

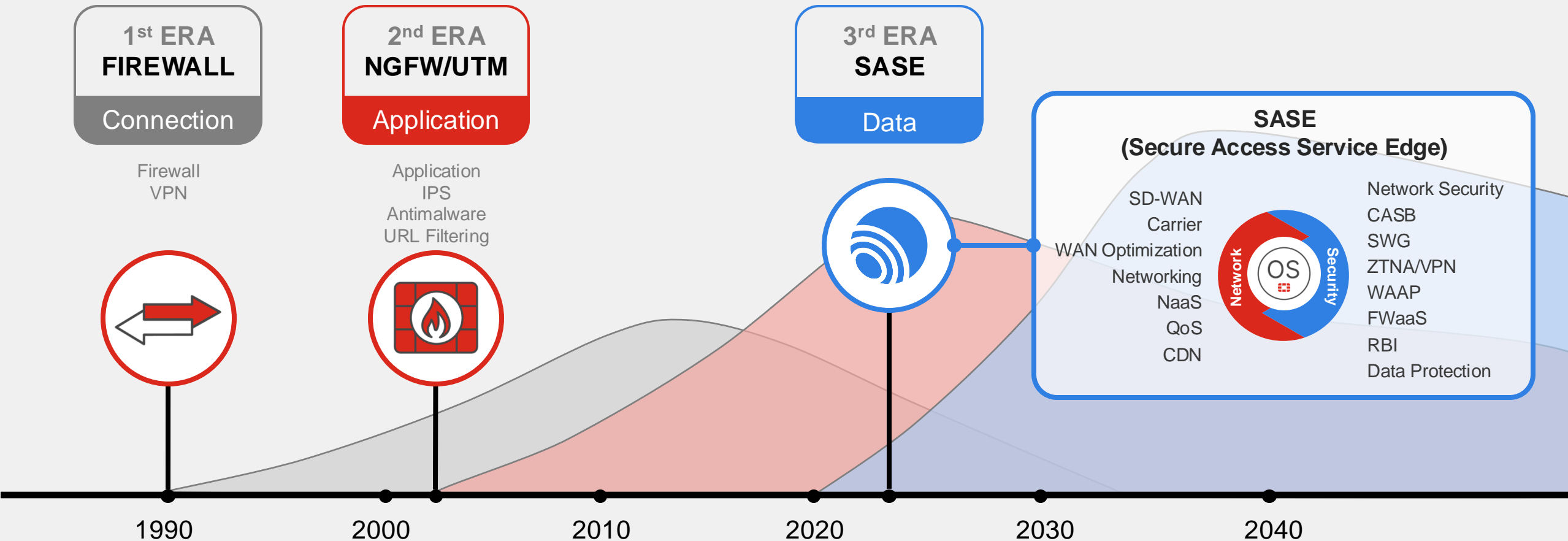
# FortiSASE



Chris Breger, Systems Engineer SLED



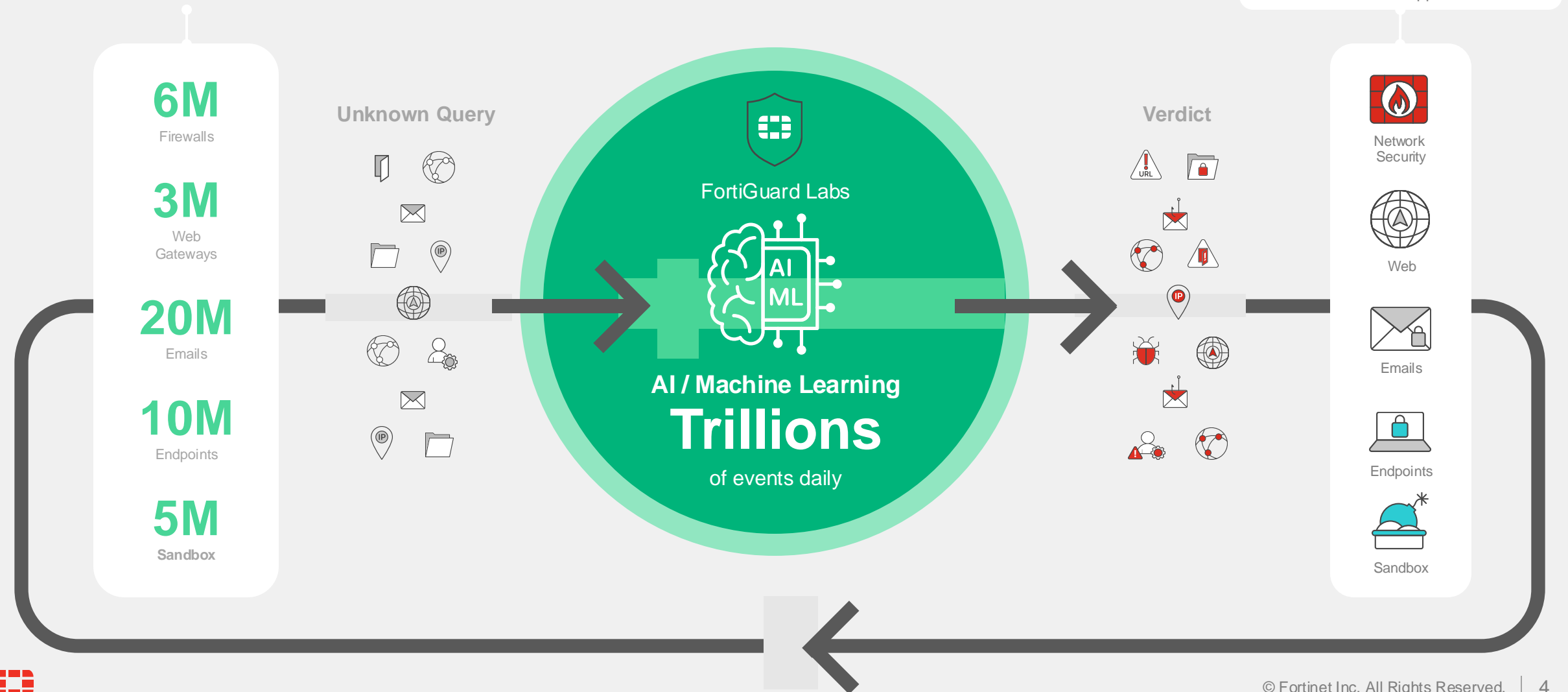
# Evolution to the 3rd Era of Network Security: Secure Data



