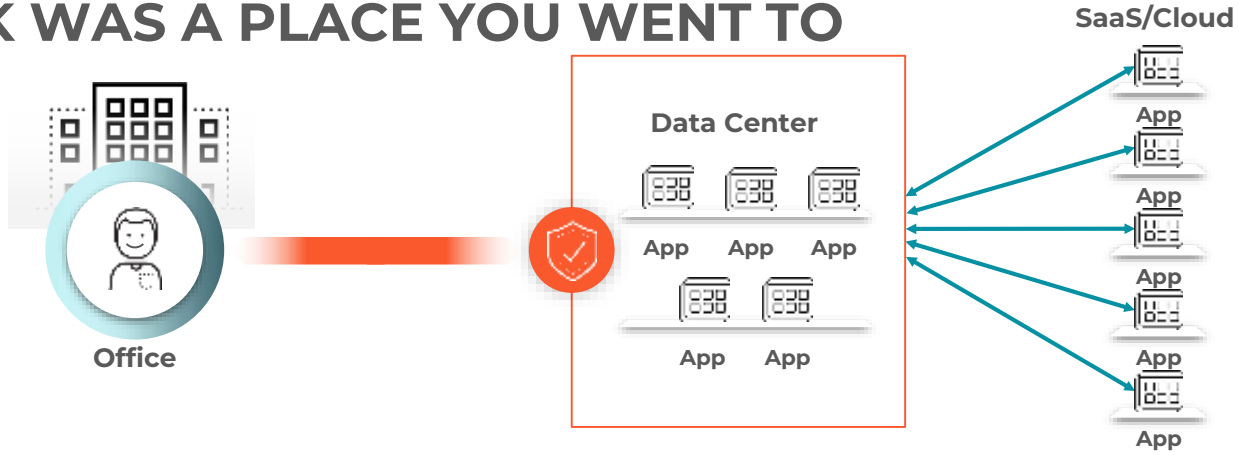
SECURITY WAS SIMPLE WHEN

WORK WAS A PLACE YOU WENT TO 2010's



- Driven by technical capabilities
  - Virtualization
  - Automation
  - Agile scaling of resources
- Benefits
  - Improved user experience
  - Pay-as-you-go
  - Partial shift of responsibilities to the cloud service provider
- Indirect results
  - Apps everywhere
  - All hybrid
  - All multi-cloud

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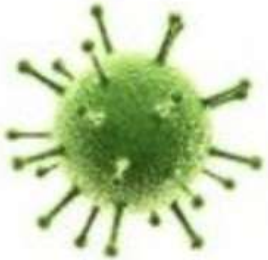
2020



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WORK IS
AN ACTIVITY, NOT A PLACE

APPS ARE EVERYWHERE

80% of organizations have a hybrid cloud strategy, and the average organization uses **110 SaaS apps.**

(FLEXERA, 2021; STATISTA, 2021)

USERS ARE EVERYWHERE

76% of employees want to be hybrid, even after the pandemic.

(The State of Hybrid Workforce Security, 2021)

itsa 365

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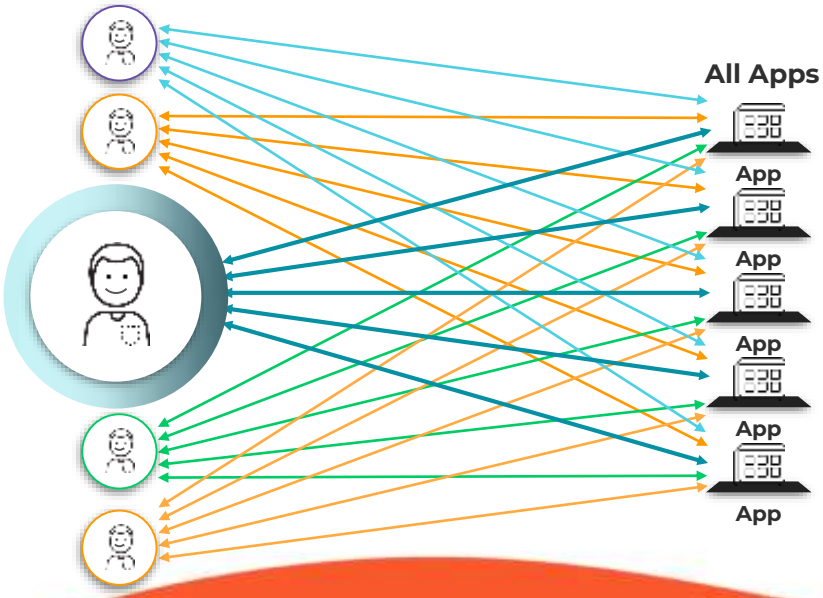
THE SECURITY IMPLICATIONS OF HYBRID WORK:
THE ATTACK SURFACE HAS EXPLODED



BIGGER ATTACK SURFACE = MORE ATTACKS

92%

of technology executives said that their companies experienced a cyber attack over the past 12 months.

