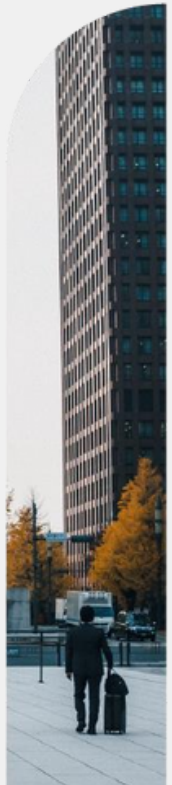
FullProxy

FORTINET

Zero Trust Identity Security

FortiAuthenticator, FortiToken, FortiTrust Identity and FortiPAM



Fortinet isone of the largest cybersecurity companies in the world.

Founded: October 2000

Founded by: Ken Xie and Michael Xie

Headquarters: Sunnyvale, CA

Fortinet IPO (FTNT): November 2009

Listed in both NASDAQ 100 and S&P 500 Indices

Member of: 2023 Dow Jones Sustainability World and North America Indices

Global Customer Base
750K+
Customers

>50%
Global Firewall Shipments

2023 Billings
$6.4B+
(as of Dec. 31, 2023)

~$2.5B+
Investment in Innovation since 2017, with 91% R&D
(as of Dec. 31, 2023)

Market Capitalization
$52.1B
(as of March 31, 2024)

Security Investment Grade Rating:
BBB+ Baa1

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Fortinet Secures Over 750,000 Organizations Worldwide

Over 750,000 enterprises, service providers, and government organizations around the world trust Fortinet to secure their operations

73% of Fortune 100 and 69% of Global 2000 depend on Fortinet to stay secure

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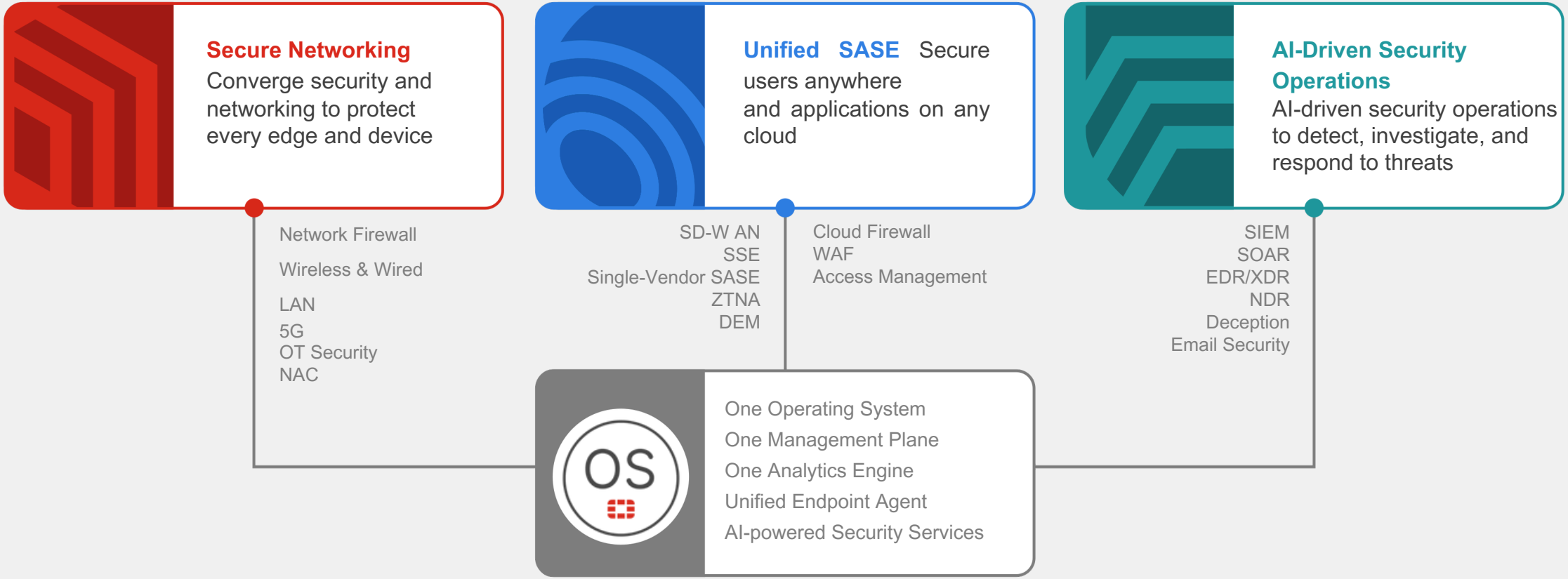
Notes: G2000 - based off of the 2022 Forbes list; total number of accounts is 1932 after factoring in M&A activity since publication. Fortune list; total number of accounts is 494 after factoring in M&A activity since publication.