# World's Most Powerful Networking Security Operating System



# FortiGuard AI-Powered Security at Breadth and Scale



# The only company with the same Operating System across ALL Network Security Markets



December 2022 Magic Quadrant for Network Firewalls

September 2022 Magic Quadrant for SD-WAN

March 2024 Magic Quadrant for Wired & Wireless LAN

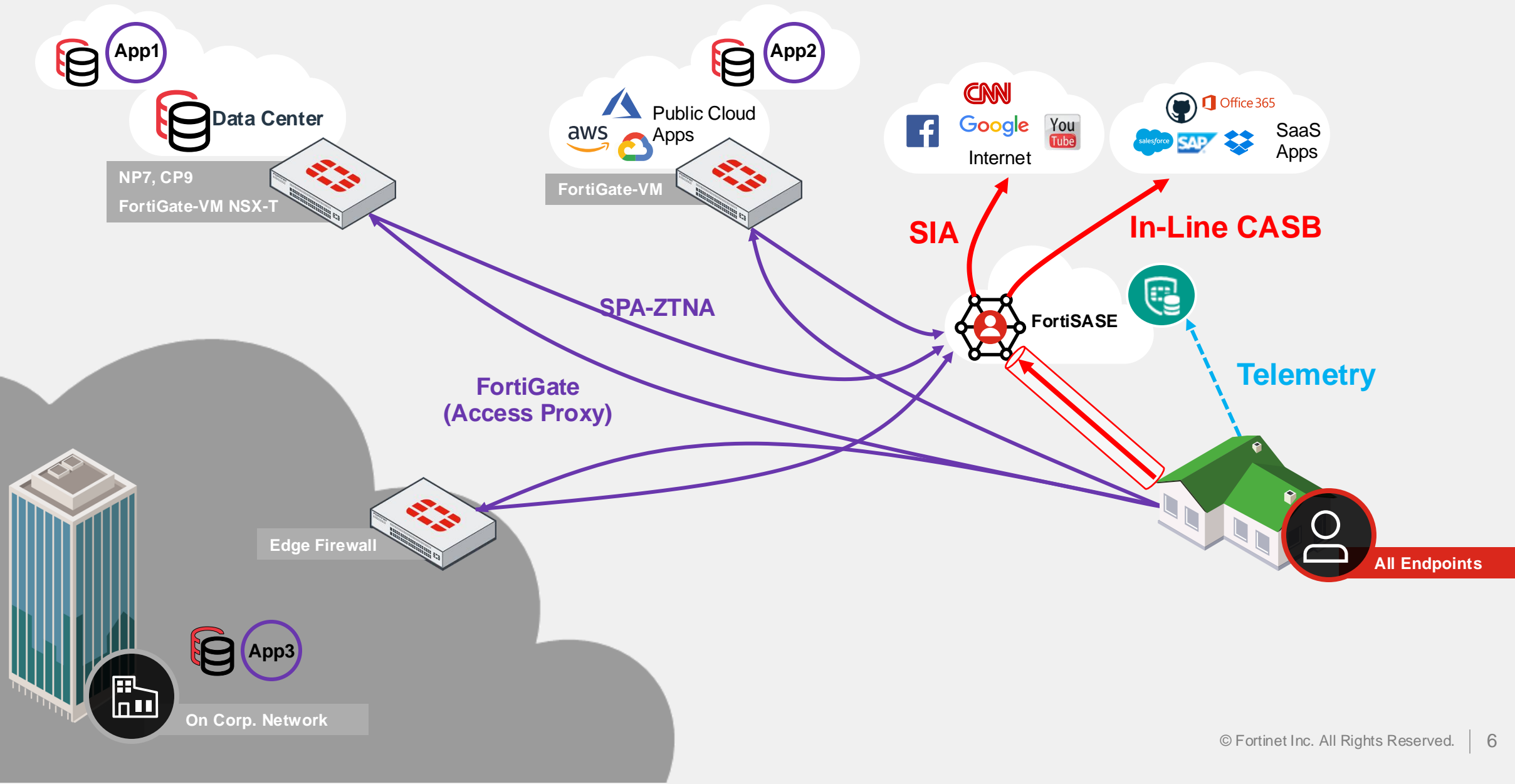
August 2023 Magic Quadrant for Single-Vendor SASE