(FORRESTER, 2021)

A NEW THREAT, A NEW SECURITY TOOL

76

The average number of security tools in an organization. (+19% over the past two years, from 64 to 76)

(PANASEER, 2022)

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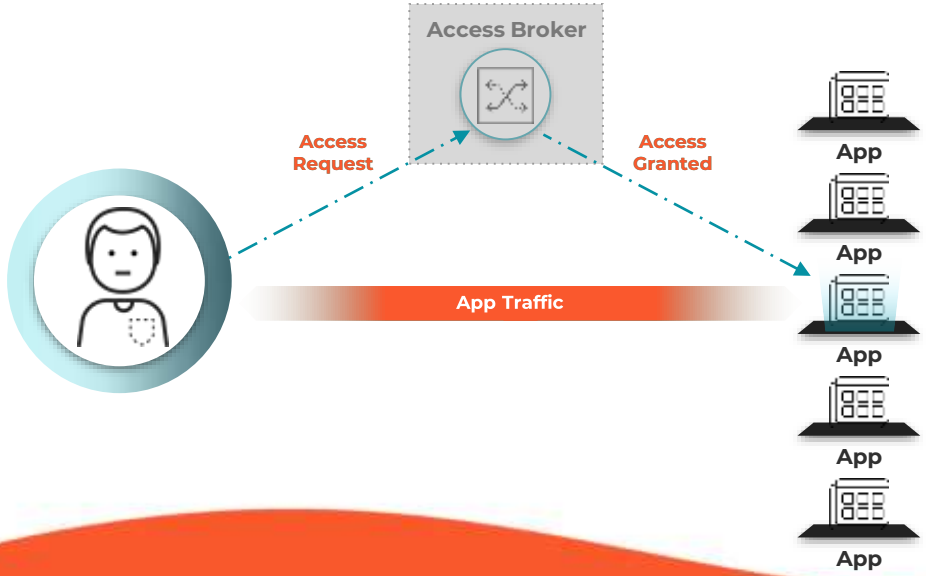
THE INDUSTRY TRIED TO SOLVE SECURE ACCESS WITH ZTNA 1.0 in the 2010s



- User connects to the access broker
- Access is granted
- User communicates directly with the app

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YOU CAN'T TEACH OLD SECURITY NEW TRICKS

THE WORLD NEEDS A PARADIGM SHIFT.

PRE-2010

VPN

2010s

ZTNA 1.0

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YOU CAN'T TEACH OLD SECURITY NEW TRICKS

THE WORLD NEEDS A PARADIGM SHIFT.

2022 -

ZTNA 2.0

2010s

ZTNA 1.0

PRE-2010

VPN

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INTRODUCING

ZTNA 2.0

ZTNA 1.0	ZTNA 2.0
Violates the principle of least privilege	**Least-privilege access**
Allows and ignores	**Continuous trust verification**
No security inspection	**Continuous security inspection**
Doesn't protect data	**Protects all data**
Can't secure all apps	**Secures all apps**

