

NSE Solution Insider:

Get Your Share of the \$4 Billion Email Security Market with FortiMail

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Agenda

- Latest Developments
- Market Problem and Market Shifts
- Use Cases
- Portfolio, What's Coming, and Pricing Updates
- Selling
- Takeaways





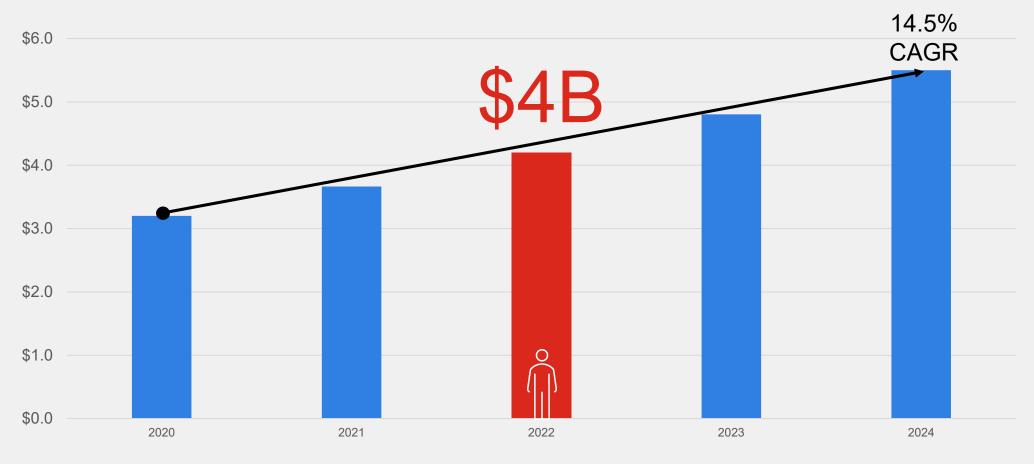


Latest developments



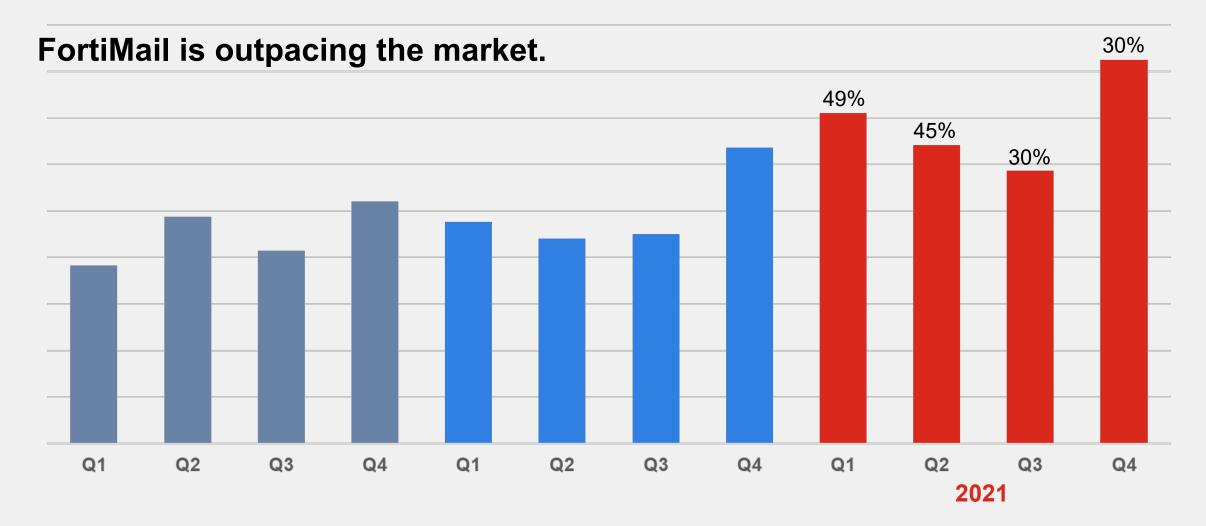
Market Opportunity (Worldwide)

Gartner



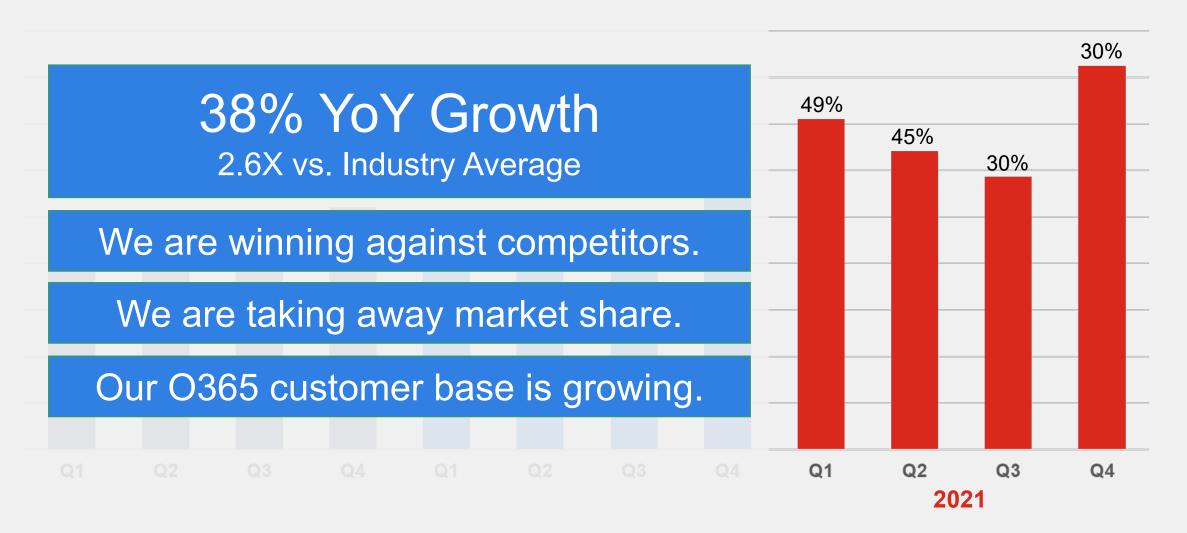


Performance (Billings)