April 2024 Magic Quadrant for Security Services Edge

FortiOS Operating System

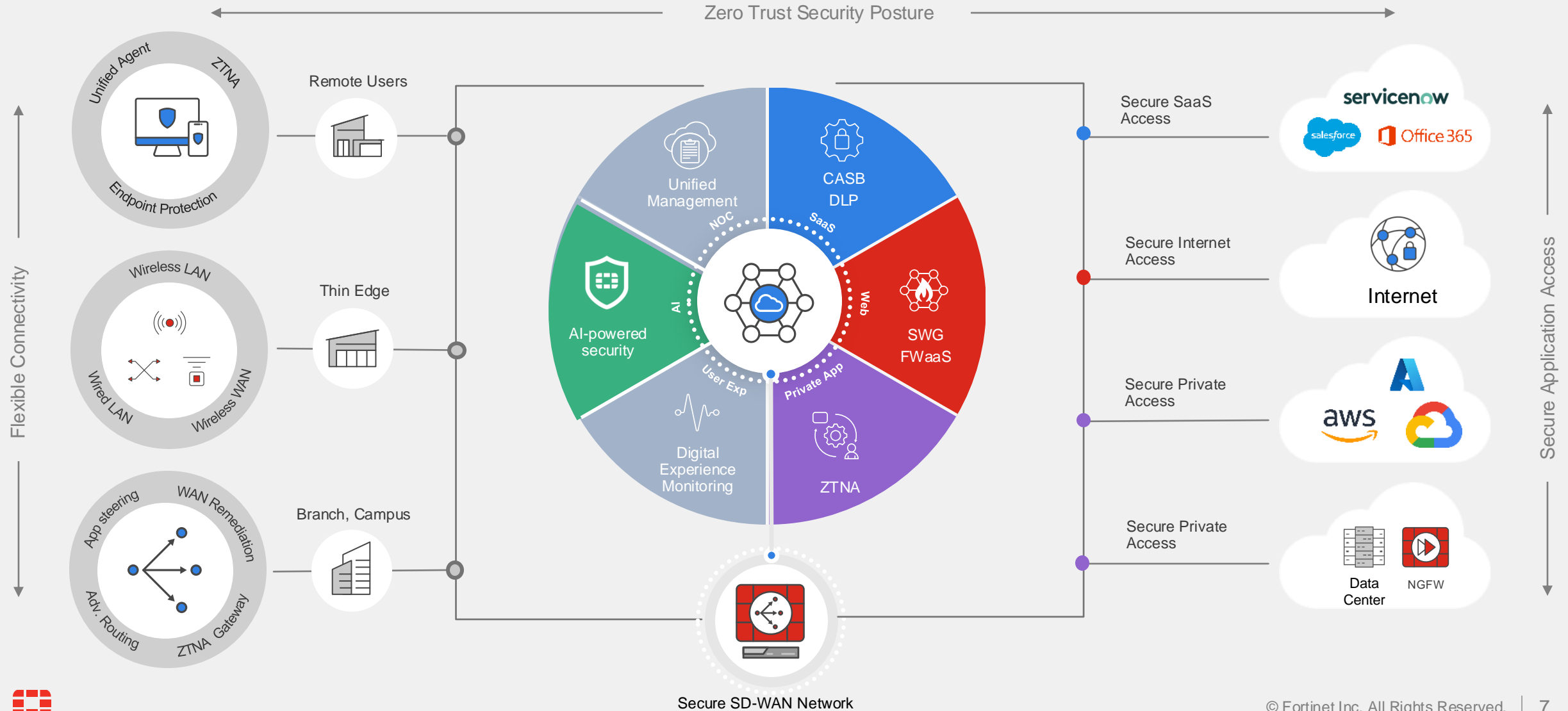


# SIA, CASB, and ZTNA Private Access with FortiSASE



# FortiSASE – Cloud Delivered Security Service Edge

Secure access for the hybrid workforce



# Key Differentiators of FortiSASE



## ONE OPERATING SYSTEM



### FortiOS

SD-WAN, SSE, NGFW, LAN

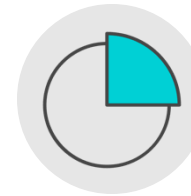