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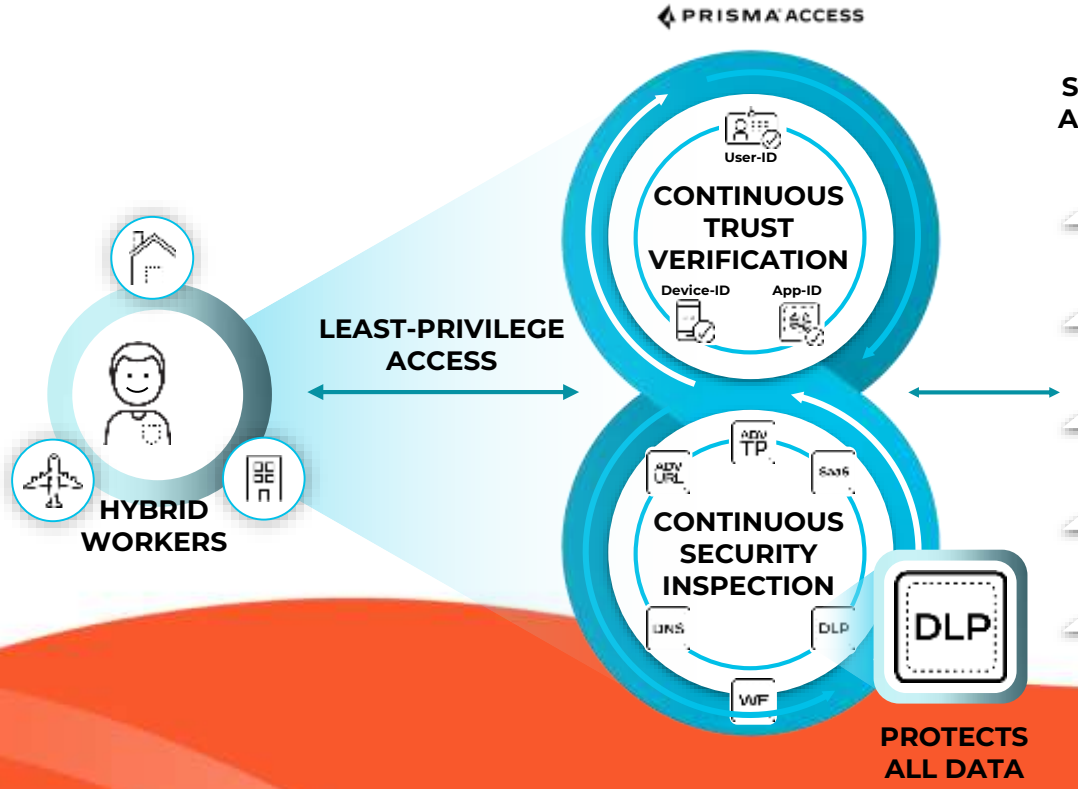
Prisma Access: Delivering on the Vision of ZTNA 2.0



- Least-Privilege Access
- Continuous Trust Verification
- Continuous Security Inspection
- Protect All Data
- Secures All Apps

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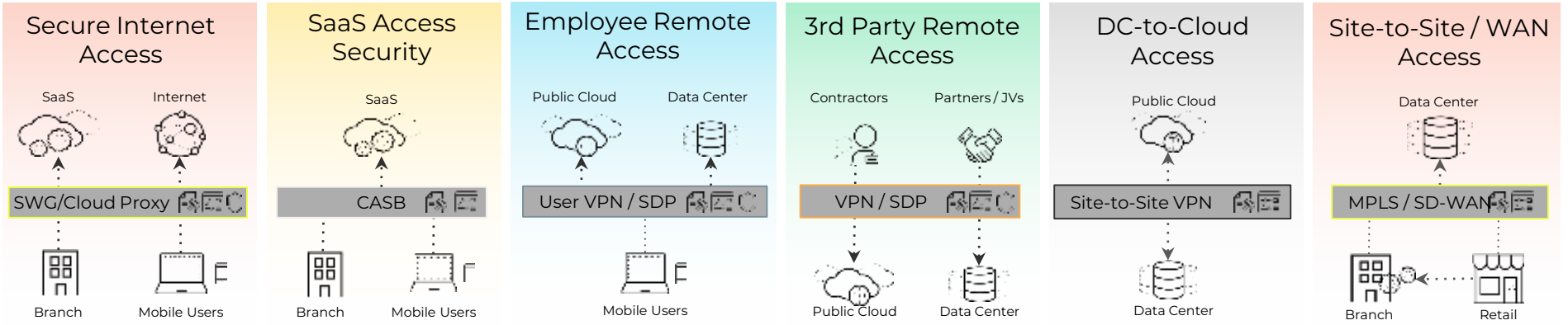
SIX DIFFERENT USE CASES



Multiple Endpoint Clients | Multiple Policies | Multiple Management Interfaces | Inconsistent Security Inspection

Complexity, inconsistent security and user experience,
cost of overlapping solutions

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Thank you

Palo Alto Networks, der weltweit führende Anbieter von Cybersicherheit, liefert kontinuierlich Innovationen, um eine sichere digitale Transformation zu ermöglichen – auch wenn sich das Tempo des Wandels beschleunigt.

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