



ZTNA

Jaro Stolicny

Systems Engineer, Fortinet

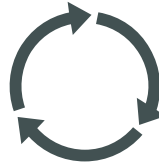
Enterprise Access Trends



Single Authentication

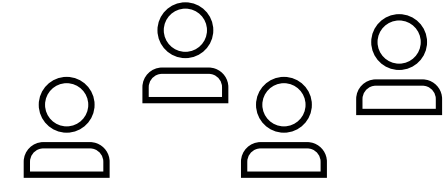


Continuous Verification of Identity & Risk



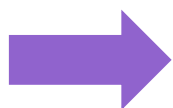
By 2024, 70% of application access will use MFA, up from 10% today¹

Growth of Remote Work

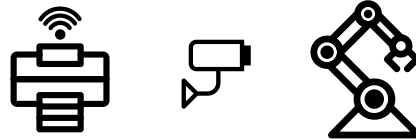


Workforce shifts from 4% teleworking to 30% teleworking by end of 2021²

BYOD



IoT



By 2025, there will be **12B** installed IoT devices³

Transition to Dynamic Hybrid Cloud



On-prem Data center



On-prem Data center



Private Cloud



Public Cloud

Since nearly every organization needs it, hybrid IT use-case requirements have become more common among Gartner clients.⁴