## UNIFIED MANAGEMENT PLANE



### SaaS Management

SSE, DEM, WLAN

## ONE ANALYTICS ENGINE



### Integration with SOC

Data lake for security operations

## UNIFIED ENDPOINT AGENT



### FortiClient

EPP, SASE, ZTNA, CASB, DEM

AI-Driven Security Services with Flexible Consumption with FortiPoints



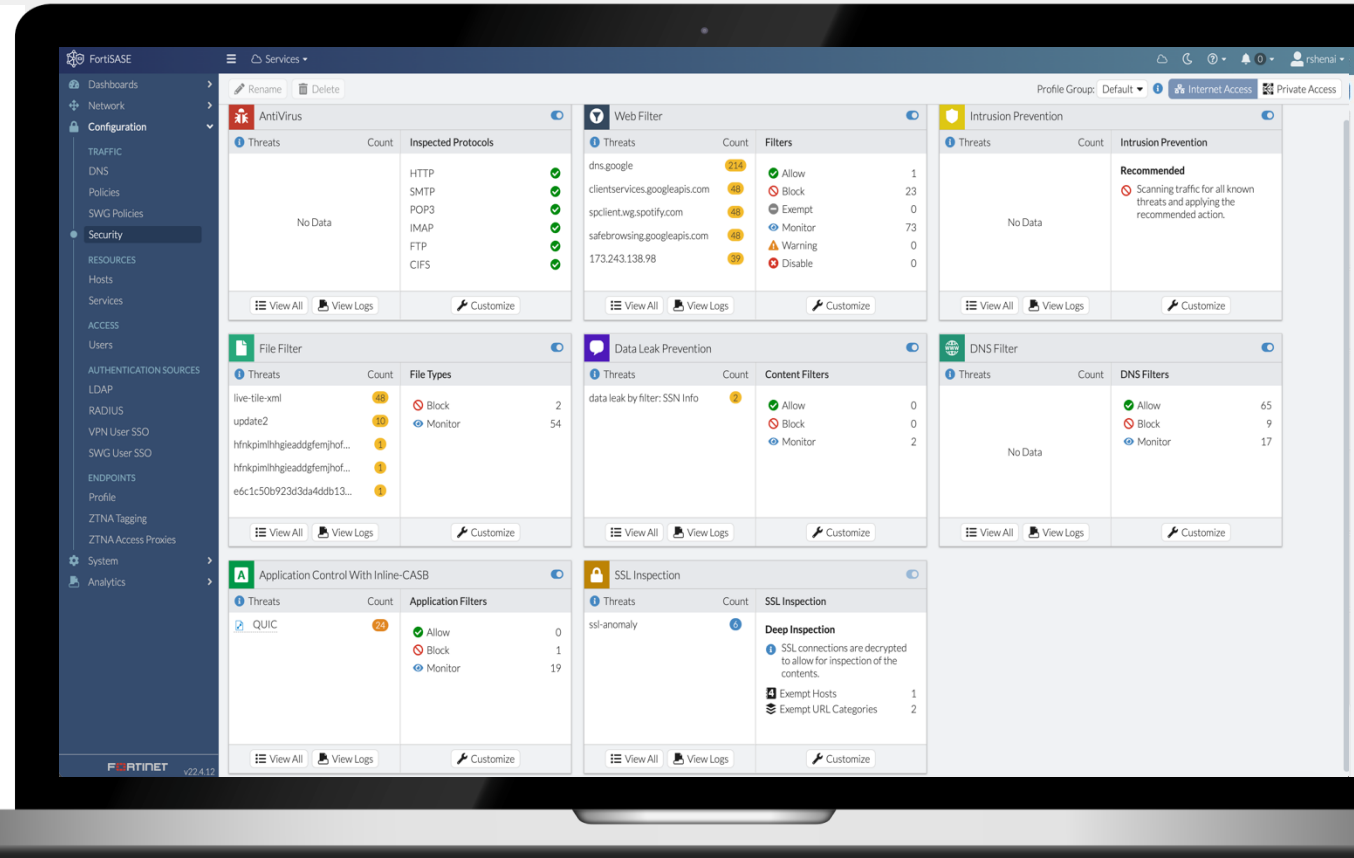
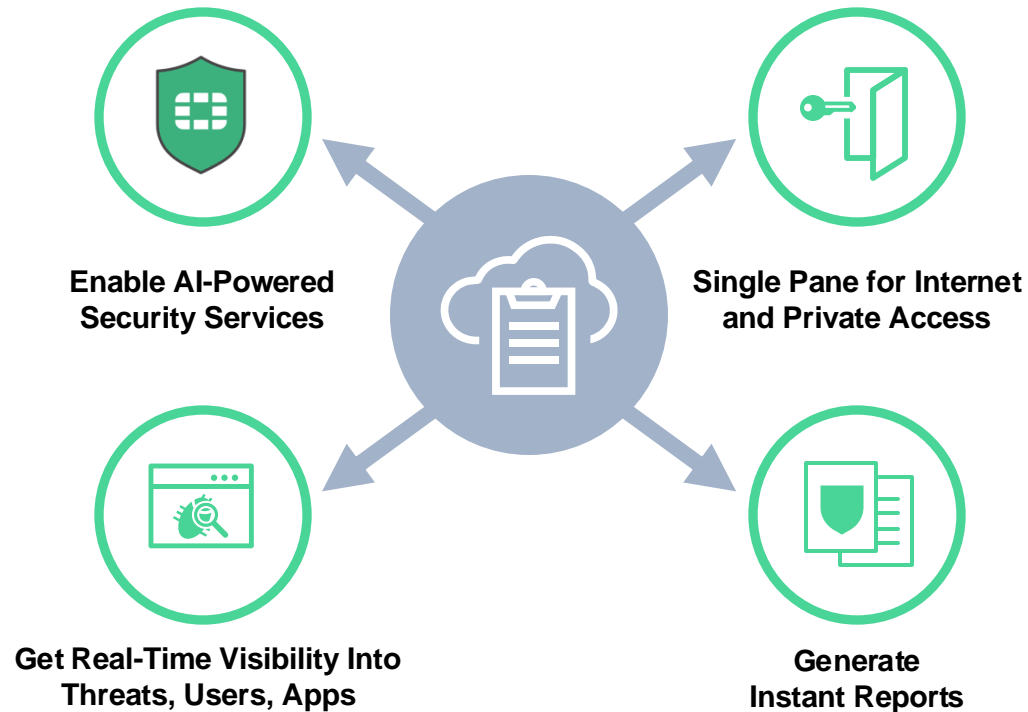
### FortiGuard Labs