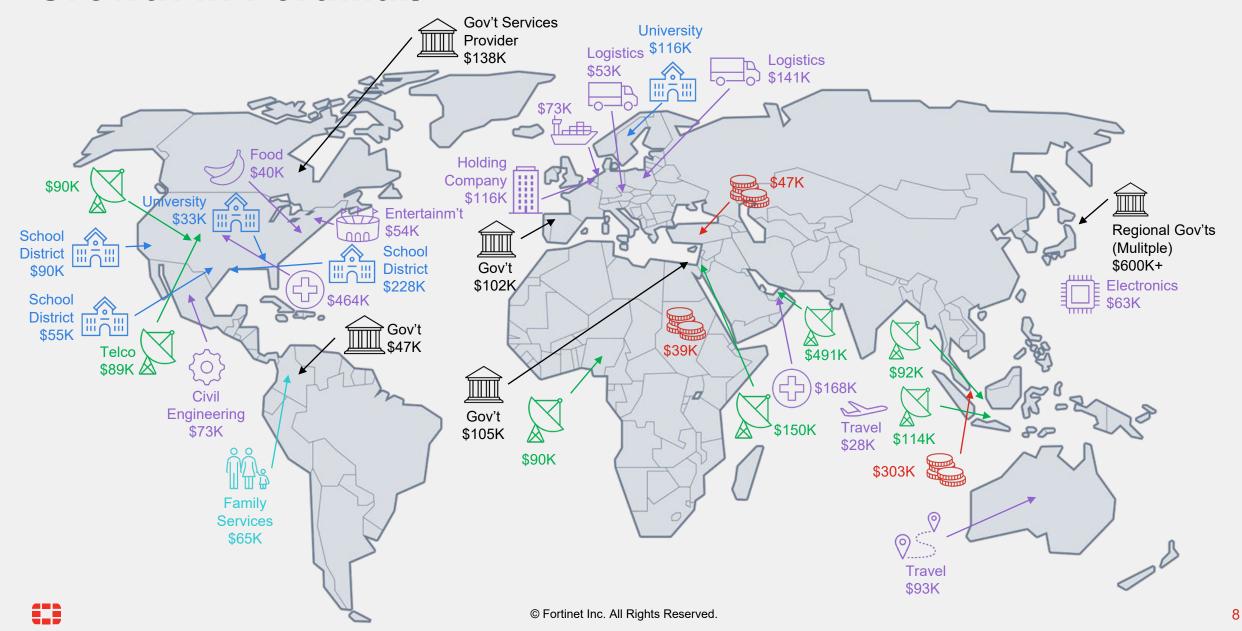


Performance (Billings)





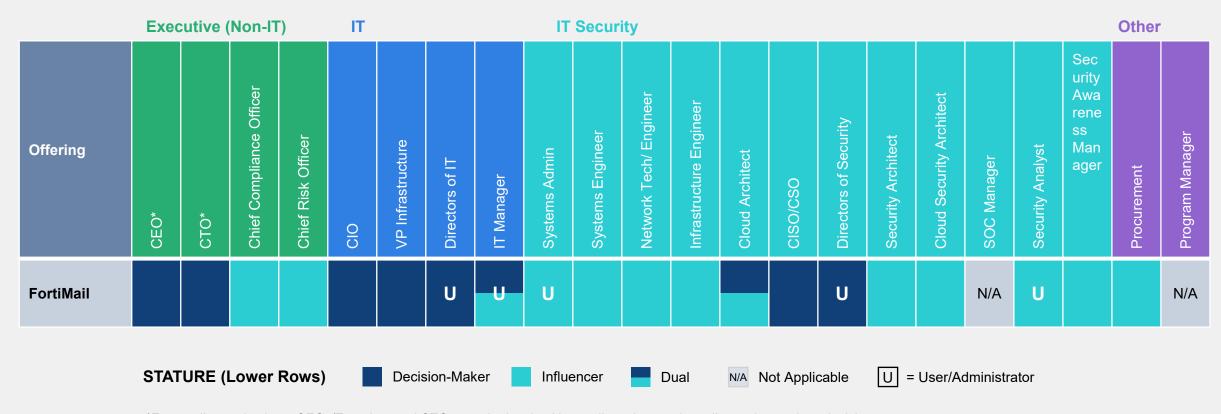
Growth in FortiMail



Market problem and market shifts



Persona mapping



^{*}For small organizations, CEOs/Founders and CTOs may be involved in email services and email security services decisions.



What drives orgs to change their email security?

Drivers/Use Cases That Lead to FortiMail Discussions

Strategy-Oriented

- Email Security Strategy Changes
- Migration to M365 Email
- Migration to Google Email

Threat/Risk-Oriented

- Evolving Threat Landscape
- Breach or Compromise Dictating Need for More Secure Solution
- Compliance requirements for data security and privacy

Operationally-Oriented

- End of contract/license
- Vendor Performance and Reliability

Outcome-oriented

- Stop advanced threats and malware
- Stop phishing, impersonation and BEC
- Itchy trigger fingers
- Secure remote workers
- Secure cloud email
- Scale monitoring

Pressures

Reduced Budgets

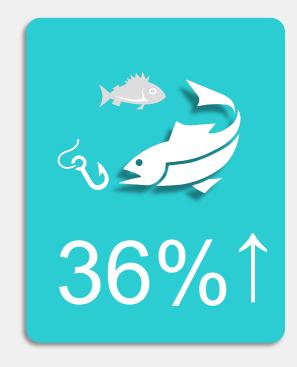
Automation and Efficiency

Vendor Consolidation

Lack of Staff



Email's use as a primary threat vector...



Percent of breaches involving phishing, up from 25% YoY.



Increased use of "Misrepresentation" in Social Engineering-related incidents.

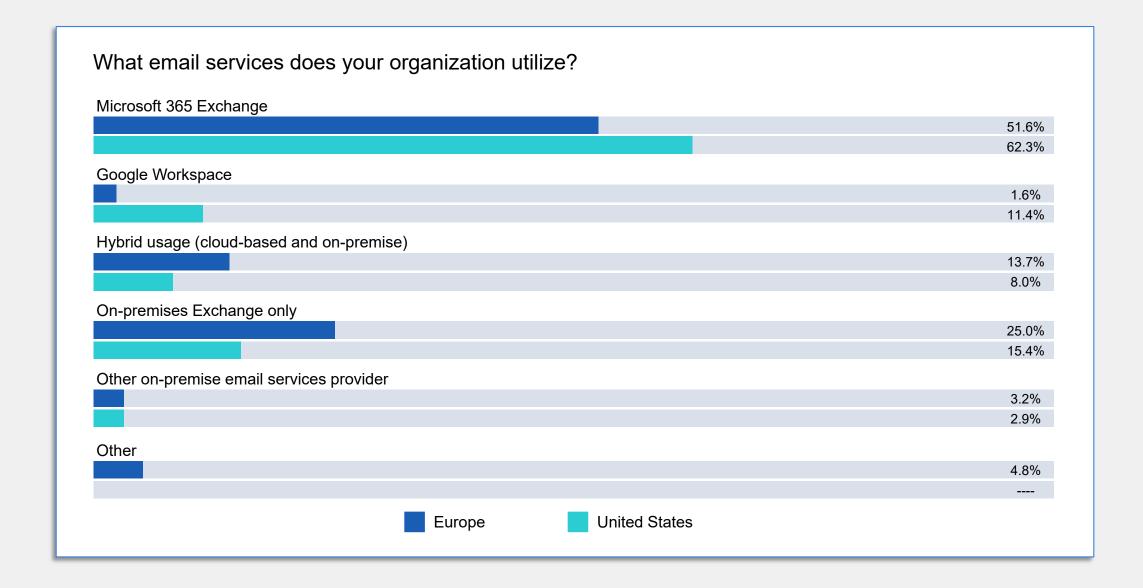


Percent of Business Email Compromise (BEC) attacks that resulted in loss of money.



