Defending our Nation
Why Two Heads are Better than One

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Chief Security Officer

Agenda

- Overview of Symantec
- The evolving Threat Landscape
- Public/Private Partnership

Symantec™

Founded in **1982**

IPO in **1989**

Approximately **21,500** Employees

Operations in **48** Countries

#379 on the **2013 Fortune 500**

100 Percent of **Fortune 500** Companies are Customers

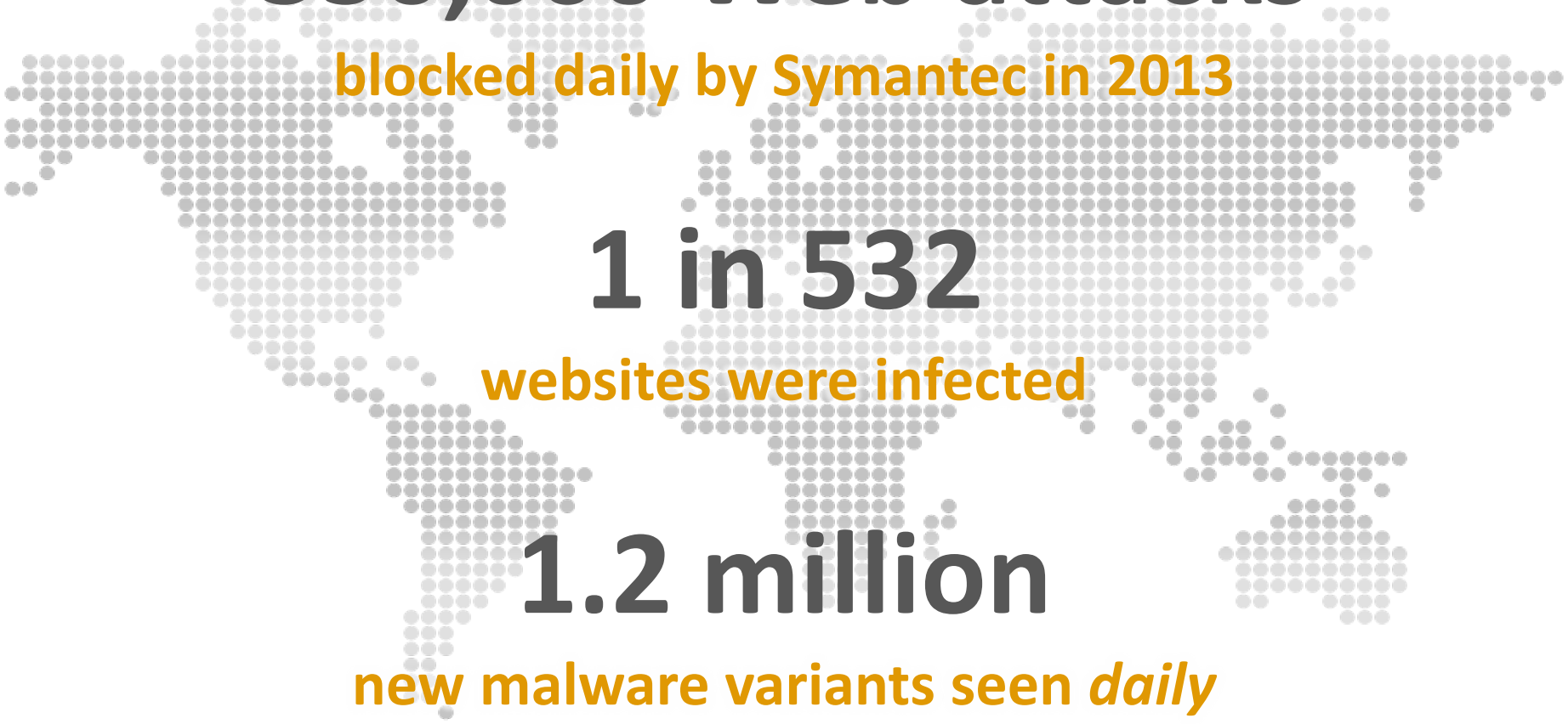
$6.9 Billion Revenue in FY2013; Approximately **52%** Outside of the U.S.

More Than **1,900** Global Patents

Invests **14%** of Annual Revenue in R&D*

* R&D Investments is Non-GAAP

Some Interesting Statistics…



350,000 Web attacks

blocked daily by Symantec in 2013

1 in 532

websites were infected

1.2 million

new malware variants seen *daily*

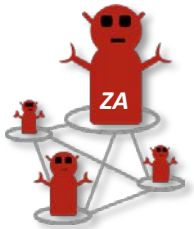
Notable Security Incidents and Research 2013

February
Stuxnet 0.5: earliest know version is discovered

April
Syrian Electronic Army emerges

June
Castov: DDoS attacks Korean government sites

August
DDoS attack against Chinese Internet: Entire .cn domain taken offline



October
ZeroAccess: 500,000 P2P bots taken offline

Feb Mar Apr May Jun Jul Aug Sept Oct

March
Jokra: Media and financial networks wiped out in simultaneous attacks.

May
Operation hangover: Research reveals extensive APT attacks in the Indian sub-continent

July
Android App Hijacking vulnerability revealed

September
Hidden Lynx: Research reveals most sophisticated APT group yet

What Drives Modern Day Attacks?