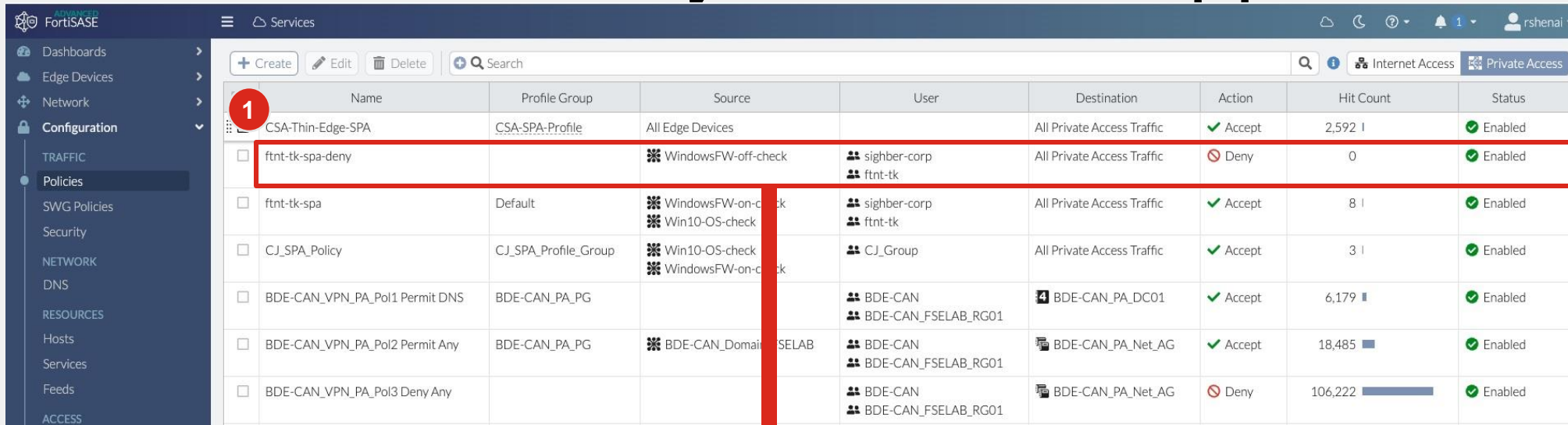


# Intuitive Cloud Management and Visibility

Central management | Better visibility | Simple provisioning | Rich automation

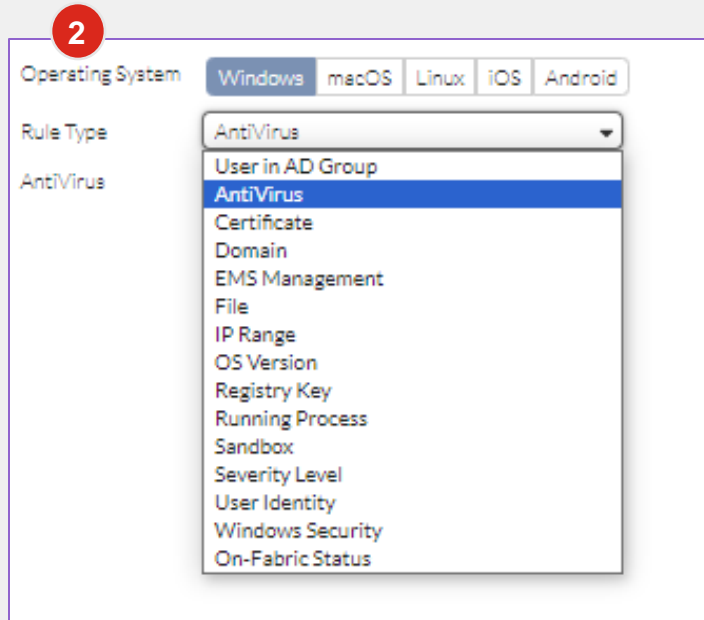


# Zero Trust security for secure application

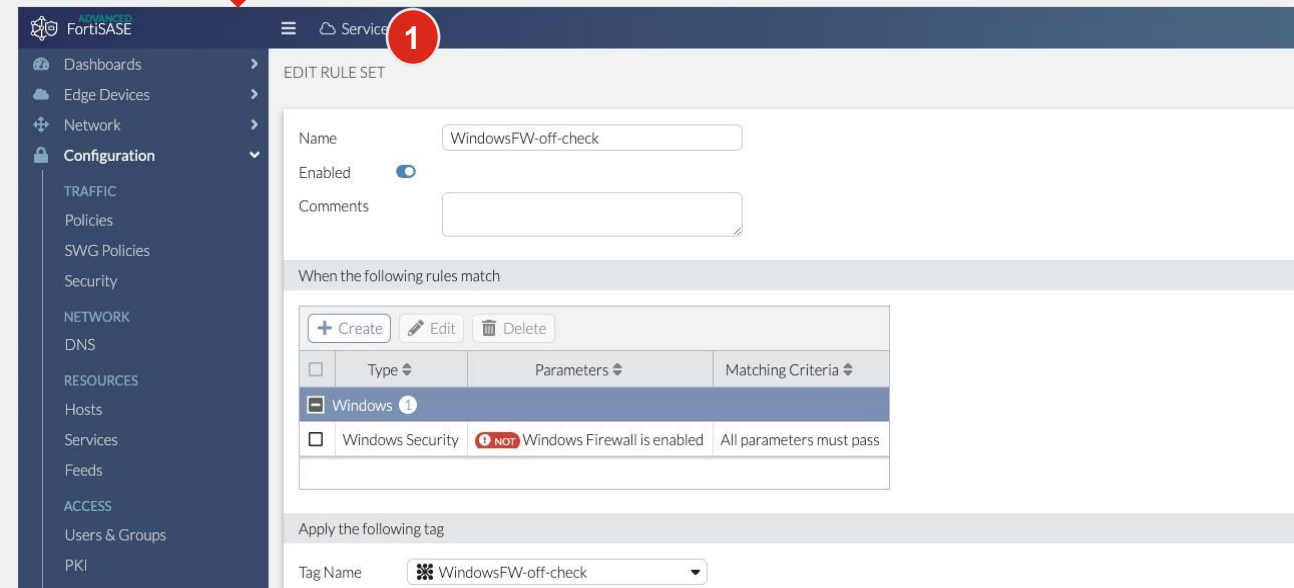


	Name	Profile Group	Source	User	Destination	Action	Hit Count	Status
1	CSA-Thin-Edge-SPA	CSA-SPA-Profile	All Edge Devices		All Private Access Traffic	✓ Accept	2,592	✓ Enabled
<input type="checkbox"/>	ftnt-tk-spa-deny		✖ WindowsFW-off-check	👤 sighber-corp 👤 ftnt-tk	All Private Access Traffic	✗ Deny	0	✓ Enabled
<input type="checkbox"/>	ftnt-tk-spa	Default	✖ WindowsFW-on-check ✖ Win10-OS-check	👤 sighber-corp 👤 ftnt-tk	All Private Access Traffic	✓ Accept	8	✓ Enabled
<input type="checkbox"/>	CJ_SPA_Policy	CJ_SPA_Profile_Group	✖ Win10-OS-check ✖ WindowsFW-on-check	👤 CJ_Group	All Private Access Traffic	✓ Accept	3	✓ Enabled
<input type="checkbox"/>	BDE-CAN_VPN_PA_Pol1 Permit DNS	BDE-CAN_PA_PG		👤 BDE-CAN 👤 BDE-CAN_FSELAB_RG01	🖨 BDE-CAN_PA_DC01	✓ Accept	6,179	✓ Enabled
<input type="checkbox"/>	BDE-CAN_VPN_PA_Pol2 Permit Any	BDE-CAN_PA_PG	✖ BDE-CAN_Domain FSELAB	👤 BDE-CAN 👤 BDE-CAN_FSELAB_RG01	🖨 BDE-CAN_PA_Net_AG	✓ Accept	18,485	✓ Enabled
<input type="checkbox"/>	BDE-CAN_VPN_PA_Pol3 Deny Any			👤 BDE-CAN 👤 BDE-CAN_FSELAB_RG01	🖨 BDE-CAN_PA_Net_AG	✗ Deny	106,222	✓ Enabled

1 SPA policies defined with ZTNA tags



2 ZTNA tag rules supported for multiple OS's



# Comprehensive Data Security

Built-in Data Leakage Protection (DLP)

## Data Protection with FortiSASE



Identification, monitoring and protection of organization's data—**At rest and in motion**



**FortiGuard AI-powered DLP feeds**  
Supports 500+ pre-defined data patterns updated frequently for new patterns



**Predefined sensors and dictionaries**  
Support for granular policies to meet data protection requirements with tailored reporting