Percent of breaches involving ransomware, up from ~5% the prior year.*

Email Services Usage







Competitive Landscape



Email Services and Security Provider

Microsoft

Private Equity Players

- proofpoint.
- > mimecast





Google

Network and Security Providers





















AIIIIOI BLOX

RED SIFT

Key Stats

71% of organizations are using cloud-based email services today.

Microsoft Office 365 accounts for ~60% of organizations.

~Half of those rely on native controls.

~Half of those use a combination of native and third party controls.



A [surprisingly] dynamic market landscape

proofpoint.

Bought by Thoma Bravo.

mimecast*

Bought by Permira; Not yet closed.



Bought by Thoma Bravo and separately, by STG, Permira.





Bought by STG.

Forcepoint

Internal turmoil and reorganization.



Legal woes – Loss of serious IP lawsuit vs. Proofpoint.

GROUP IB

State disruption and turmoil.

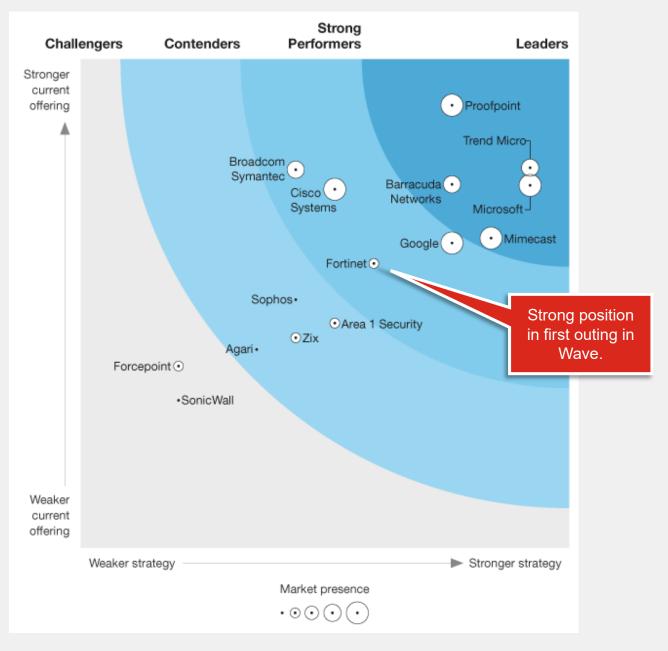


Forrester Wave 2021

Fortinet positioned as a Strong Performer in our first outing.

Broadcom/Symantec, Cisco, Sophos and Forcepoint lost significant ground.

In our opinion, Forrester overlooked performance concerns for M365.

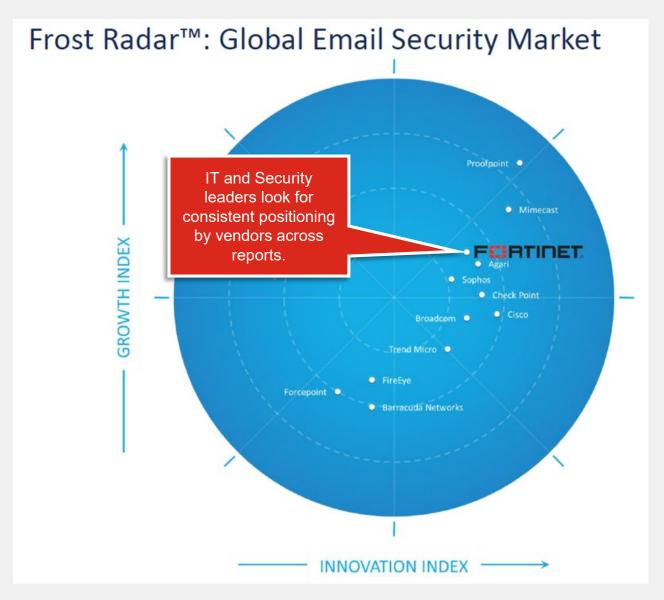




Frost & Sullivan

Fortinet presents more strongly than major second tier providers like Broadcom/Symantec, Cisco, FireEye.

Report conveys the growing proposition of our offering and lack of stumbles that competitors have experienced.





Gartner Market Guide

- Fortinet is represented in the Gartner Market Guide for Email Security
- Gartner no longer publishes a Magic Quadrant

Gartner.

Market Guide for Email Security

Published 7 October 2021 - ID G00735200 - 19 min read

By Analyst(s): Mark Harris, Peter Firstbrook, Ravisha Chugh, Mario de Boer

Initiatives: Infrastructure Security

Continued increases in the volume and success of phishing attacks and migration to cloud email require a reevaluation of email security controls and processes. Security and risk management leaders must ensure that their existing solution remains appropriate for the changing landscape.

Overview

Key Findings

- The adoption of cloud email systems continues to grow, forcing security and risk management leaders to evaluate the native capabilities offered by these providers.
- Solutions that integrate directly into cloud email via an API, rather than as a gateway, ease evaluation and deployment and improve detection accuracy, while still taking advantage of the integration of the bulk of phishing protection with the core platform.
- Vendor consolidation and integration with other security tools enable improved detection and response capabilities (aka extended detection and response [EDR]).
- Ransomware, impersonation and account takeover attacks are increasing and causing direct financial loss, as users place too much trust in the identities associated with email inherently vulnerable to deception and social engineering. The evolution in threats has led to increased demand for other techniques and services, such as domain-based message authentication, reporting and conformance (DMARC), cloud access security broker (CASB)/API integrations, continuous awareness and mail-focused security orchestration, automation and response (MSOAR).

Recommendations

Security and risk management leaders responsible for email security should:

Gartner, Inc. | G00735200

Page 1 of 16



Use cases



Introducing FortiMail



Fortinet FortiMail provides advanced protection against the full spectrum of email-borne threats.

Comprehensive Email Security

Advanced threat protection and data loss prevention

Top-Rated Efficacy

Consistently top rated to stop spam, malware, ransomware and advanced email threats

Part of the Fortinet Security Fabric Integrated to uncover the full attack life cycle



Email Security Use Cases

APPLICATION SECURITY



1. Secure Inbound Emails

Stop spam, viruses/malware, ransomware, phishing, targeted attacks, business email compromise.

Mitigate #1 Threat Vector

2. Prevent Outbound Threats

Protect PII, PHI, and other sensitive data from exfiltration or accidental disclosure. Address compliance requirements.

Optimal Email Security Effectiveness

3. Enhance Cloud-based Controls

Bolster email security by addressing known gaps in the efficacy of cloud-based email services' native controls.

Optimal Email Security Effectiveness

4. Mitigate Email Outages

Minimize the impact to productivity and related cost when email services experience an outage.

Risk Mitigation and Cost Avoidance

5. Email Usage Insights

Quickly gain insights to understand security posture, drill-in via detailed logs.

Proactively Manage Email Use and Abuse



How We Are Different—Fabric-Enabled



Comprehensive Protection

Advanced integrated capabilities to protect against spam, malware, ransomware, impersonation, and Business Email Compromise attacks.