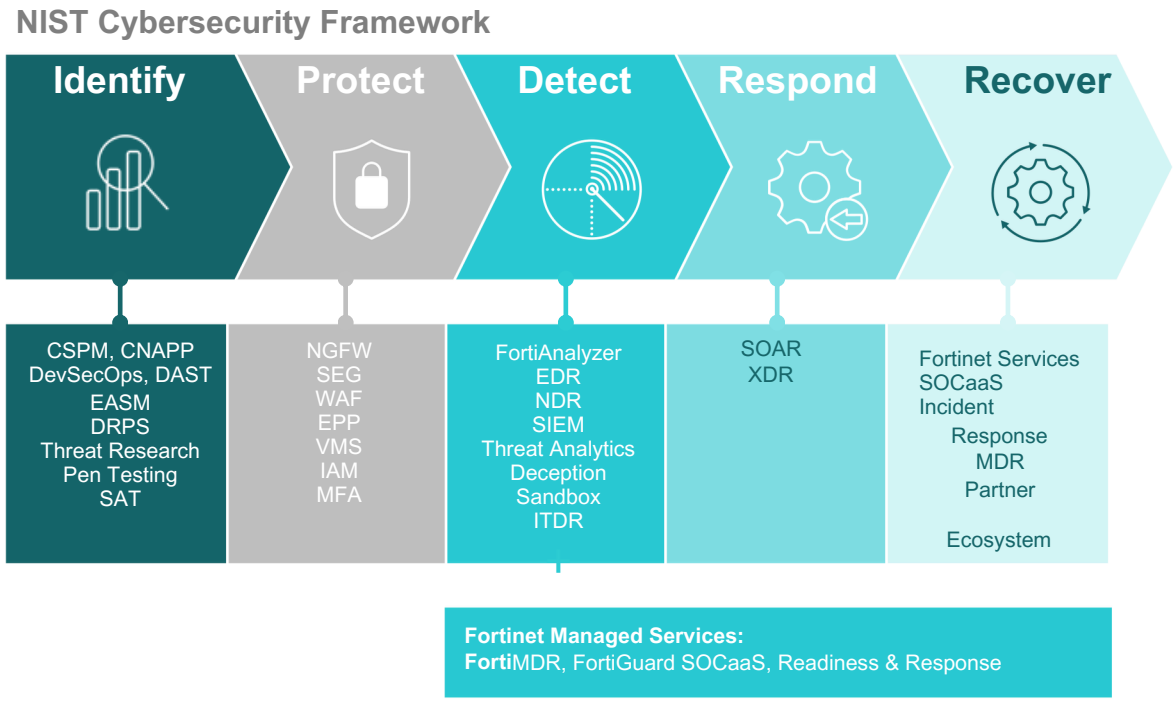
The Fortinet Security Fabric Platform

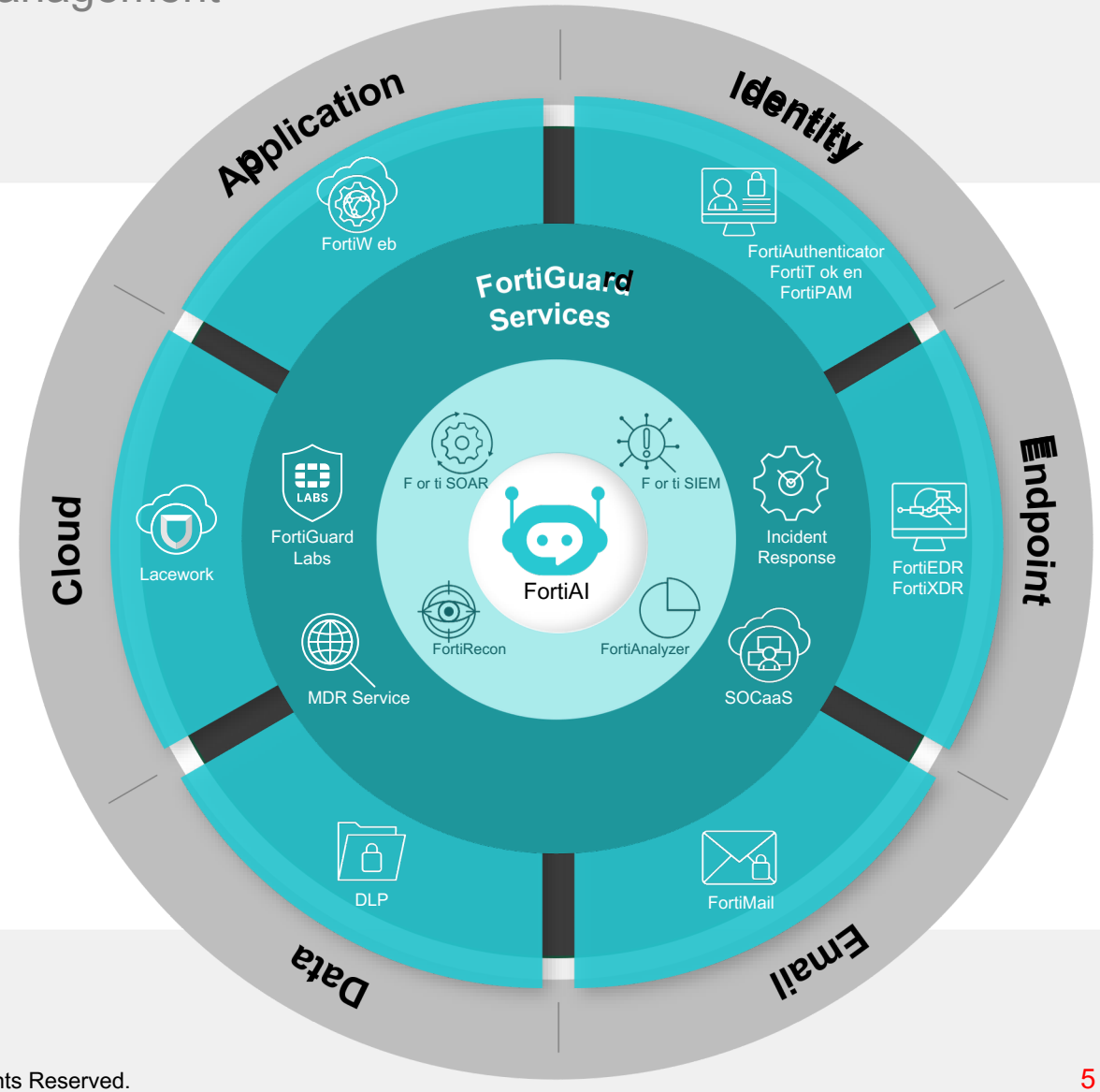
The Only Cybersecurity Platform Delivering Unprecedented Integration and Automation