<input checked="" type="checkbox"/>	2024/03/13 00:38:26	Jack@40netcloud.onmicrosoft.com	HTTPS	https://chat.openai.com/backend-api/conversation	Blocked	<b>Source</b> Source IP: 10.212.128.2 Source Country/Region: Reserved Source UUID: cefac762-4ece-51ed-12cc-323b33d34a2 Security PoP: Frankfurt - Germany User: Jack@40netcloud.onmicrosoft.com
<input type="checkbox"/>	2024/03/13 00:38:25	Jack@40netcloud.onmicrosoft.com	HTTPS	https://turing-writingassistance.edge.microsoft.c...	Blocked	<b>Destination</b> Destination IP: 104.18.37.228 Destination Port: 443 Destination Country/Region: United States Traffic Type: Internet Access Destination UUID: cefac762-4ece-51ed-7a17-11c592cdf365 Hostname: chat.openai.com URI: https://chat.openai.com/backend-api/co...
<input type="checkbox"/>	2024/03/13 00:38:25	Jack@40netcloud.onmicrosoft.com	HTTPS	https://turing-writingassistance.edge.microsoft.c...	Blocked	<b>Application Control</b> Protocol: 6 Service: HTTPS
<input type="checkbox"/>	2024/03/13 00:38:25	Jack@40netcloud.onmicrosoft.com	HTTPS	https://nleitorosi.office.net/NLEditor/TileCheck...	Blocked	<b>Data</b> File Type: N/A
<input type="checkbox"/>	2024/03/13 00:20:34	Jack@40netcloud.onmicrosoft.com	HTTPS	https://chat.openai.com/backend-api/conversation	Blocked	<b>Action</b>
<input type="checkbox"/>	2024/03/13 00:20:34	Jack@40netcloud.onmicrosoft.com	HTTPS	https://nleitorosi.office.net/NLEditor/TileCheck...	Blocked	
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<input type="checkbox"/>	2024/03/01 10:57:58	john@40netcloud.onmicrosoft.com	HTTPS	https://dlptest.com/https-post/	Log Only	
<input type="checkbox"/>	2024/03/01 10:57:45	john@40netcloud.onmicrosoft.com	HTTPS	https://dlptest.com/https-post/	Blocked	





# Security – FortiGuard Forensics

- Leverage FortiGuard Forensics service to investigate potentially compromised endpoints
- Submit Endpoints for analysis directly from the FortiSASE portal
- FortiGuard Forensics Team will analyze and provide verdict & details report on findings

FortiCloud Services Support kmarwah@fortinet.com

< Forensic Status - Complete (13)