Validated Performance

Top-rated in independent testing to stop spam, malware, ransomware, and advanced email threats.



Security Fabric Integration

Integrated into the Fortinet Security
Fabric to uncover the full attack
lifecycle and share IoCs across your
security infrastructure.



Industry-Leading Cost to Performance

Proven email threat protection at an industry-leading cost to performance.



Powered by FortiGuard Labs

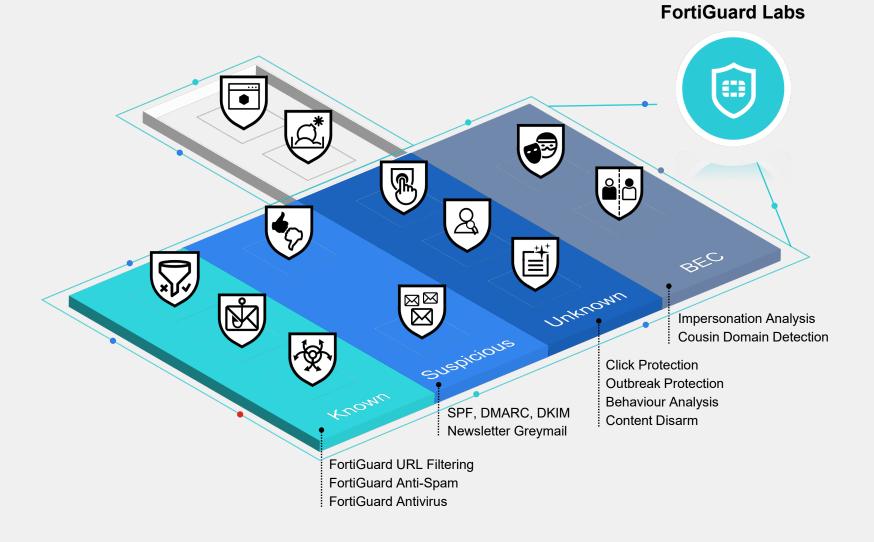
World-class threat intelligence powers world-class efficacy.



FortiMail Secure Email Gateway

Advanced multi-layer security against:

- Known threats
- Suspected threats
- Unknown threats/Zero-days
- Impersonation attempts
- Business Email Compromise





Fortinet Security Fabric

Broad

visibility and protection of the entire digital attack surface to better manage risk

Integrated

solution that reduces management complexity and shares threat intelligence

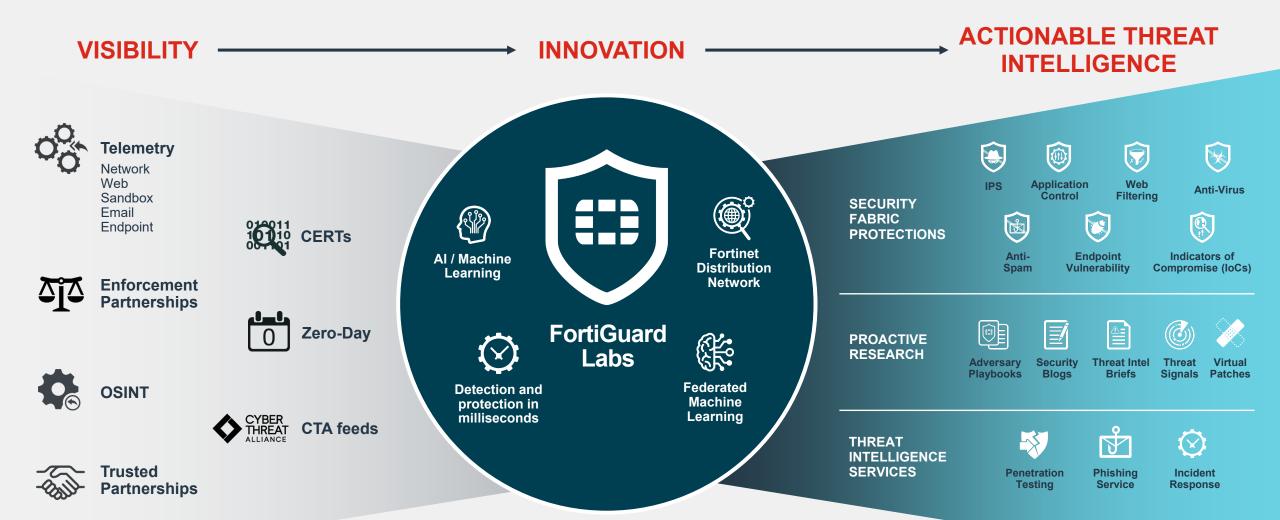
Automated

self-healing networks with Al-driven security for fast and efficient operations





FortiGuard Labs



High marks in performance across 3rd party testers



99.8%

Detection of malicious email threats.

Available January 2022!



94%

Overall Detection Rate

New report expected in late Q2.

90%

Total Accuracy Rate



99.9%

Spam Catch Rate

99.12%

Malware Catch Rate

95.49%

Phishing Catch Rate



100%

Detection Rate



Options for any organization size and deployment

FortiMail

We want full control.

FortiMail solutions for organizations that prefer full control and management over their email security.

Appliances

- 6 models
- Filter 30K to 2.0M messages per hour*
- Support for 10GE

Virtual Machines

- 6 VM models
- CPU and domain-based
- Perpetual licensing or On-Demand













FortiMail Cloud

Manage it for us.

FortiMail Cloud solutions for organizations that want email security-as-a-service.

SaaS/API*

- Fully-managed by Fortinet
- Gateway or Server mode
- Standard or Premium
- Per user per year



Operation modes

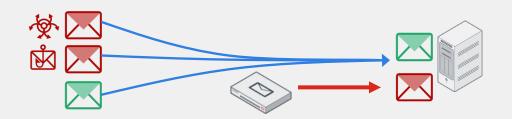
Gateway Mode (Cloud and Appliance)

Mail is delivered to FortiMail via MX, sanitized and forwarded to destination mail server.



Microsoft O365 API Clawback (Cloud and Appliance)

FortiMail operates out-of-line, scans and claws back threats directly from Microsoft 365 using the Graph API. Can also be used in Gateway mode.



Server Mode (Cloud and Appliance)

FortiMail is deployed as a full mail server providing POP3, IMAP, Webmail and calendaring in addition to security functions.



Transparent Mode (Appliance)

Physically located in the SMTP path. No configuration changes required to the email infrastructure. Commonly utilised in the ISP and Carrier environment.





FortiMail

We want full control.

		Enterprise Advanced	Ent. ATP with Microsoft 365 API	
Feature	Base Bundle	Threat Protection Bundle	Support Bundle	
99.7% Spam detection rate		•	•	
Advanced multi-layer malware detection	•	•	•	
Inbound and outbound filtering	•	•	•	
Integration with customer LDAP	•	•	•	
Secure message delivery (TLS and DANE)	•	•	•	
Message tracking	•	•	•	
Virus Outbreak Service	•	•	•	
Identity-Based Encryption (IBE)	•	•	•	
Reporting	•	•	•	
Email Data Loss Prevention	•	•	•	
Content Disarm and Reconstruction		•	•	
URL Click Protection		•	•	
Impersonation Analysis		•	•	
Cloud Sandboxing		•	•	
Real-time scanning of Microsoft 365 mailboxes			•	
Scheduled scanning of Microsoft 365 mailboxes			•	
Post-delivery clawback of newly discovered email threats			•	



FortiMail Cloud

Manage it for us.

