

The Fortinet logo, featuring the word "FORTINET" in a bold, black, sans-serif font. The letter "O" is stylized with a red and white grid pattern. A registered trademark symbol (®) is located to the right of the text.

FORTINET®

Naujos kartos ugniasienės Next Generation Firewalls (NGFW)

Mindaugas Kubilius, Fortinet sprendimų inžinierius

High Performance Network Security

The Evolving Security World

The Easy Internet

- High Degree of IT control
- Slow rate of change
- Limited Operating Systems



The Evolving Security World



Different Users



Different Skills



The Evolving Security World



BlackBerry



The Evolving Security World

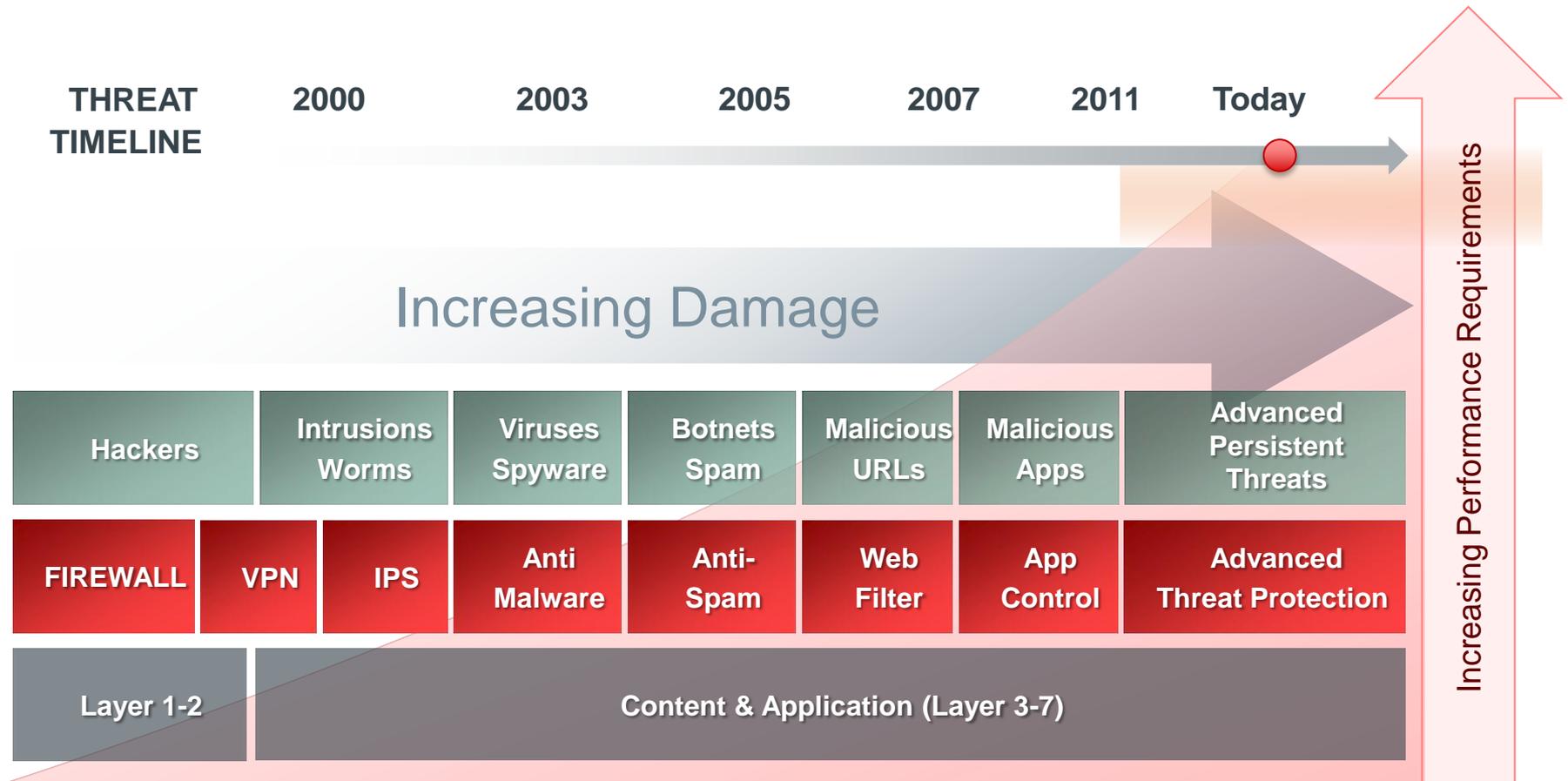


Increasingly Mobile Workforce

- Work Wherever, Whenever
- Reduced Corporate Overhead
- Global Workforce
- Improve Customer Relations



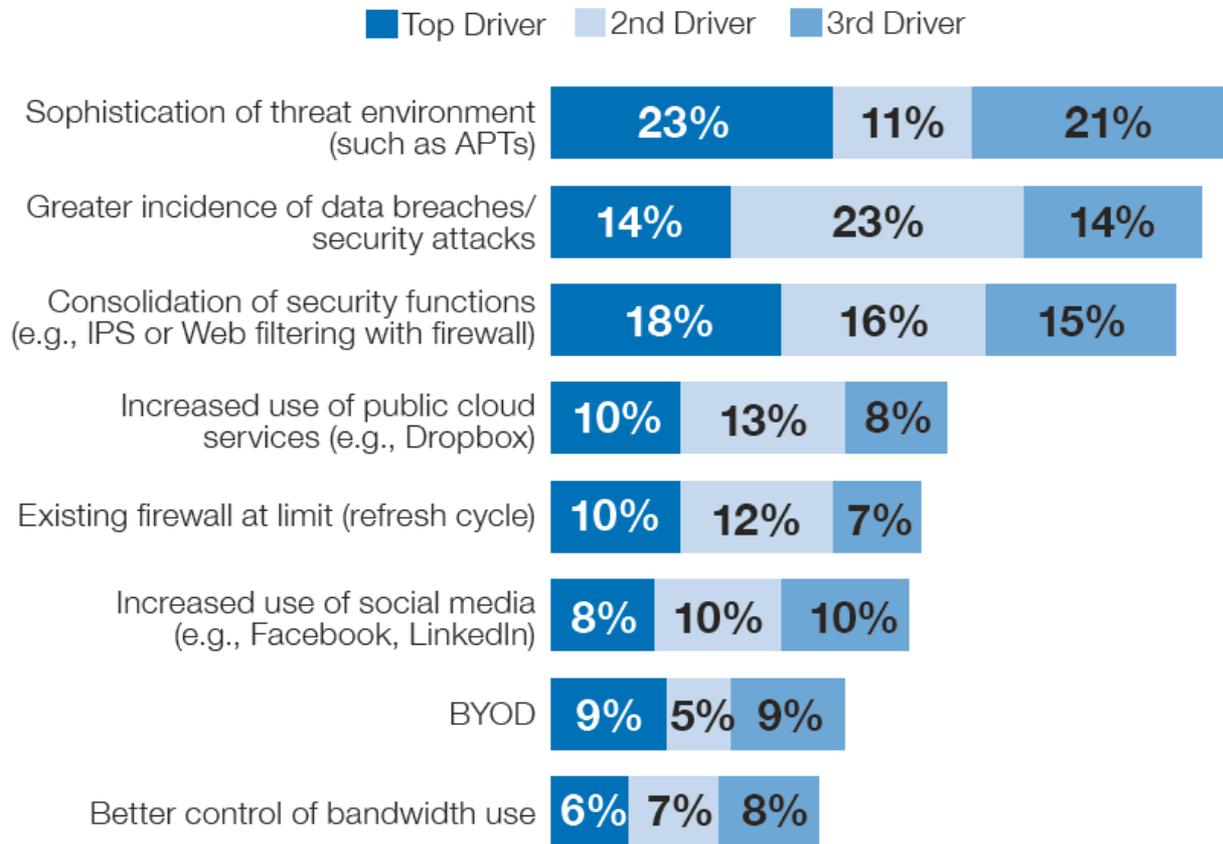
Timeline of Security Challenges



NGFW Drivers (Chief Security Officer Survey by IDG)