Endpoint	Group	User	IP	Forensic Status	Verdict	Report Date
ashah's PC	PM	ashah	172.27.1.108	Complete	Clean	2021-09-28 10:22:08
yanwu's iMac	Design	yanwu	172.27.3.201	Complete	Compromised	2021-09-28 08:21:02
pm PC	PM	pm	172.27.6.52	Complete	Clean	2021-09-27 18:09:14
sraghu's PC	QA	sraghu	10.21.1.177	Complete	Clean	2021-09-27 15:35:43
tfeng's PC	HR	tfeng	172.17.70.25	Complete	Suspicious	2021-09-27 12:39:17
Carrie's iMac	Design	Carrie	172.27.1.109	Complete	Clean	2021-09-27 10:28:12
Steven's PC	Finance	Steven	172.27.3.205	Complete	Clean	2021-09-27 09:35:26
Jenny's PC	Design	Jenny	172.27.6.50	Complete	Suspicious	2021-09-27 09:26:09
Lily's PC	PM	Lily	10.21.1.172	Complete	Compromised	2021-09-27 08:36:48
Leo's PC	QA	Leo	172.17.70.20	Complete	Compromised	2021-09-27 08:05:26
Jack's PC	HR	Jack	172.27.1.109	Complete	Clean	2021-09-27 08:01:36
Kate's iMac	Design	Kate	172.27.3.202	Complete	Clean	2021-09-26 15:31:56
Charles' PC	Finance	Charles	172.27.6.51	Complete	Suspicious	2021-09-26 13:43:01

« Previous 1 Next »



# SOC as a Service integration with FortiSASE

## Seamless integration



### Say No to False Positives!

**24x7 Human based** Monitoring and analysis with weekly summary reports, alerts and notifications



### Respond: Act Fast

Fortinet security experts notify **within 15 mins** – IOCs, remediation, why and what



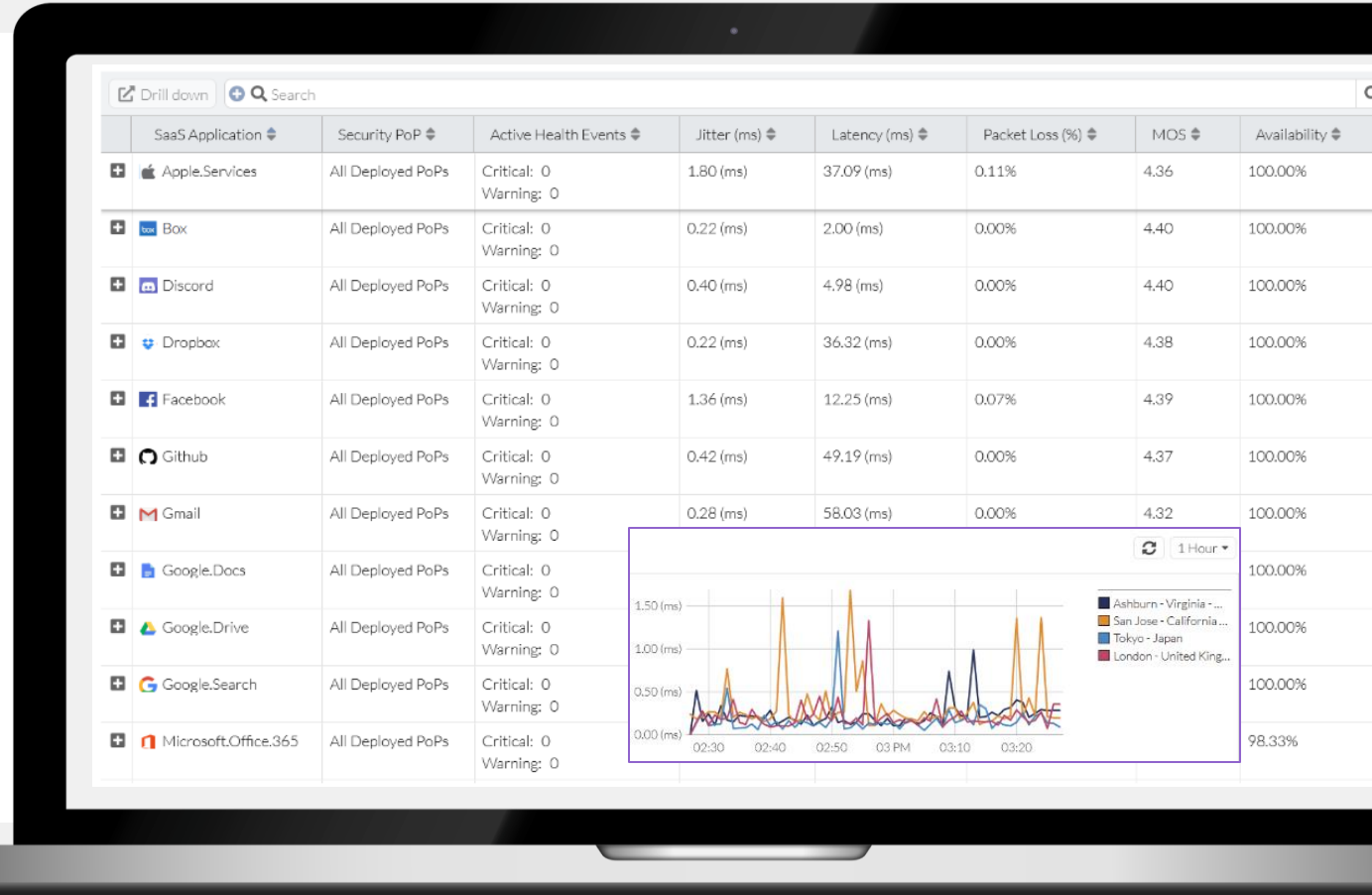
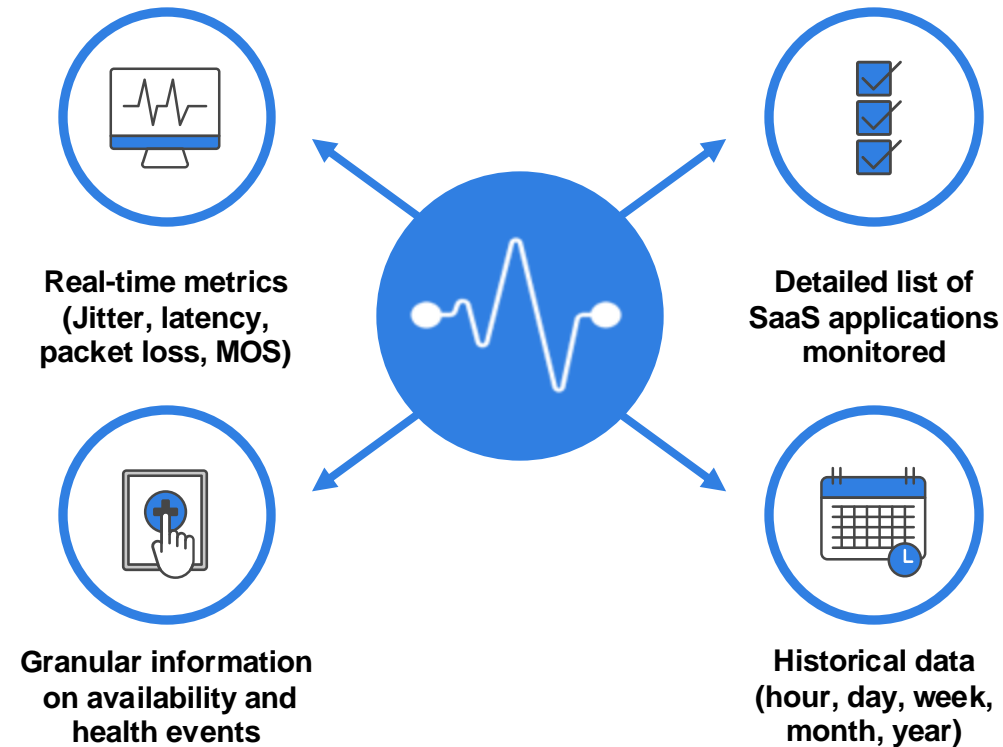
### Improve: Maximize Investment