Managed Service (infrastructure) 99.999% Service availability 99.7% Spam detection rate Advanced multi-layer malware detection	Cloud Gateway	Cloud Gateway Premium	Microsoft 365 API Support	
99.7% Spam detection rate Advanced multi-layer malware detection	•	•		
Advanced multi-layer malware detection	•		•	
•	_	•	•	
	•	•	•	
Inbound and outbound filtering	•	•	•	
Integration with customer LDAP	•	•	•	
Secure message delivery (TLS and DANE)	•	•	•	
Message tracking	•	•	•	
Virus Outbreak Service	•	•	•	
Reporting	•	•	•	
Content Disarm and Reconstruction		•	•	
URL Click Protection		•	•	
Impersonation Analysis		•	•	
Cloud Sandboxing		•	•	
Identity-Based Encryption (IBE)		•	•	
Email Data Loss Prevention		•	•	
Real-time scanning of Microsoft 365 mailboxes			•	
Scheduled scanning of Microsoft 365 mailboxes			•	
Post-delivery clawback of newly discovered email threats			•	



Email continuity

Productivity Cost = E x % x C x H

An outage of Microsoft 365 Exchange services affects three different organizations:

		SMALL COMPANY	MID-SIZED	ENTERPRISE
E	= # of Employees	250	2,500	10,000
%	= 25% of their working productivity	25%	25%	25%
С	= \$75,000/2,080 hours = \$36 per hour	\$36	\$36	\$36
Н	= 3 Hours	3	3	3
	Productivity Cost (One Outage)	-\$6,750	-\$67,500	-\$270,000
	Email Continuity Cost (List Price)	\$1,750	\$17,500	\$70,000

Email continuity is a fraction of the cost associated with an outage of email services.

Email continuity pays for itself within the first outage.

Clear value for organizations using Microsoft 365.

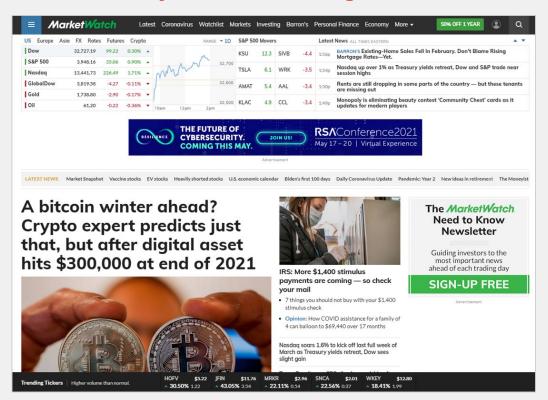


Fortilsolator - Safe Content Rendering

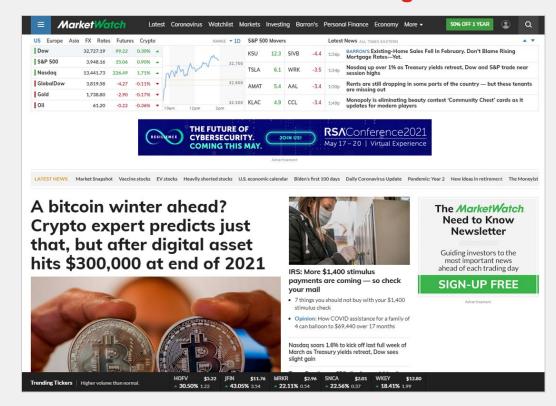


Allows users to browse the web in an isolated environment, which renders safe content in a remote container.

Directly accessed using Chrome



Accessed via Fortilsolator using Chrome





Dynamic Image Analysis Service



Protects the network against sexually explicit images

- Identifies suspect image attachments in emails
- Educates users about the company policy when questionable content is detected
- Monitors and logs/archives emails to provide visibility of misuse
- Enforces company policy by taking appropriate action on emails containing explicit content
- Ensures adherence to Policy and effective compliance



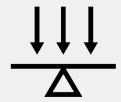


Portfolio, what's coming, and pricing updates



Analyst perspectives

Email Security Recommendations



Layer capabilities: inbound, outbound, internal detection and remediation.



Verify incumbent products first. Address gaps in the advanced threat defense capabilities of an incumbent SEG by supplementing if unable to replace

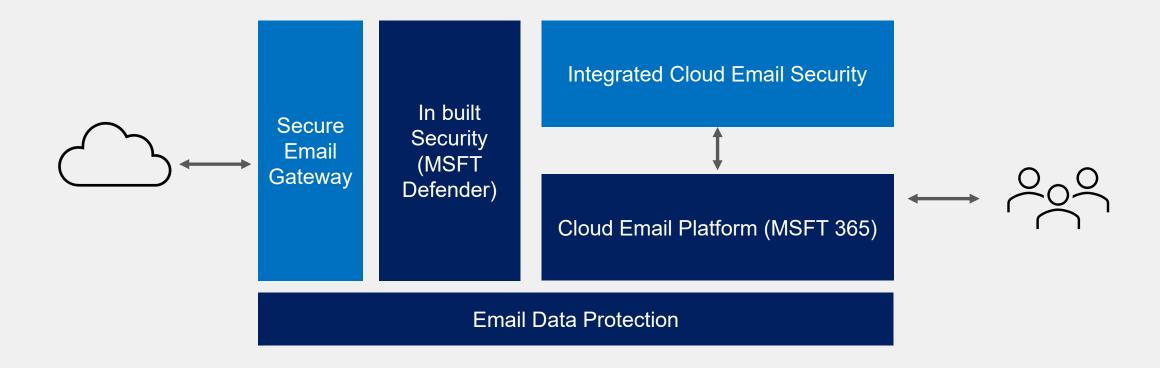


Invest in user education to help prevent commonly targeted impersonation attacks.