¹ Gartner Magic Quadrant for Access Management, 12 August 2019

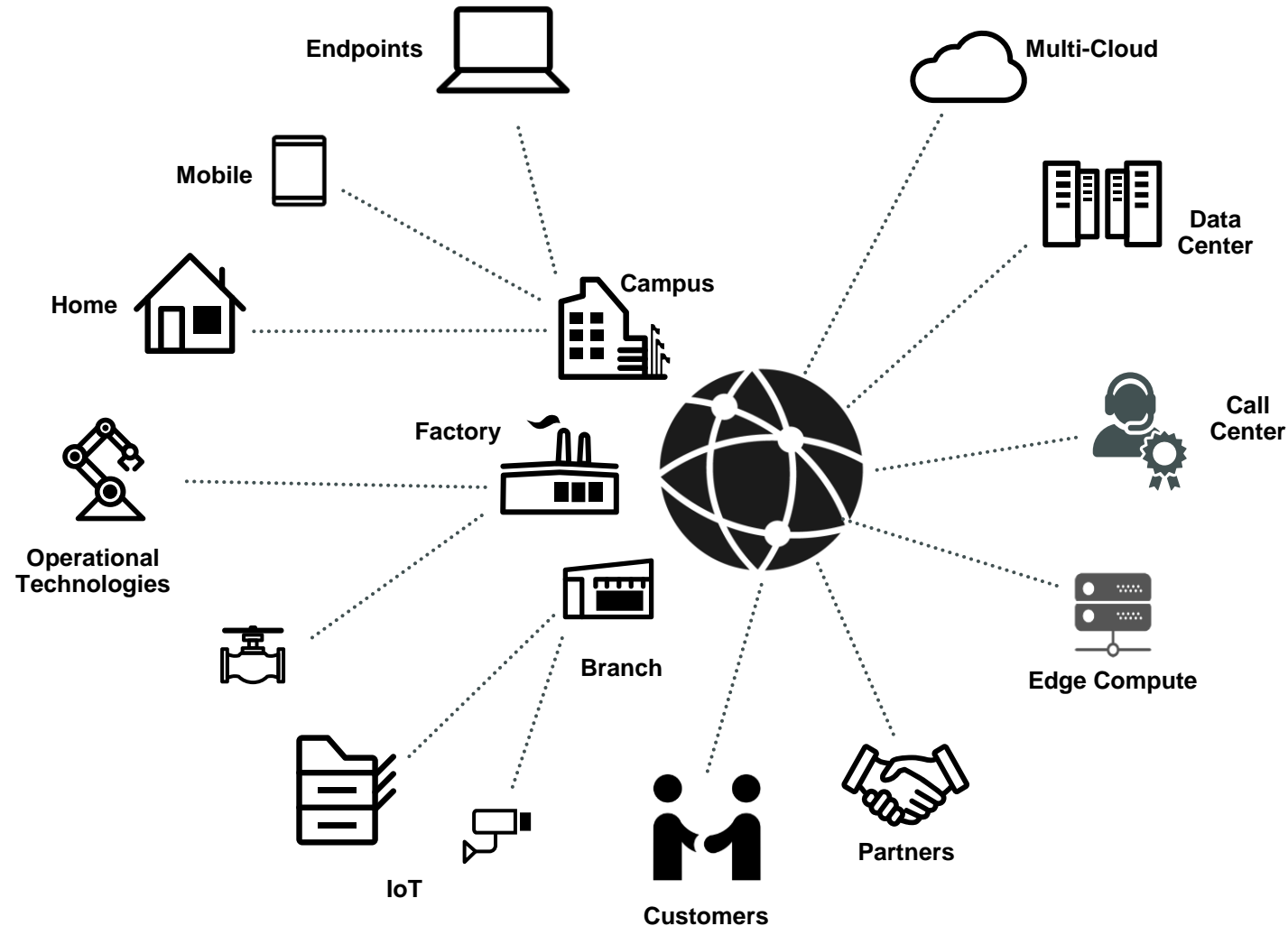
² Global Workplace Analytics

³ Gartner IoT Forecast