Hacktivism

- DDoS
- Twitter Hacking
- DNS Redirection

Cybercrime

- Financial Trojans
- Ransomware
- Bitcoin Mining
- Click Fraud

Targeted Attacks

- Sabotage
- Espionage

60% OF ORGANIZATIONS HAVE >25 INCIDENTS EACH MONTH[1]

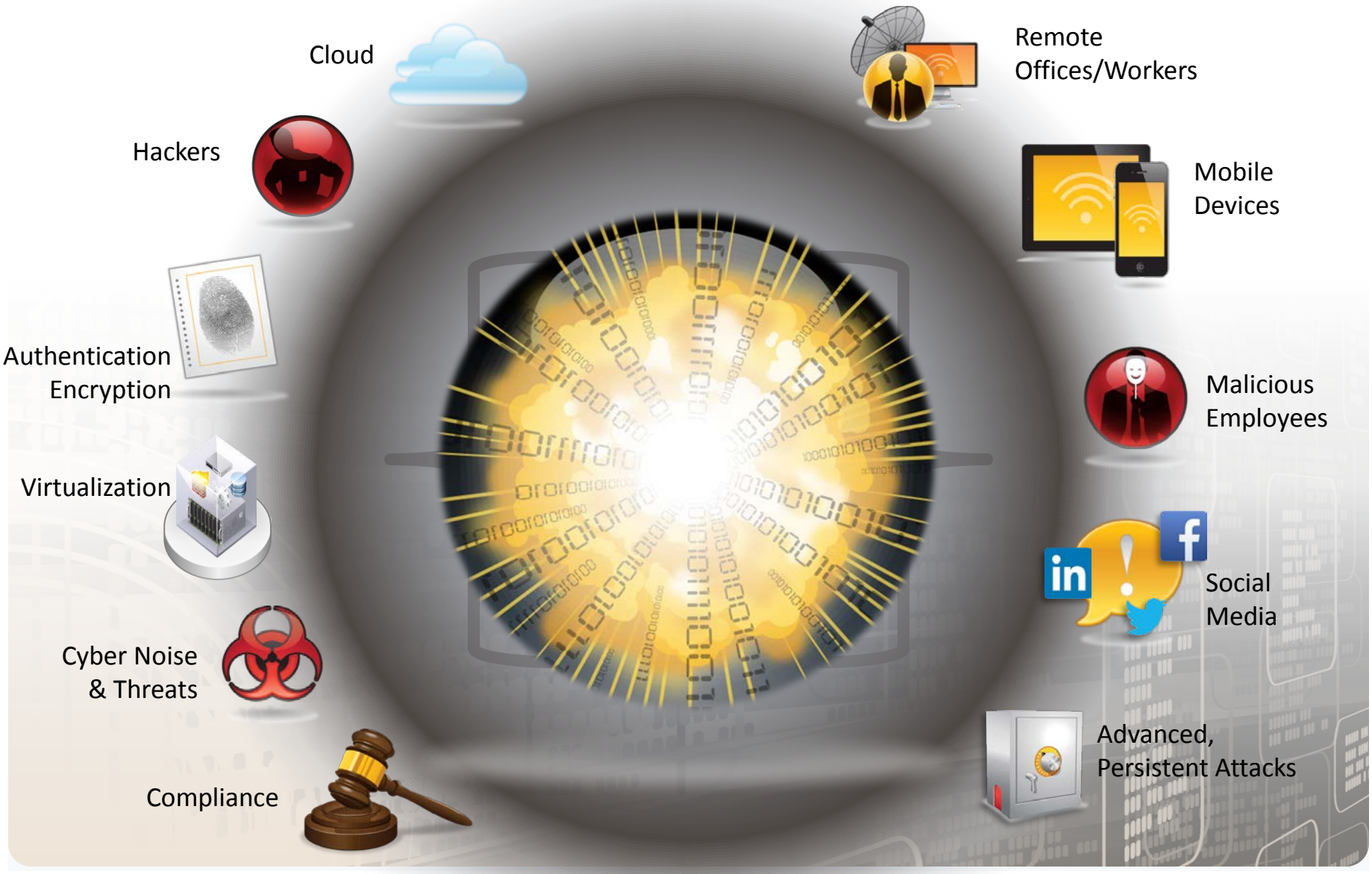
77% HAVE ROGUE CLOUD DEPLOYMENTS[2]

6X INCREASE IN MOBILE MALWARE LAST YEAR[3]

243 AVERAGE # OF DAYS TO DISCOVER A BREACH[4]

1. Ponenom Institute, 2013 State of the Endpoint
2. Symantec, Internet Security Threat Report 2013
3. Juniper Networks, Malware targeting mobile phones grew by 614% between 2012 and 2013.
4. Mandiant, M-Trends 2013: Attack the Security Gap

Expanding boundaries = moving targets



REIMAGINED

Public-Private Partnership

Symantec's works to provide input to our Public partners on policy, emerging standards, sharing cyber information, strategy/planning and training/education.

Policy	Executive Orders National Security Telecommunications Advisory Committee
Emerging Standards	National Strategy for Trusted Identities in Cyberspace NIST Framework
Information Sharing	IT-Information Security Advisory Council (IT-ISAC) National Cyber-Forensics & Training alliance Cybersecurity Information Sharing and Collaboration Program (CISCP)
Technical Strategy & Innovation	Federally Funded Research & Development Centers (FFRDC) such as DARPA National Science Foundation (NSF)
Training & Education	NIST-COE NCSA Cyber Readiness Games

Symantec knows security.

We protect 1 billion systems around the world

#1

We review 8 billion email messages and 1.4 billion web requests a day

Track 60,000+ vulnerabilities for over 16,000 vendors and 43,000 products

CONFIDENCE

The Largest IT Security Company in the world

Q&A