Top Drivers for Next-Gen Firewall



Source: IDG Research, May 2014

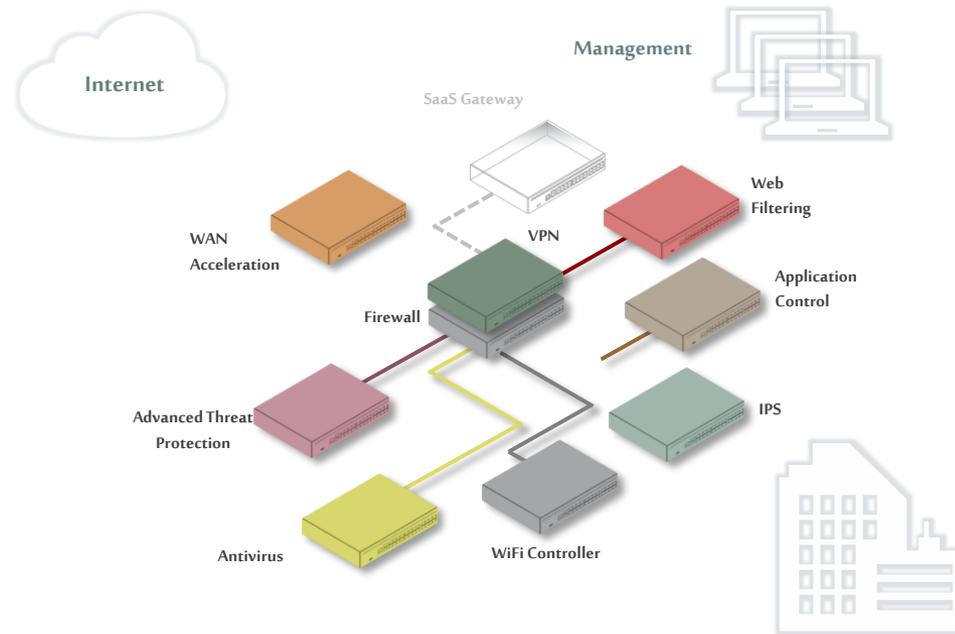
Konsolidacija



Customer Challenge – Complexity

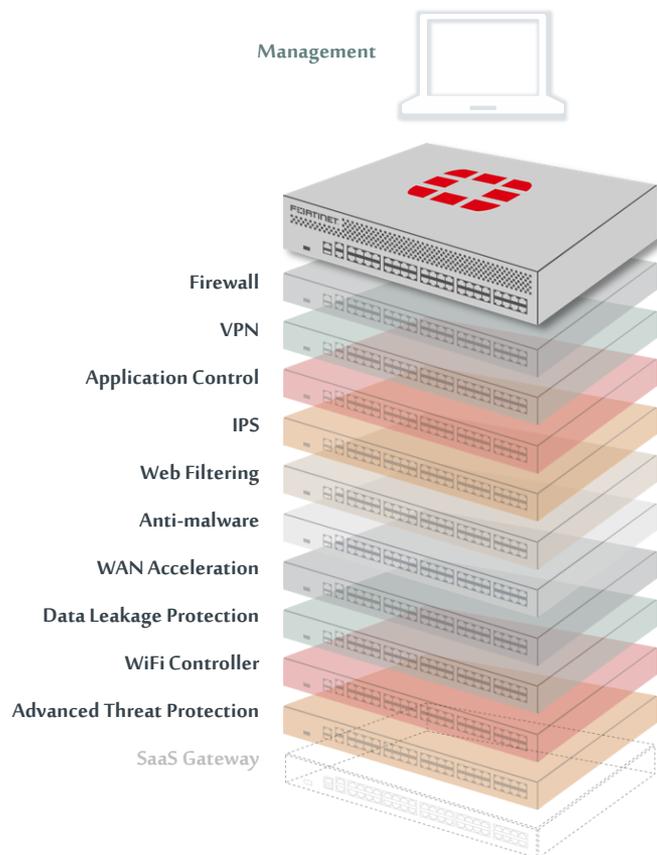
Too Many Point Solutions

- Over time, **point solutions** have been deployed in response to evolving threats
- Platforms **vary** across small and large deployments
- **Numerous** management consoles
- **Inconsistent** policy and networking function
- **Varying** upgrade cycles
- **Slow and porous** response to threats
- Poor user experience, **complaints**



Fortinet Advantage - Simplicity

FortiOS Enables Networking & Security Convergence



- **Single** management console
- **Common** platform across all size deployments
- Deploy what you need, where you need it
- **Consistent**, consolidated policy
- **Consolidated** infrastructure
- **Faster, more robust** response to threats
- **Lower** admin burden, **easier** to maintain infrastructure, **fewer** user complaints
- **Decreased risk** exposure, **eliminate gaps** in protection

Visibility - Traditional Firewall vs. NGFW



	Capability	Traditional FW	NGFW
Who	User	192.168.221.85	Sean Meredith
What	Application	TCP/25	SMTP
	Cloud Application	HTTPS/443	YouTube
Why	Policy	--	Blocked Policy #22
When	Timestamp	1388534400	Jan 1 st 2014 @12am
	Browse Time	--	20 min 32 sec
Where	Endpoint	00-10-5A-44-12-B5	Sean's iPhone
	Destination	2.160.233.18	Germany
How	Threat	--	W32/Kryptik.MM!tr
	Website	98.138.253.109	www.yahoo.com
	Event Details	[Raw Logs]	WEB 1 APP 2

Application Visibility Categorization



FortiGuard Threat Research - Industry Leaders