⁴ Gartner Magic Quadrant for Public Cloud Managed Services, 4 May 2020



Zero Trust Access

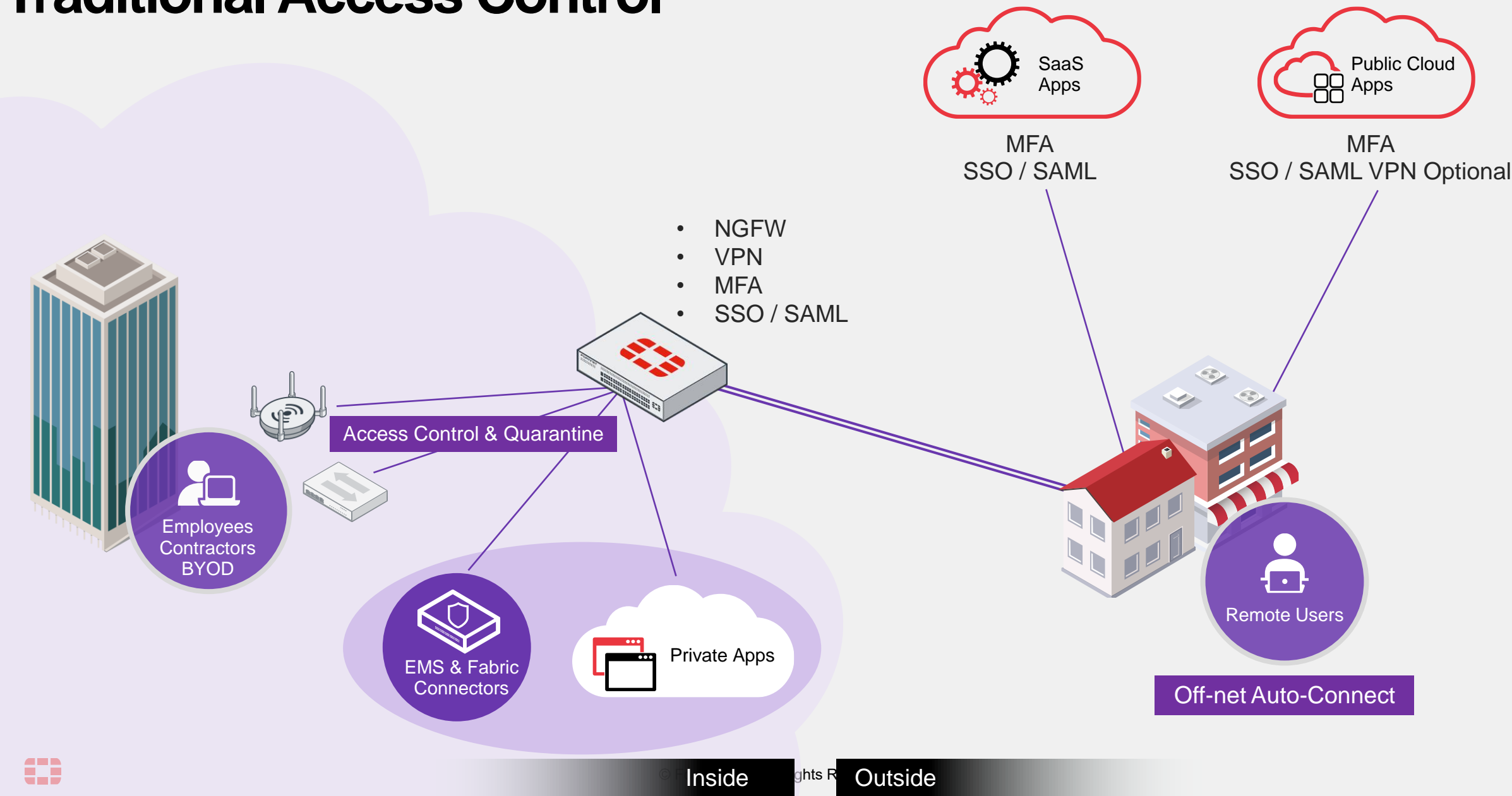


Knowing and Controlling Everyone