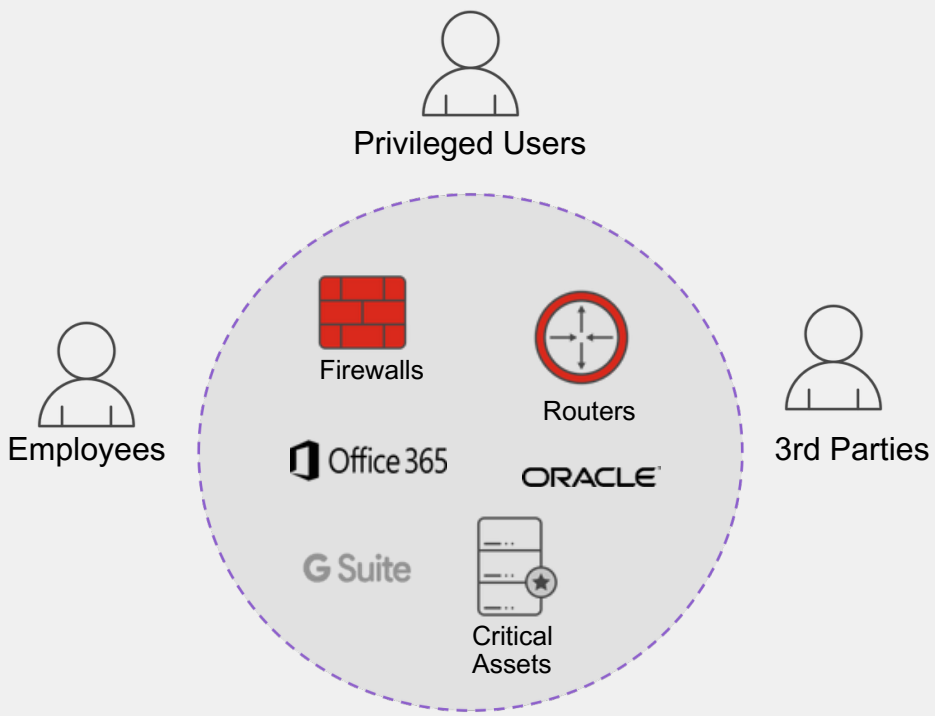
AI-Driven SecOps: Detect & Respond Faster

Aligns to NIST cybersecurity framework to improve risk management



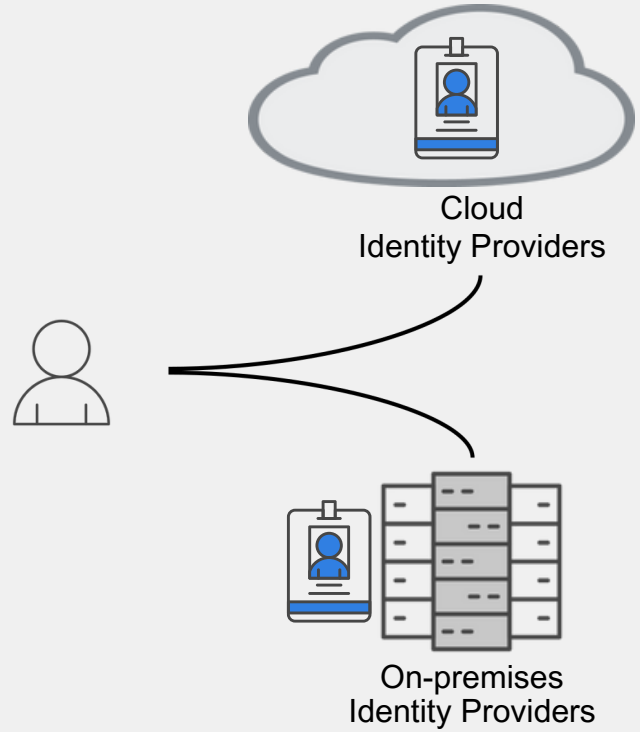


Identity Trends



Users are the New Perimeter

Users are accessing **Resources** from **Anywhere** increasing attack surface



Hybrid Environment

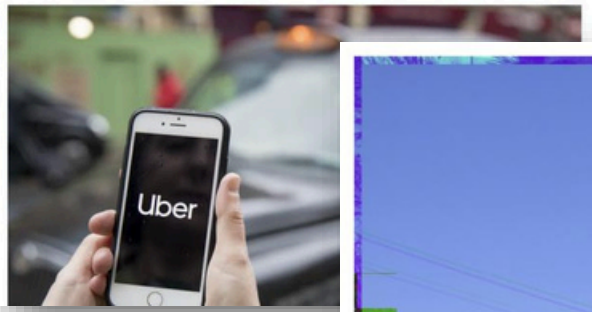
Siloed Identity Systems cause ***Security Gaps*** and increase ***IT Workload***

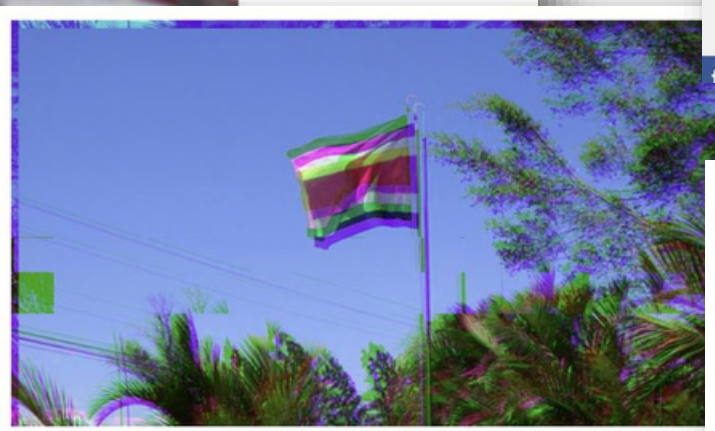
Identity Attacks Continue to Rise

Uber blames security breach on Lapsus$, says it bought credentials on the dark web

The hacking group apparently gained access to several internal Uber systems after stealing a third-party contractor's credentials and then convincing the contractor to approve a two-factor authentication request.

Written by **Stephanie Condon**, Senior Writer on Sept. 19, 2022



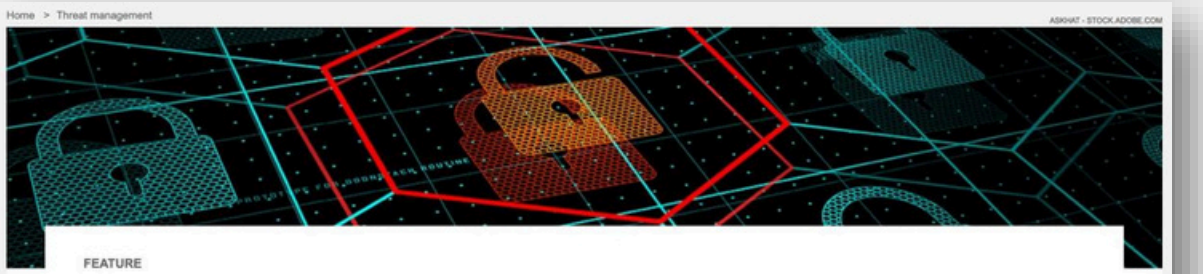


Jonathan Greig
January 20, 2023

Briefs | Government | Malware

Costa Rica's Ministry of Public Works and Transport crippled by ransomware attack

Costa Rica's government has suffered another ransomware attack just months after several ministries were crippled in a wide-ranging attack by hackers using the Conti



FEATURE

Colonial Pipeline hack explained: Everything you need to know

A ransomware attack brought a major gas pipeline to a standstill in May. Here's what happened and who was behind the hack.