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Awards & Certifications



35 Awards

Partnerships & Industry



Founded by Fortinet

additional members include Palo Alto Networks, McAfee and Symantec

Global Security - FortiGuard Labs



Per Minute

64,000

Spam emails intercepted

680,000

Network Intrusion Attempts resisted

15,000

Malware programs neutralized

150,000

Malicious Website accesses blocked

100,000

Botnet C&C attempts thwarted

27 Million

Website categorization requests



Updates Per Week

49 Million

New & updated spam rules

240

Intrusion prevention rules

850,000

New & updated AV definitions

1.5 Million

New URL ratings

8,000

Hours of threat research globally



FortiGuard Database

130

Terabytes of threat samples

16,000

Intrusion Prevention rules

5,800

Application Control rules

250 Million

Rated websites in 78 categories

143

Zero-day threats discovered



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Based on Q4 2014 data

Kaip tai veikia ?



Fortinet in action



“Innocent” Video Link:
» Redirects to malicious Website

“Out of date” Flash player
» Download malware file

Integrated Web Filtering
Blocks access to malicious Website

Network Antivirus
Blocks download of virus

Intrusion Prevention
Blocks the spread of the worm



Kodėl Fortinet?



Gartner Magic Quadrant for UTM 2014



Figure 1. Magic Quadrant for Unified Threat Management



Kodėl TEO?





- TEO – patyręs saugumo paslaugų tiekėjas
- TEO – Fortinet partneris naujos kartos ugniasienių sprendimuose
- TEO inžinierių komanda turi daug patirties diegiant Fortinet įrangą

FORTINET®

Dékui



High Performance Network Security