Analyst views 2021 - Gartner

- FortiMail Mentioned in Market Guide for 2021
- New submarket (ICES) small but growing quickly
- Innovation is fast Shift to Cloud continues





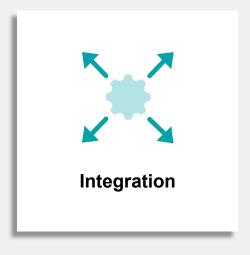
Strategic Directions



From prospect to renewal



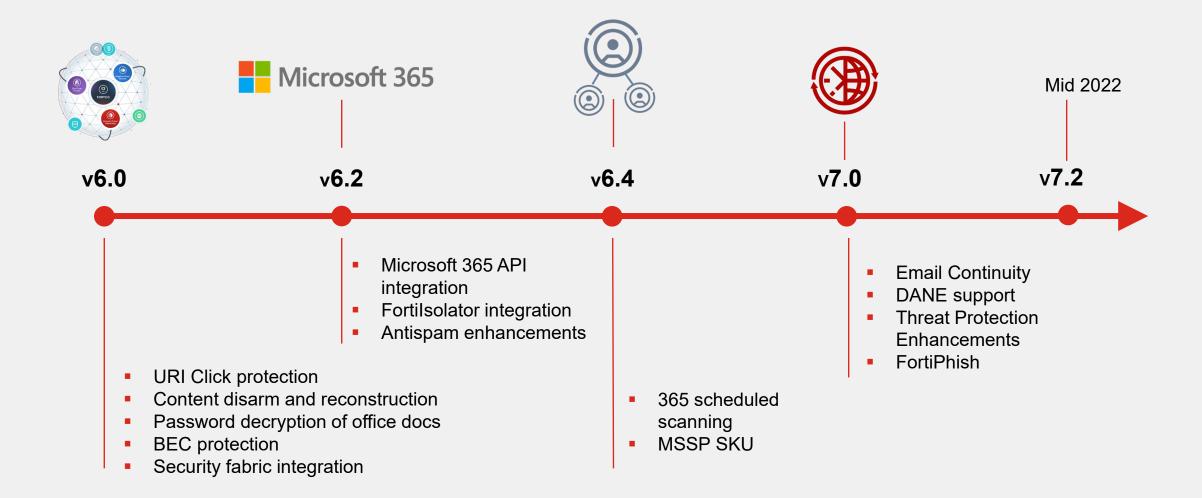
Stay ahead of the threat landscape



Driving value through connections



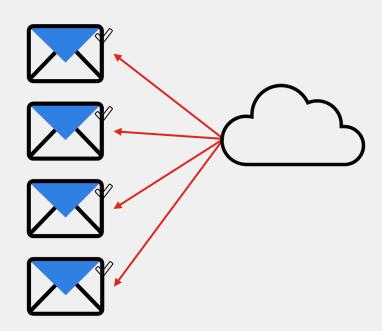
Continued investment and innovation in FortiMail





FortiMail Cloud: 2022<

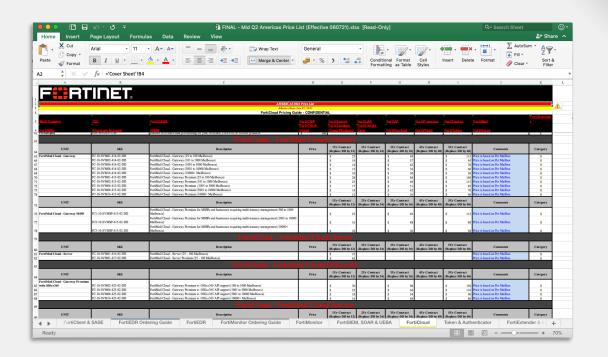
- Simplify sign up
- Streamline provisioning and deployment
- Provide 'latest and greatest' for early customer adoption and better retention
- Increase regional footprint
- More redundancy for improved uptime SLA
- Improve service management with new infrastructure





Cloud

- Cloud services should be elastic in nature, scaling with the customer but abstracted away from the infrastructure administration.
- Not tied to a particular VM CPU size.
- Eg: **FC-2-FECLD-415-02-DD**
- Released Q3





New US datacenter



FortiMail Cloud

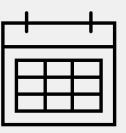
Manage it for us.

June '21 ----- Infrastructure

July/Sept ----- Platform

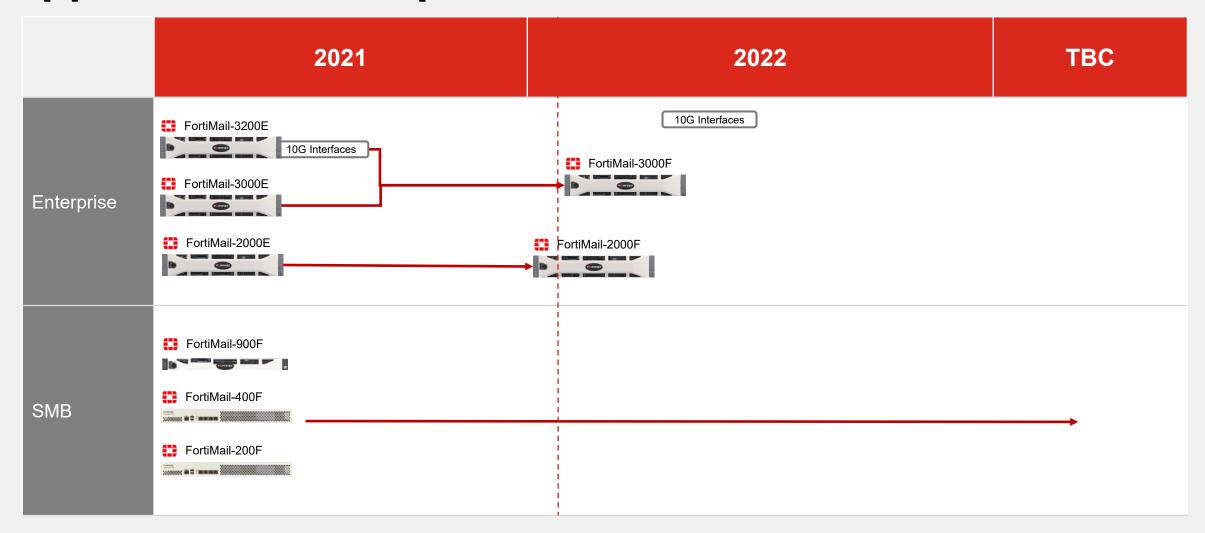
Oct '21 ----- CTAP and POCs

Jan/Feb '22 ---- Wider availability





Appliance Roadmap





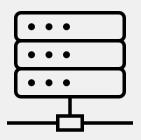
New F Series Appliances

	FortiMail 2000F	FortiMail 3000F
Specifications:		
Data loss prevention	yes	yes
Email routing per hour	1.6m	3.5m
Fortiguard Antispam	1.1m	2.6m
Server mode mailboxes	2000	3000
10/100/1000 Interfaces (Copper, RJ45)	4	4
SFP Gigabit Ethernet Interface	2	2
SFP+ 10 Gigabit Ethernet Interface	-	2
Redundant Hot Swap Power Supplies	Yes	Yes
Storage	2x 2TB SAS (6 x 2 TB Optional)	2x 2TB (10 x 2 TB Optional)
Power Supply	Dual	Dual



Pricing changes

Appliances



1 8 to 11%

Virtual Machines



1 7%

FortiMail Cloud



1 9% to 14%

GTW/GTW Premium



Expect pricing changes to hit with release of the Q1 price list.