By Sean Michael Kerner — Published: 26 Apr 2022

TECHNOLOGY > CYBERSECURITY | November 16, 2022

Medibank cyberattack caused by high-level credential compromise

The health insurer released some details of the breach today, but says it will say more once a formal investigation is complete.

By Claudia Glover

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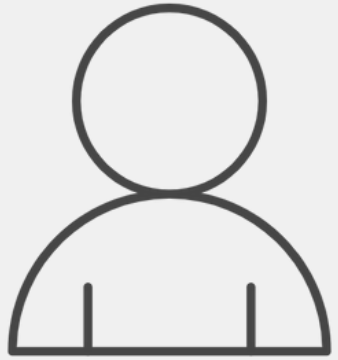
Identity: the Foundation for Zero Trust

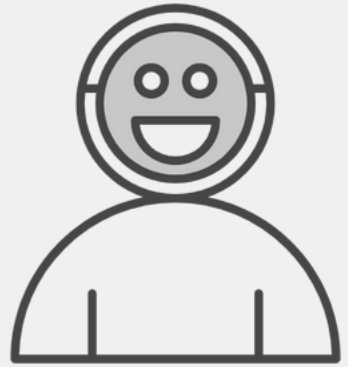
Knowing **who** is on the network

IDENTITY IS THE CORNERSTONE OF A ZERO TRUST SECURITY STRATEGY

- Who is the user?
  - Employee? Sales? Finance?
  - Guest? Supplier? Temp worker?
  - How do you know?
- What access should they get?
  - User's Role determines access rights and security services
  - A **Least Access Policy** allows access only to resources necessary for the role/job
  - Easily revoke access as needed



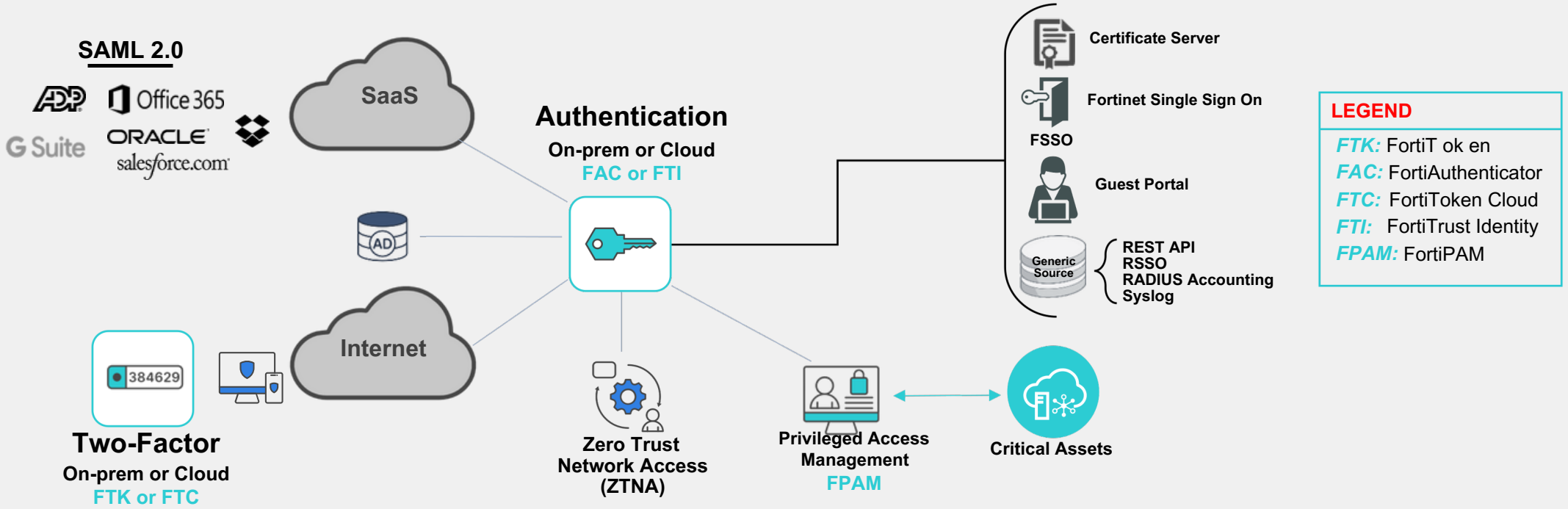
User?



Impersonator?

Zero Trust Access—Ensure User Identity

Knowing **who** is on the network, provide **least privilege** access



Authentication	Role-based Access	Single Sign On	ZTNA	PAM
Establish/re-verify identity though user log-in, certificate, and/or multifactor input	Provide information from authentication source for use in accessing company resources	Provide better user experience for logins while maintaining security	Supporting Identity-controlled application access	Controlling access to critical assets and infrastructure