and Everything on and off the Network

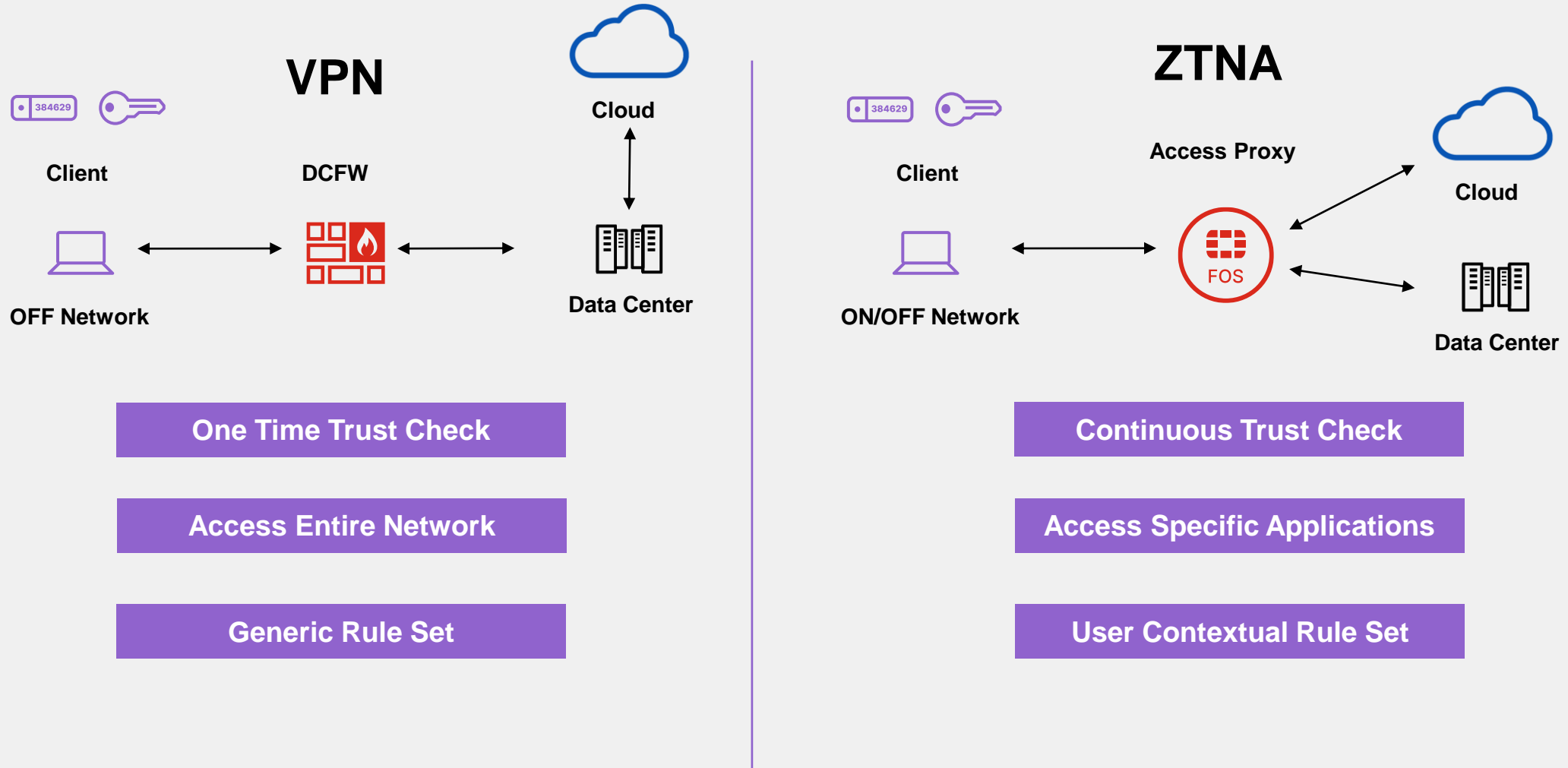
Ensures consistent security policy across the network, the cloud, and off-network