Pricing changes

Appliances

PRODUCT	CURRENT PRICE	NEW PRICE	INCREASE
FML-200F	\$4,279	\$4,749	11%
FML-400F	\$8,559	\$9,499	11%
FML-900F	\$19,259	\$21,149	9.6%
FML-2000E	\$28,890	\$31,249	8.2%
FML-2000F	\$29,999	\$32,449	8.2%
FML-3000E	\$41,730	\$45,098	8.1%
FML-3000F	\$44,999	\$48,649	8.1%
FML-3200E	\$48,145	_	<u>-</u>

Virtual Machines

PRODUCT	CURRENT PRICE	NEW PRICE	INCREASE
VM01	\$3,599	\$3,849	7%
VM02	\$6,999	\$7,498	7%
VM04	\$16,999	\$18,198	7%
VM08	\$24,999	\$26,748	7%
VM16	\$32,995	\$35,298	7%
VM32	\$49,995	\$53,498	7%

FortiMail Cloud

FORTIMAIL CLOUD	SKU	Description	CURRENT	PROPOSED	\$ Change	% Change
FortiMail Cloud – Gateway	FC1-10-FECLD-414-02-DD	25 to 100 mailboxes	\$23.00	\$25.00	\$2.00	8.7%
FortiMail Cloud – Gateway	FC2-10-FECLD-414-02-DD	101 to 1000 mailboxes	\$19.00	\$21.00	\$2.00	10.5%
FortiMail Cloud – Gateway	FC3-10-FECLD-414-02-DD	1001 to 5000 mailboxes	\$14.00	\$16.00	\$2.00	14.3%
FortiMail Cloud – Gateway	FC4-10-FECLD-414-02-DD	5001-10000 mailboxes	\$12.00	\$13.00	\$1.00	8.3%
FortiMail Cloud – Gateway	FC5-10-FECLD-414-02-DD	10000+ mailboxes	\$10.00	\$11.00	\$1.00	10.0%
FortiMail Cloud – Gateway Premium	FC1-10-FECLD-415-02-DD	25-100 mailboxes	\$28.00	\$30.00	\$2.00	7.1%
FortiMail Cloud – Gateway Premium	FC2-10-FECLD-415-02-DD	101-1000 mailboxes	\$23.00	\$25.00	\$2.00	8.7%
FortiMail Cloud – Gateway Premium	FC3-10-FECLD-415-02-DD	1001-5000 mailboxes	\$17.00	\$19.00	\$2.00	11.8%
FortiMail Cloud – Gateway Premium	FC4-10-FECLD-415-02-DD	5000-10000 mailboxes	\$14.00	\$15.00	\$1.00	7.1%
FortiMail Cloud – Gateway Premium	FC5-10-FECLD-415-02-DD	10000+ mailboxes	\$12.00	\$13.00	\$1.00	8.3%
FortiMail Cloud – Gateway Premium with Office365	FC1-10-FECLD-423-02-DD	25-100 mailboxes	\$38.00	\$36.00	-\$2.00	-5.3%
FortiMail Cloud – Gateway Premium with Office365	FC2-10-FECLD-423-02-DD	101-1000 mailboxes	\$30.00	\$29.00	-\$1.00	-3.3%
FortiMail Cloud – Gateway Premium with Office365	FC3-10-FECLD-423-02-DD	1001-5000 mailboxes	\$22.00	\$23.00	\$1.00	4.5%
FortiMail Cloud – Gateway Premium with Office365	FC4-10-FECLD-423-02-DD	5001-10000 mailboxes	\$18.00	\$18.00	\$0.00	0.0%
FortiMail Cloud – Gateway Premium with Office365	FC5-10-FECLD-423-02-DD	10000+ mailboxes	\$16.00	\$16.00	\$0.00	0.0%
FortiMail Cloud - Server	FC1-10-FECLD-416-02-DD	25-100 mailboxes	\$33.00	\$35.00	\$2.00	6.1%
FortiMail Cloud - Server	FC1-10-FECLD-417-02-DD	25-100 mailboxes	\$45.00	\$45.00	\$0.00	0.0%
FortiMail Cloud Content Analysis Service	FC-10-FMLC0-160-02-DD	Per Mailbox	\$1.90	\$2.00	\$0.10	5.3%
FortiMail Cloud Email Continuity Service	FC-10-FMLC0-309-02-DD	Per Mailbox	\$7.00	\$7.00	\$0.00	0.0%

Selling



Listen for the Cues

Types of Threats

- "I'm concerned about phishing / impersonation / business email compromise of my employees."
- "We had a breach recently where an employee clicked on an attachment they shouldn't have."
- "Our employees are always clicking on something that got through."
- "We don't think our current solution is doing a good job of spotting detecting threats and/or spam."
- "We just use the native security tools."
- "We're using Symantec for email security."



Probing Questions—Microsoft 365



Starting a Conversation

- How are you addressing security and spam detection given gaps Microsoft 365 has been reported to have?
- Did you know that Microsoft Defender fared poorly in anti-malware and spam testing by SE Labs?

Probing

- Are your employees good about not clicking on suspicious files or malicious attachments in emails?
- Have your employees been complaining about suspicious emails or spam getting through?
- Are you seeing more threats and spam get through than before you signed up for Microsoft 365?

Getting to the Next Stage

- Can I send you the SE Labs report showing Microsoft's native security capabilities and how they performed?
- Can I interest you in a free Email Risk Assessment? It will give you a clear idea as to what's getting through.



Leverage new assets









Solution Brief



Email-based Ransomware Threats



Coming soon...



Ransomware menace Ah, the menace of ransomware. With 1/3 to nearly 1/2 of ransomware attacks being vectored through email at any time, we wanted to know how IT and security professionals were dealing with the exponential growth in ransomware attacks. In fact, our FortiGuard Labs threat research team saw a 10.7X increase in ransomware attacks hitting our sensors over the July 2020 to July 2021 timeframe. Ransomware has gone well past media attention and hype to a very real cause for concern **Concerns ∞** We wanted to know how much IT and Security pros were seeing any intensification of the threat landscape and gauge their sentiments for how they are handling it. Which of th At your organization, have email attacks increased, decreased or remained unchanged over "High" increase in the number of email-based 2022 EMAIL SECU Compared to 12 months ago, how concerned are you about the current threat landscape and of respondents are "Somewhat" to "Definitely more concerned 2022 EMAIL SECURITY: THE CONFIDENCE GAME



White Paper – Now Available

Report



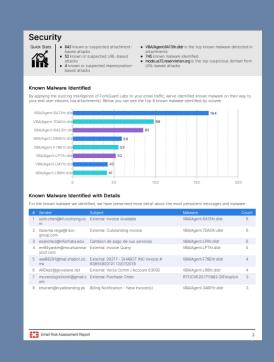


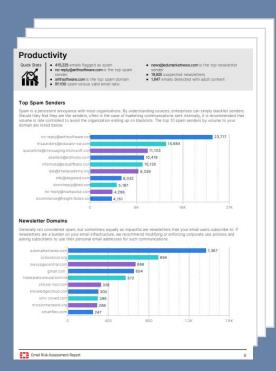
CTAP Email Risk Assessment

Test drive FortiMail for detecting email-borne threats and stopping spam.









Exchange Server 2016







Takeaways



Key Takeaways



Email security is becoming top of mind again.



FortiMail is emerging as a strong, cost-effective alternative to market leaders Proofpoint/Mimecast.