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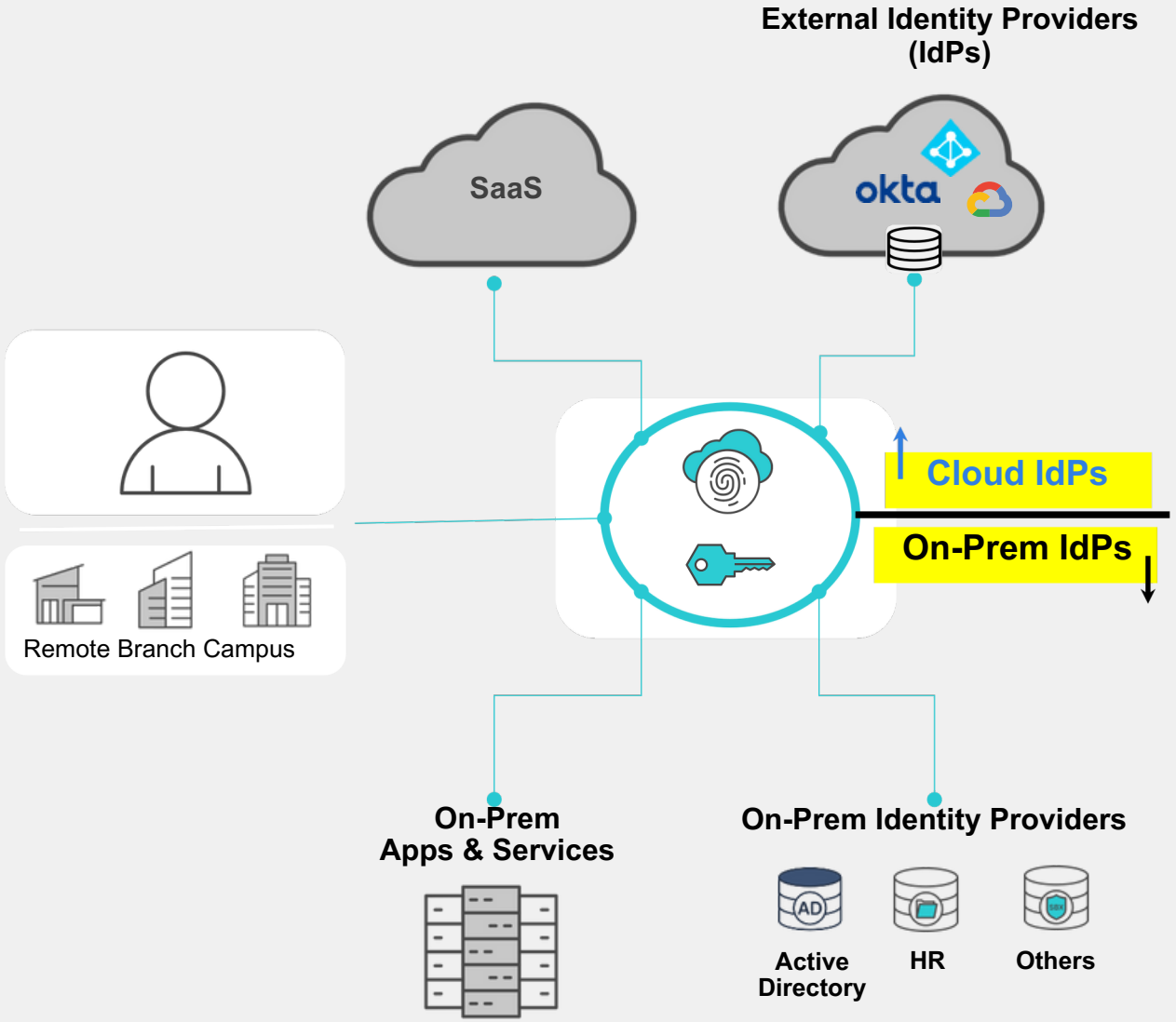
Security Controls Enabling and Managing Access Rights for All Users



Simplify and reduce IT workload with the integrated and centralized IAM system

- On-prem approach with Appliances or VM
- Cloud approach with FortiTrust Identity

User identity to provide least privilege access.