Cloud-based portal with intuitive dashboards, on-demand reports and quarterly Fortinet expert meetings



# Digital Experience Monitoring

Comprehensive visibility | Metrics and alerts correlation | Proactive response







# Assisted Onboarding

## Define

- Understand your environment and any unique requirements
- Capture relevant configuration for the Deploy phase

## Deploy

- Embedded guides will assist you through the deployment of common scenarios:
- *Enable Authentication*
- *On-board Users & Devices*
- *Link with SD-WAN network*

The screenshot displays the FortiSASE Onboarding interface. On the left, a sidebar lists navigation options: Dashboards, Network, Configuration, System, and Analytics. The main content area is titled 'FortiSASE Onboarding' and features a table with columns: Name, Profile Group, Source, User, Destination, Action, Hit Count, Status, Bytes, Packets, and Service. Below the table, a guided setup process is shown with three numbered steps:

- 1. Onboarding one user group with SSO**
  - Preparation
  - SSO configuration
  - Verify SSO configuration
  - Onboard endpoints
  - Verify endpoint access
- 2. Endpoint profile customization**
  - Preparation
  - Connection options
  - Vulnerability scan schedule
- 3. Initial security posture**
  - Preparation
  - Web filter categories

On the right side of the guided setup, there are three task cards:

- 1. Confirm event log** (marked with a green checkmark)  
Analytics > Logs > Events  
Generally, configuration changes, such as adding an SSO authentication, are logged as system events.
- 2. View user and user group tree imported from IdP**  
Configuration > Access > Users & Groups  
The same user/group directory from your identity provider is available to view via FortiSASE. This will be helpful for assigning user groups and endpoint profile rules.
- 3. Log in with a test account**  
Configuration > Authentication Sources > VPN User SSO  
Click on the Start Test button. Stay on this page throughout the duration of the test and ensure that no pop-ups are disabled.

At the bottom of the guided setup, there are buttons for 'Back', 'Next', and 'Later'.



# Top Take Aways – Unified SASE

- Fortinet Unified SASE is powered by FOS and AI-Powered FortiGuard Security Services
  - Why is this important (Unlike other vendors, our offering is not relying on acquisitions and security is not OEM from someone, but all innovations are organically built over last two decades)
- Fortinet Secure SD-WAN solution enables the most predictable ROI in the industry
  - Why is this important (SD-WAN solution doesn't require any bandwidth-based licensing which allows customers to turn on SD-WAN as a feature along with security to reduce point products)
- Fortinet ZTNA provides near real-time continuous verification for explicit application access
  - Why is this important (Unlike Zscaler which takes 30 minutes for continuous verification, Fortinet ZTNA solution does near real-time verification to enable true zero trust offering for explicit access)
- Fortinet offers industry's most complete Unified Agent FortiClient which consolidate VPN, ZTNA, SASE, CASB, End point protection (EPP) and Digital Experience Monitoring (DEM)
  - Why is this important (Unlike PAN, ZS – most SASE vendors don't provide such consolidation across one agent)
- Fortinet SASE offers flexible connectivity including Software Agent (FortiClient), Agent-less, Hardware Agent (Access Point and Extender), Secure SD-WAN
  - Fortinet is the only vendor to provide such flexibility to help our customers start on SASE journey





**FORTINET®**