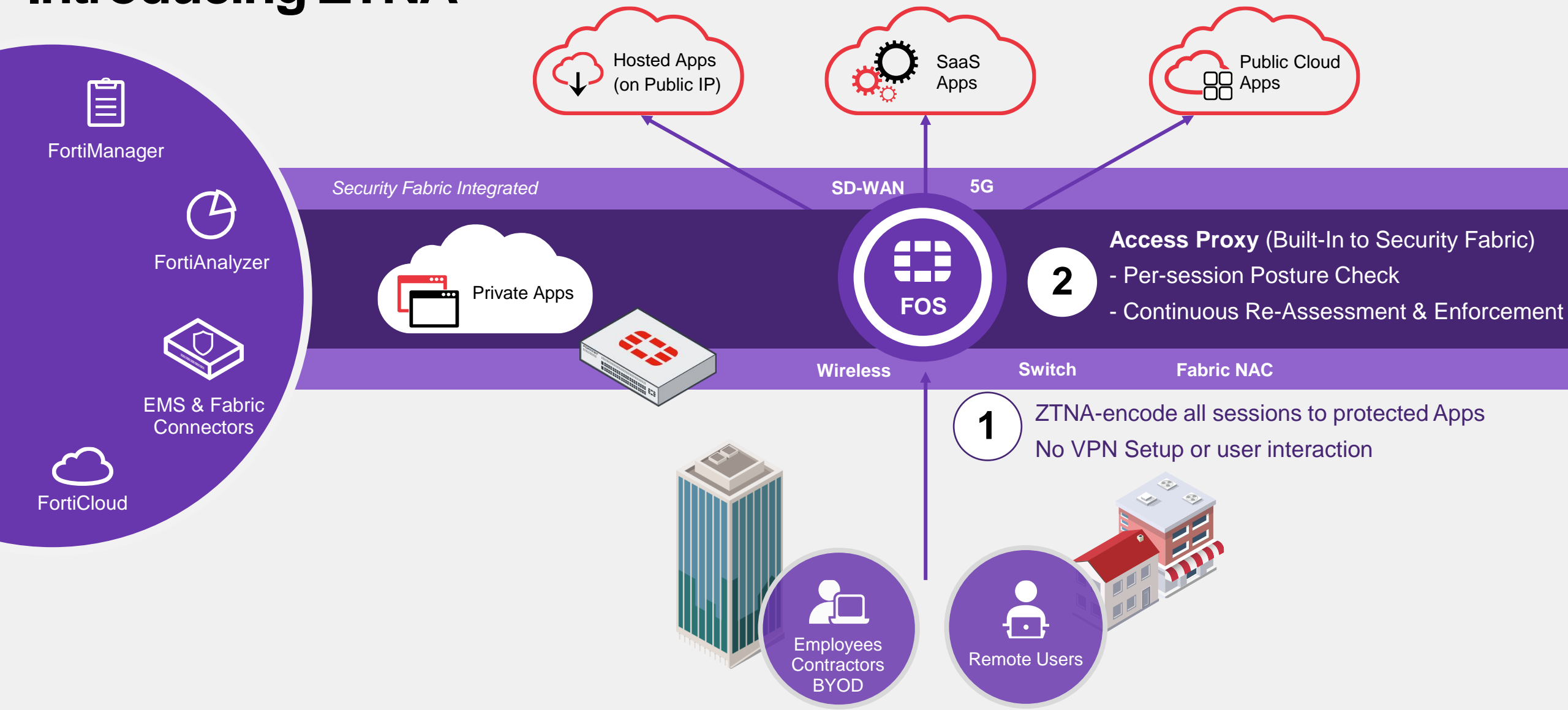
Traditional Access Control



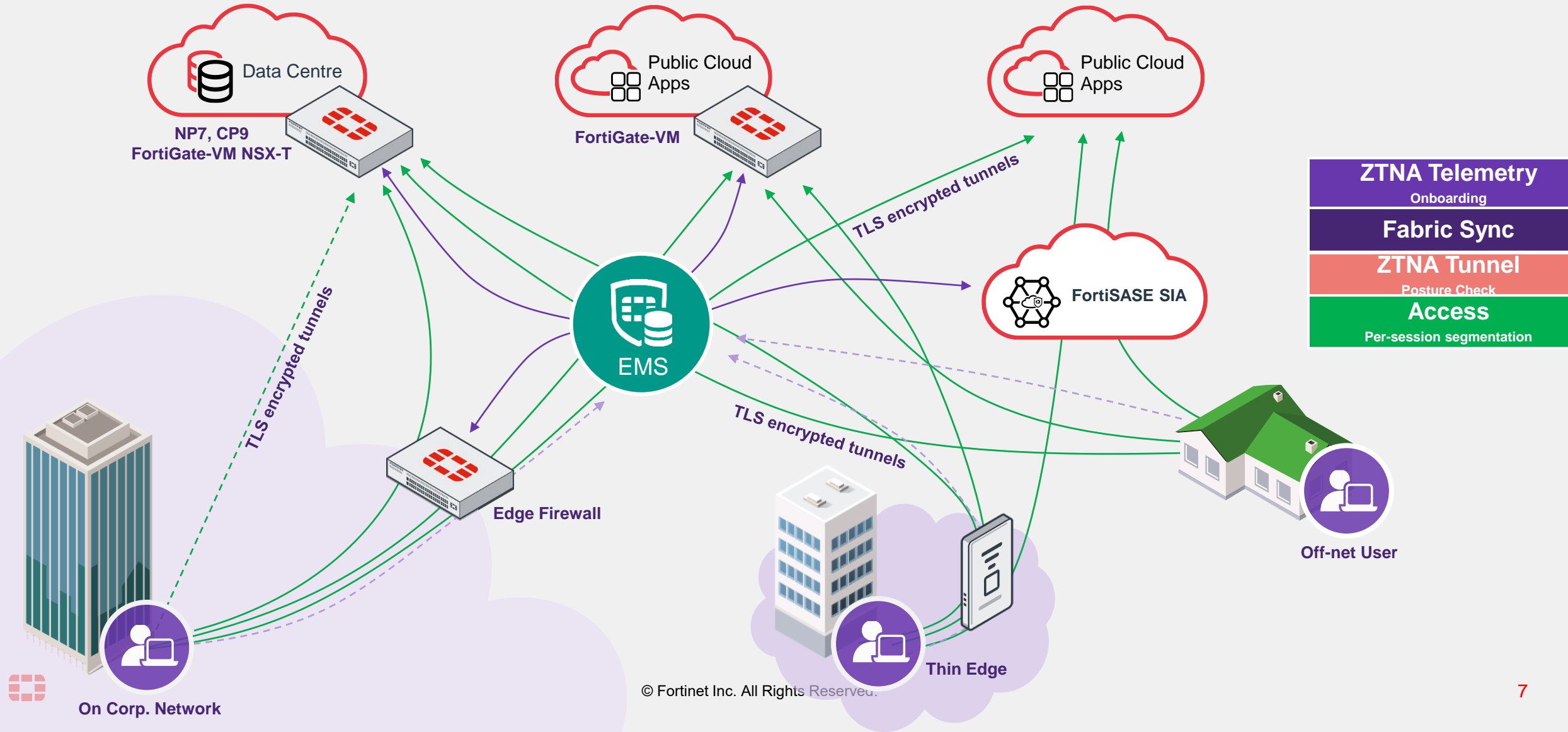
Evolution from Traditional VPN to ZTNA



Introducing ZTNA



Automated Zero Trust for All Apps

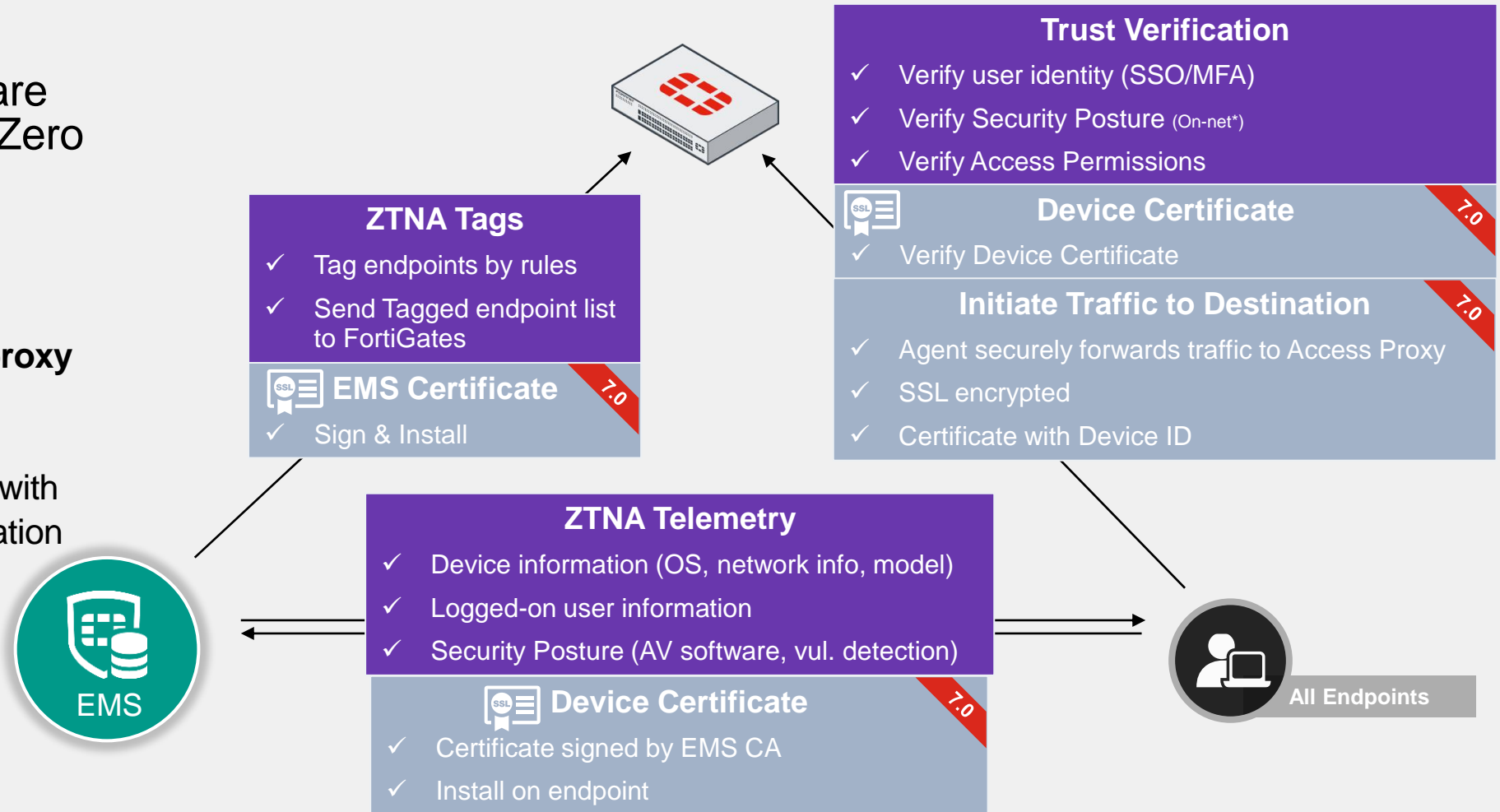


ZTNA

New Zero Trust Solution

Several new features are added to support new Zero Trust solution

- **HTTPS access proxy** with FortiClient as ZTNA agent
- **TCP forwarding access proxy**
- **IP/MAC filtering**
- Support **trust verification** with certificate-based authentication





FORTINET®