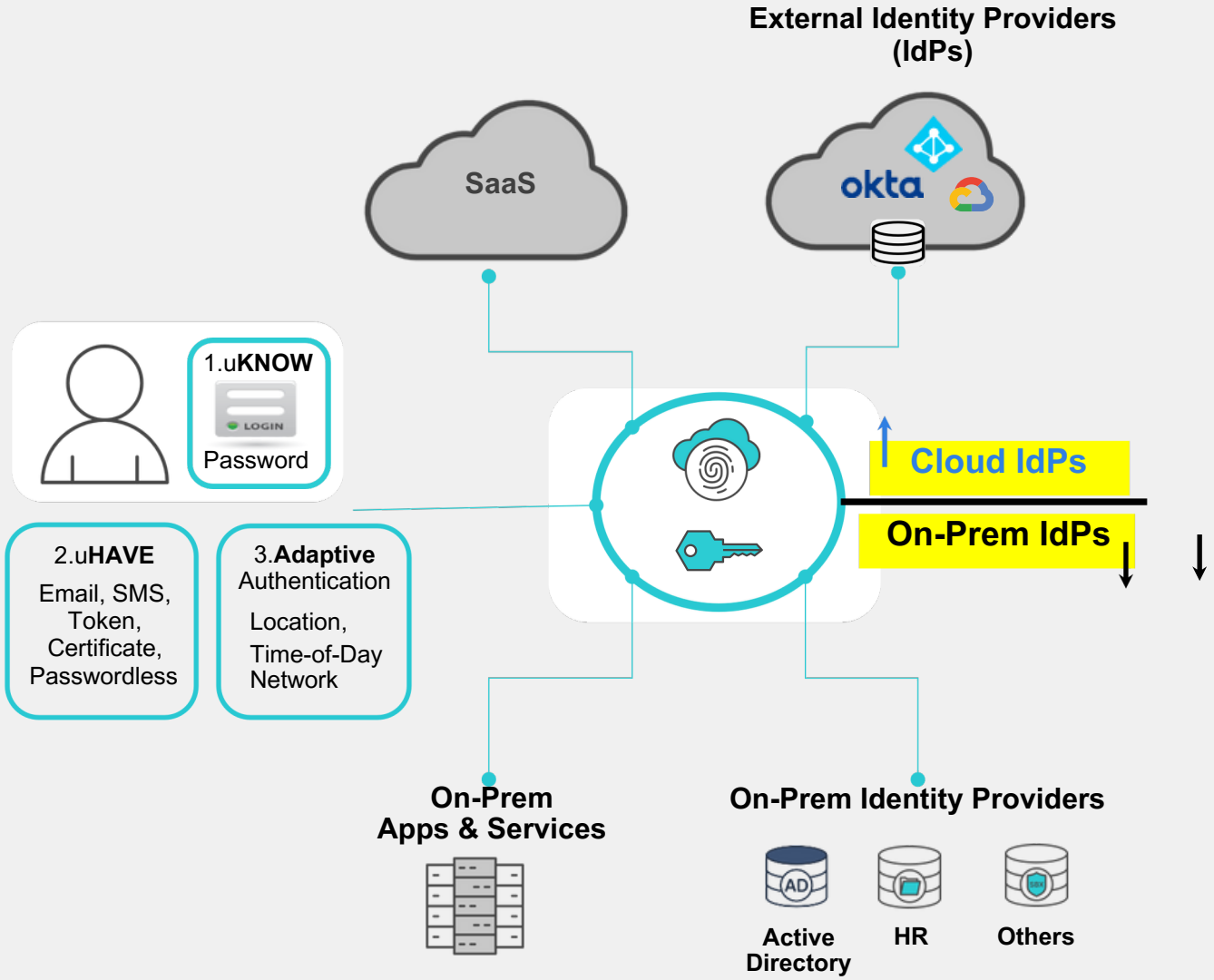
Better end-user experience

- SSO and MFA choice-of-use
- Self-service portals

Best Price to Value

Assure Identity of All Users

Increased Security, Convenience and Ease-of-Use for All Users



Increased Security with MFA

SSO for easy user experience

Passwordless (FIDO) support

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On-Premise IAM components

FortiAuthenticator

- Perpetual license. No hidden costs
- Hardware or Virtual Appliance
- Upgrade SKUs

Appliance

3 Available models
100 – 240K users
User upgrade SKUs

Virtual Machine

100 – 1M + users
User upgrade SKUs

Services

FortiCare

FortiToken

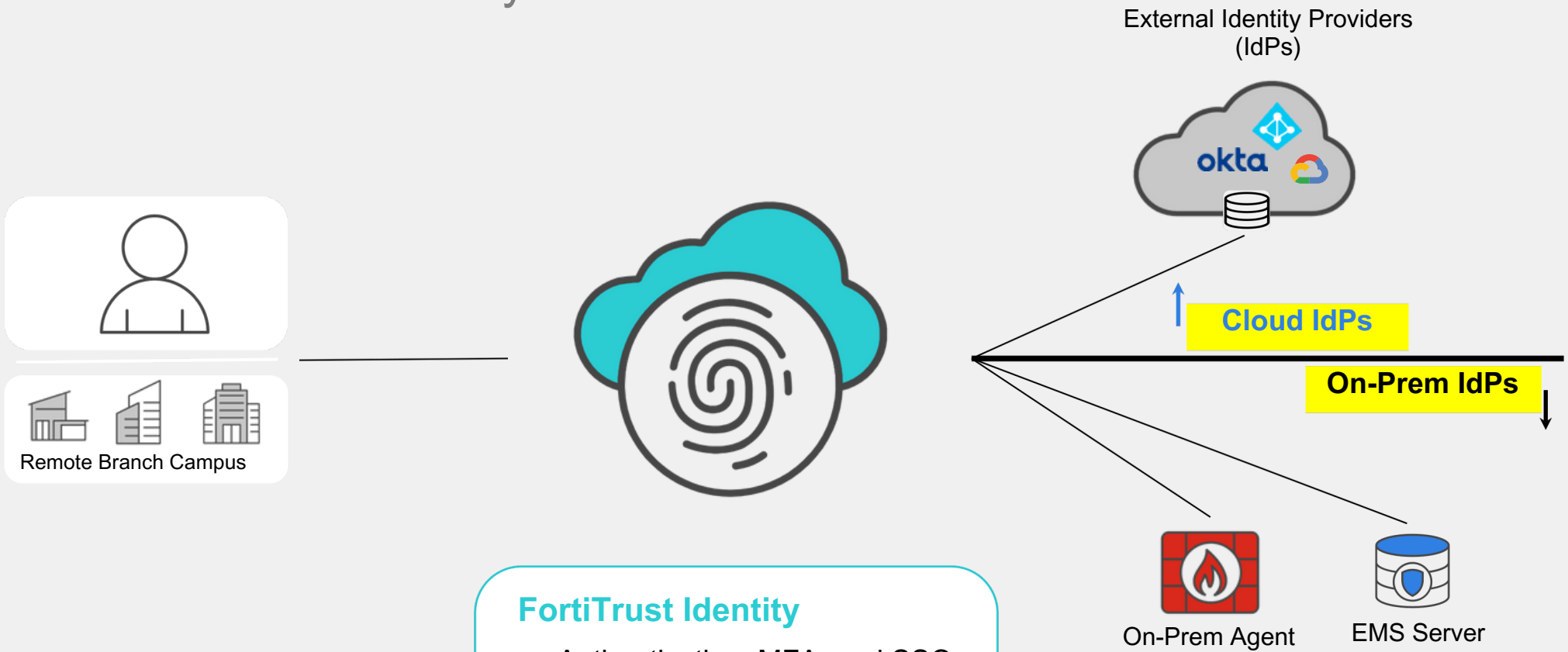
- Simple perpetual license. No hidden costs
- Hardware – USB, credit card, key fob form-factors
- Mobile App with PUSH technology

FortiToken Mobile ***FortiToken 210*** ***FortiToken 310*** ***FortiToken 410 (Passwordless)***