Our differentiation – especially, the Fabric – is resonating in the marketplace.



Initiate new conversations and take Microsoft O365 head-on.



Drive growth in our FortiMail Cloud and CTAP.





BACKUP



What Email Analytics Are Telling Us

- On average, per email assessment
 - 10 known malware attachments
 - 3 unknown malware attachments
 - 95% at least 1 impersonation attack
 - 51% of emails are spam
 - 30% of emails are newsletters
- Most susceptible verticals are:
 - Government (88%)
 - Retail (74%)
 - Manufacturing (72%)
 - Education (64%)
 - Technology (57%)

We find "bad stuff" in...

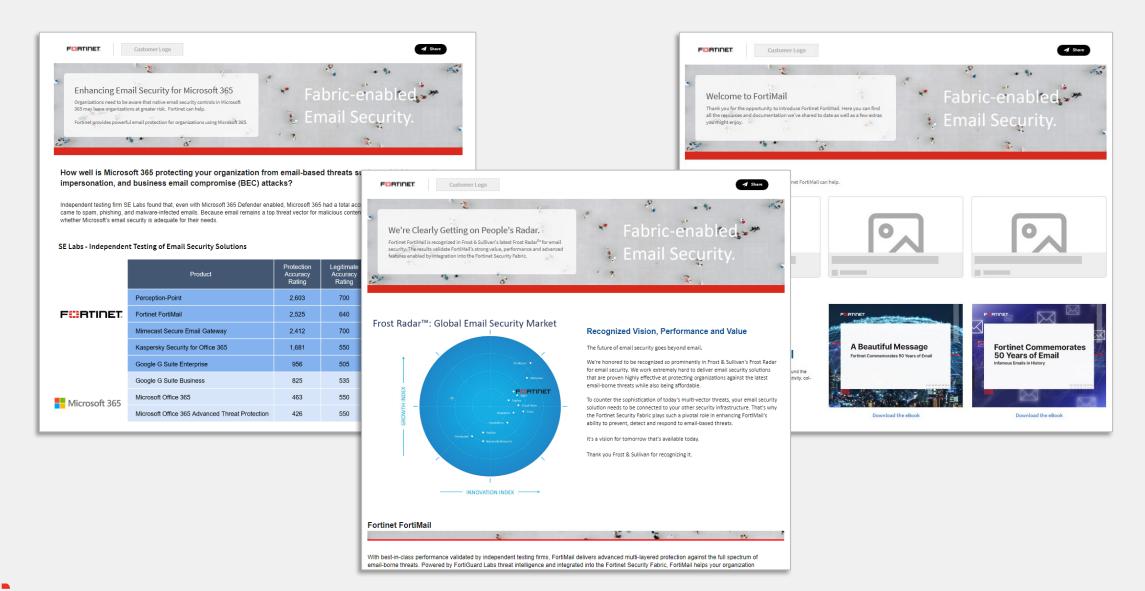


68%

of email assessments



Highspot





What's coming?



Instructions:

Include any tables appropriate to talk about pricing changes or updates. Note: We suggest talking more about pricing changes and updates versus going through existing pricing SKU by SKU. Make a call-out to the Ordering Guide and where it can be found.

For anything where we are communicating something that is coming and still subject to change, we should include the disclaimer below.

^{*}Any statements made in regards to future product release are forward-looking forecasts, subject to change and should not be shared with any person or entity outside of Fortinet without the proper agreements in place.

Core differentiation matrix





Instructions:

This is an optional slide approach that calls out core differentiators (not at a specific product feature level), to provide guidance on which differentiators are more likely to resonate against a top competitor based on whether a seller is talking to a Fortinet customer or a prospect

Core Fortinet Differentiators	COMPETITOR		СОМЕ	a top	a top competitor based on whether a seller is talking to a Fortinet customer or a prospect.		
	Prospect	Customer	Prospect	Customer	Prospect	Customer	
Differentiator #1							
Differentiator #2							
Differentiator #3							
Differentiator #4							
Differentiator #5							

Prospective: Fortinet Green Field

Customer: FortiMail renewal or other products



How to engage and win



Instructions:

Consider calling out related assets that the seller or partner can access for more insights.



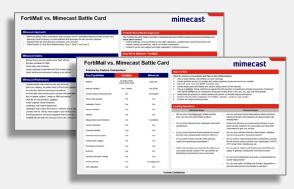
Start a Conversation

- Add a question that would be in the voice of the seller.
- Add a question that would be in the voice of the seller.
- Add a question that would be in the voice of the seller.



Position Fortinet in Your Ong

- Very specific guidance on what or how to position a feature or point of differentiation.
- Very specific guidance on what or how to position a feature or point of differentiation.
- Very specific guidance on what or how to position a feature or point of differentiation.



Get the Battle Card – Go to the FUSE FortiMail page or Hubspot.

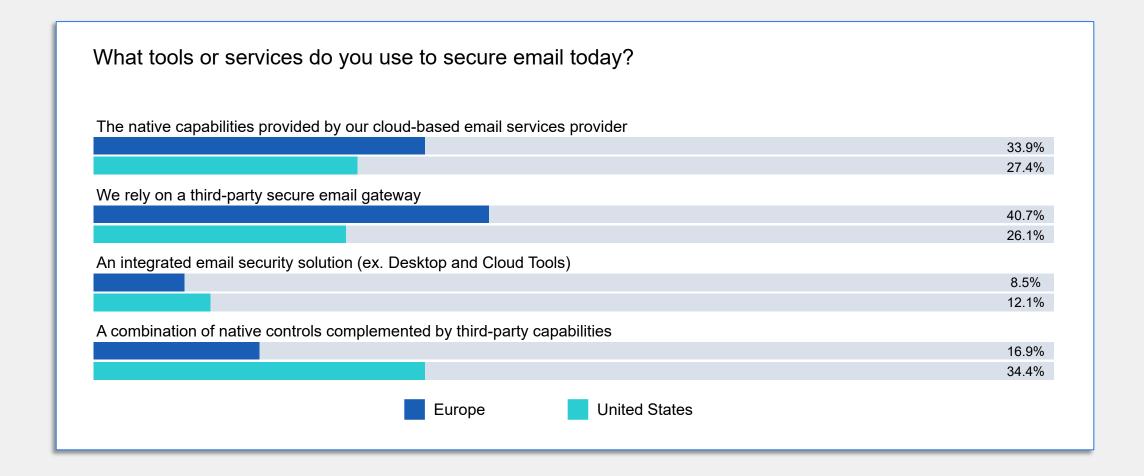


Content to enable sellers

Conversation Starters Field Briefs **Battle Cards** Thought Leadership **Highspot Templates Core Content**



Use of Cloud Native Security Controls





How to engage and win

Competitor Name

Start a Conversation

Position Fortinet in Your Ongoing Conversation

- Add a question in the voice of t
- Add a question in the voice of the
- Add a question in the voice of the

Conversation Starters

Use this slide format!

n a feature

n a feature

n a feature



Get the Battle Card - Go to the FUSE FortiMail page or Hubspot.



Use Case: Descriptive title of the use case