One-Time-Passcode (OTP) | Certificate | FIDO Key

Identity as-a-Service

All-in-One IAM solution for Hybrid Environment

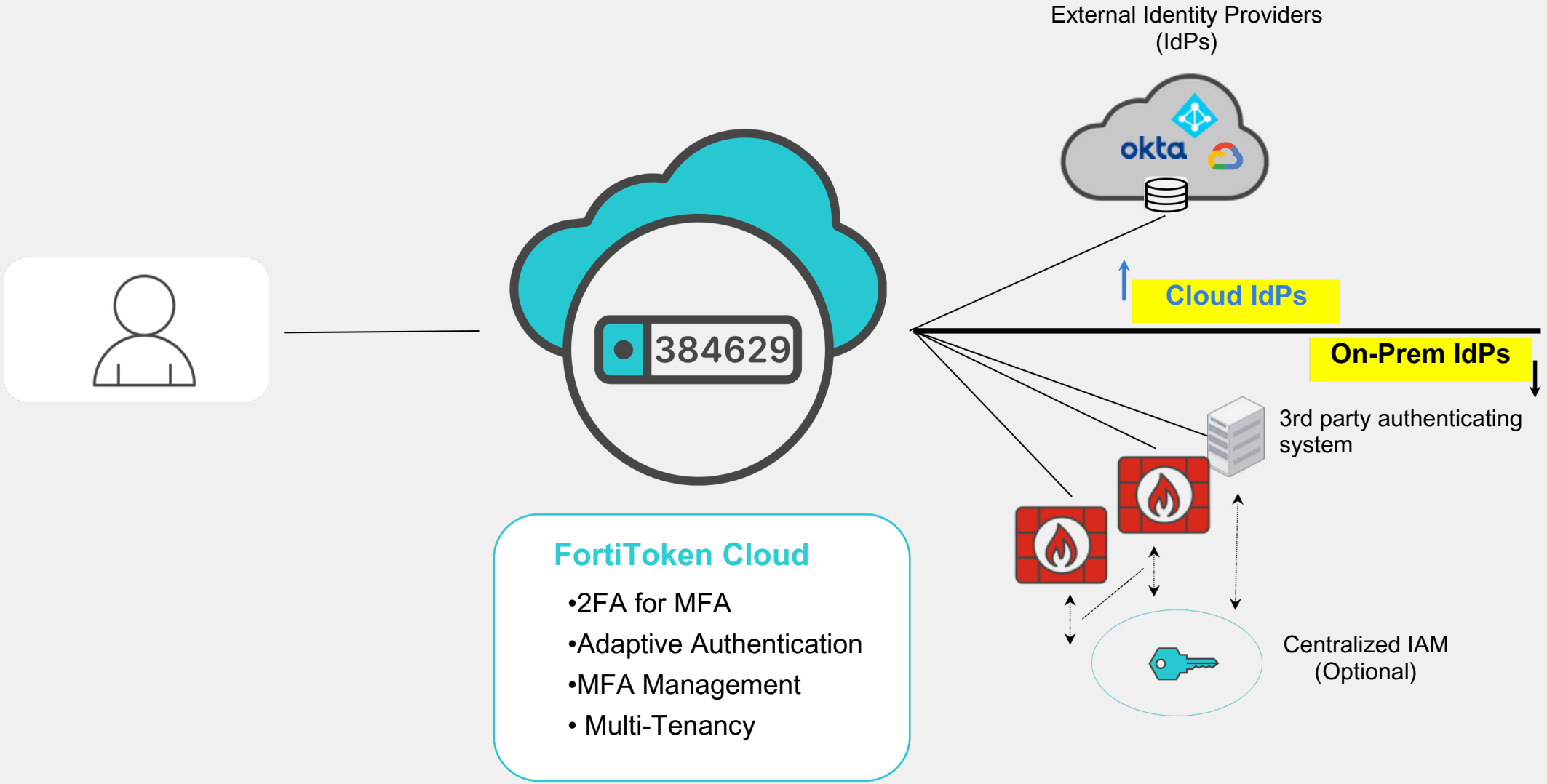


FortiTrust Identity

- Authentication, MFA, and SSO
- User-Band Subscription
- Cloud-based, access from anywhere at any time

MFA as-a-Service

MFA for FortiGate Environment (FortiAuthenticator Optional)



Introducing FortiPAM

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FortiPAM Key Functions

Providing credential vault

- End users does not know or see the credentials
- Reduces the risk of credentials leaking

Only authorized users can access specific resources

- Least privilege access based on roles (Standard User, Administrator, Custom)
- Secret permission control
- Administrator defined policy and permission

No sensitive data left on end-user computer
Automatic password changing

ZTNA Controls
Hierarchical approval system
Control of risky commands

Keystroke, mouse events monitoring
Video recording

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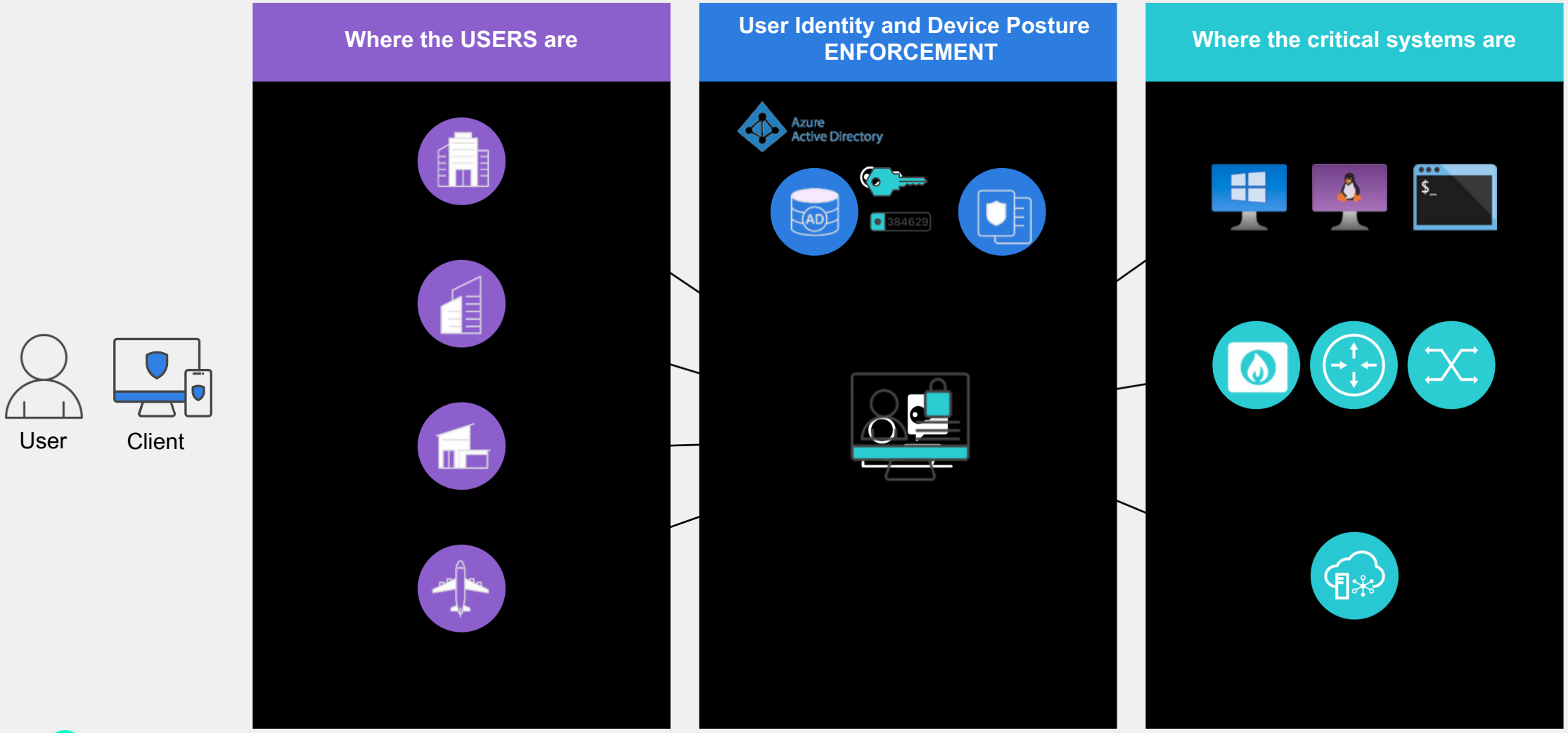
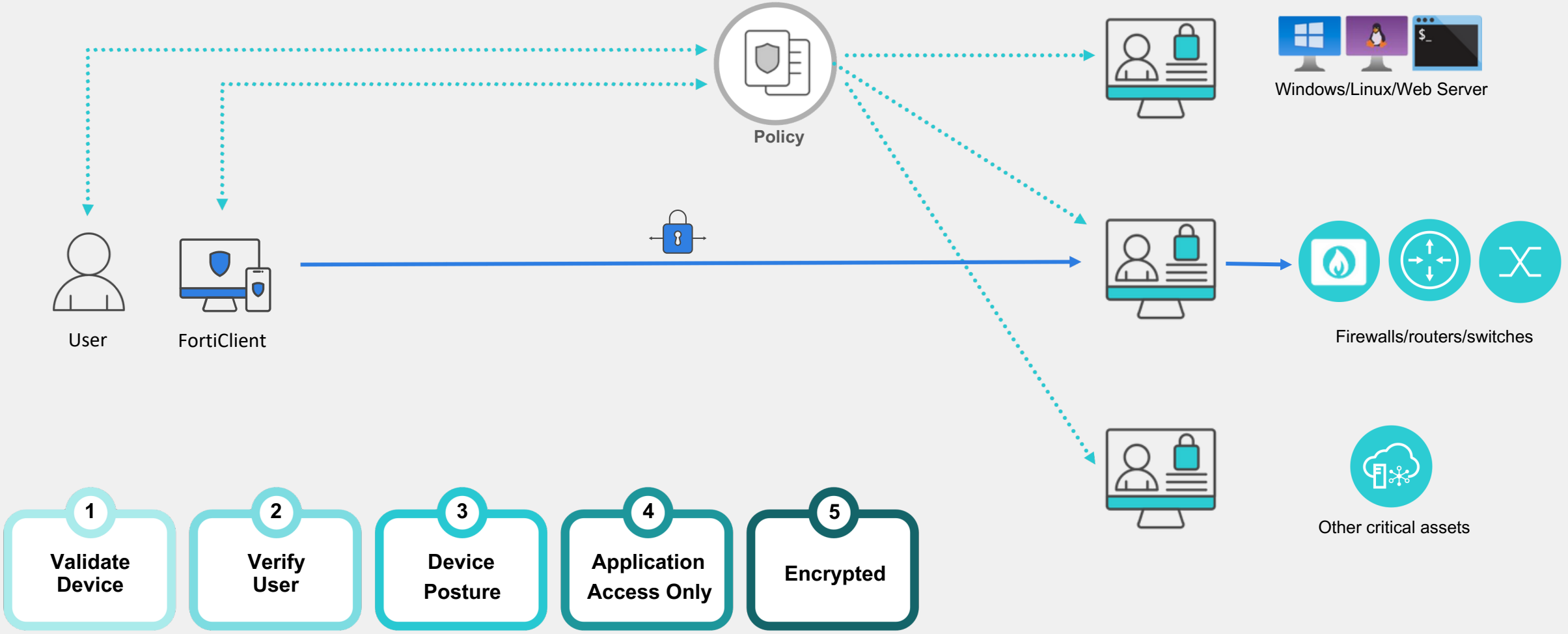
FortiPAM as Application Gateway

The components of FortiPAM



FortiPAM ZTNA Operation



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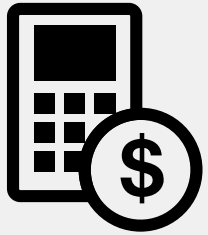
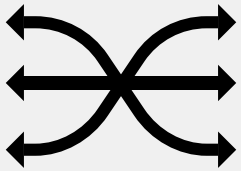
Why Our Customers Chose Fortinet IAM

A Trusted Partner Now and into the Future



Better Value

- All Inclusive IAM solution (Authentication, MFA, SSO, PAM)
- Integrated into Fortinet Security Fabric as the source of Identity
- Ease of use with SSO, and self-service portal
- Fortinet eco-system allowing organizations to drive innovations with technologies



Flexibility

- Simple and scalable architecture – can start with FortiGate; easily upgrade to FortiAuthenticator and FortiPAM Centralized management and licensing.
- No hidden costs for additional features Flexible deployment options –
- appliances, software, cloud

Secure

- Zero trust security for user identity with least privileged authentication to control access for all users including privileged users.
- Adaptive and Strong authentication including passwordless (FIDO) token mitigating password theft, social engineering, and phishing attacks
- Simple and easy to reuse OTP token across different platforms (iOS, Android)

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