



HEALTH & LIFE SCIENCES PRIVACY & SECURITY

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PRIVACY & SECURITY PRIORITIES - CONCERNS

1

Avoiding breaches
and ransomware

2

Privacy/Security limiting
adoption
of new technologies

3

Regulatory compliance

Source: Intel internal research 2016

HEALTHCARE SECURITY – INCREASINGLY ABOUT SURVIVAL

- Major impact of breaches and ransomware
- Compliance important ... but not sufficient
- How far do you need to go?
- How does your security compare?
- Breach Security Benchmark Assessment



BREACH SECURITY PROGRAM – KEY GOALS

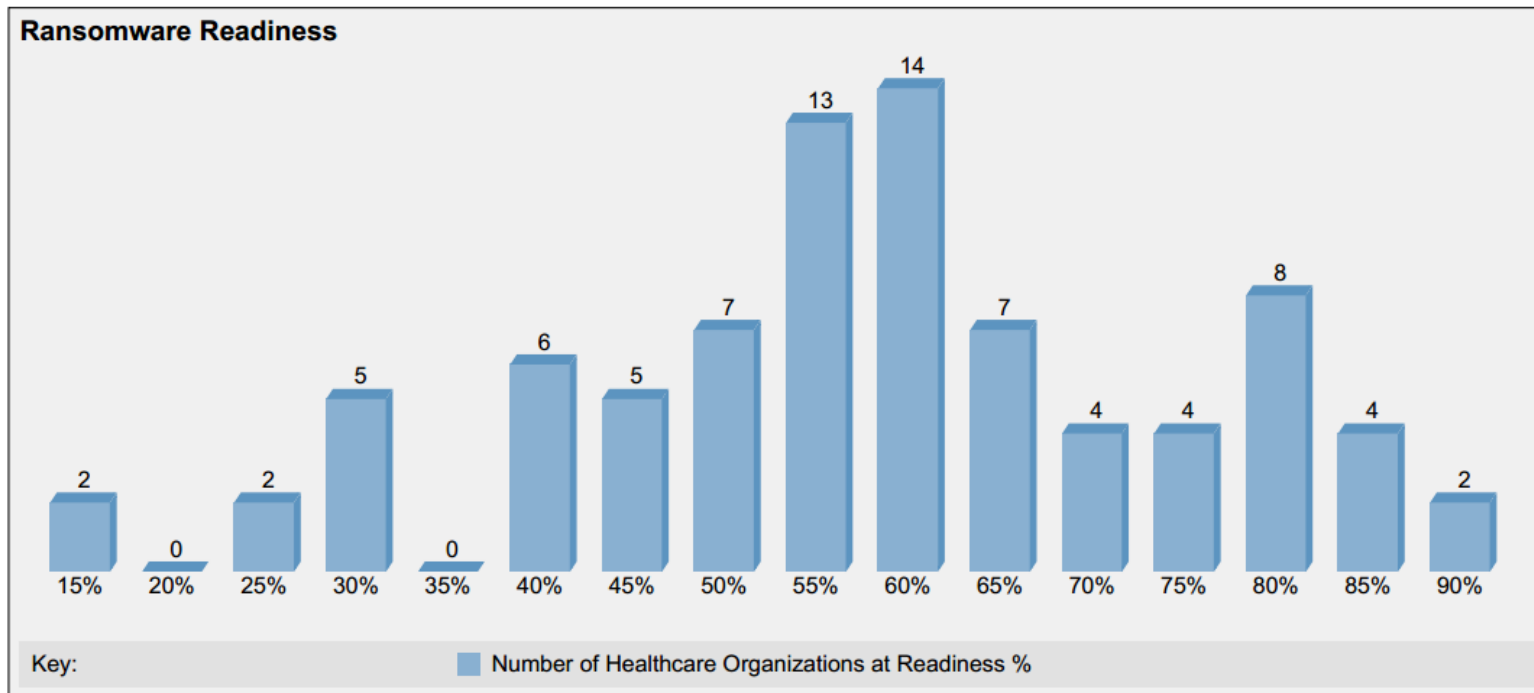
1. Alleviate healthcare breach concerns
2. Security solutions
3. Hardware updrade / refresh
4. Build relationships
5. Thought leadership
6. Scale globally



Healthcare Priorities by Breach Type

#	Breach Type	Priority / Level of Concern	
1	Ransomware	High	84%
2	Cybercrime Hacking	Medium / High	75%
3	Insider Accidents or Workarounds	Medium / High	62%
4	Loss or Theft of Mobile Device or Media	Medium	51%
5	Insider Snooping	Medium	51%
6	Business Associates	Medium	49%
7	Improper Disposal	Medium	41%
8	Malicious Insiders or Fraud	Low / Medium	40%

Ransomware Readiness



Intel.com/BreachSecurity N=83, Global Scope, Tuesday, 28 Feb 2017 10:15 PST

Security Maturity

WHERE THE
BRIGHTEST MINDS
IN HEALTH AND IT DRIVE IMPROVED OUTCOMES

%	BASELINE	%	ENHANCED	%	ADVANCED
79%	Policy	53%	Device Control	9%	Server Solid State Drive (Encrypted)
65%	Risk Assessment	66%	Penetration Testing, Vulnerability Scanning	17%	Network Data Loss Prevention (Prevention Mode)
58%	Audit & Compliance	25%	Client Solid State Drive (Encrypted)	28%	Database Activity Monitoring
65%	User Awareness Training	15%	Endpoint Data Loss Prevention (Prevention Mode)	44%	Digital Forensics
58%	Endpoint Device Encryption	28%	Network Data Loss Prevention (Discovery Mode)	34%	Security Information and Event Management
60%	Mobile Device Management	48%	Anti-Theft: Remote Locate, Lock, Wipe	42%	Threat Intelligence
17%	Endpoint Data Loss Prevention (Discovery Mode)	43%	Multi-Factor Authentication with Timeout	13%	Multi-Factor Authentication with Walk-Away Lock
89%	Anti-Malware	78%	Secure Remote Administration	23%	Client Application Whitelisting
80%	IAM, Single-Factor Access Control	14%	Policy Based Encryption – Files and Folders	23%	Server Application Whitelisting
90%	Firewall	37%	Server/Database/Backup Encryption	39%	De-Identification / Anonymization
89%	Email Gateway	67%	Network Segmentation	10%	Tokenization
81%	Web Gateway	60%	Network Intrusion Prevention System	65%	Business Continuity and Disaster Recovery
70%	Vulnerability Management, Patching	86%	Business Associate Agreements		
58%	Security Incident Response Plan	67%	Virtualization		
81%	Secure Disposal				
87%	Backup and Restore				

[Intel.com/BreachSecurity](https://intel.com/BreachSecurity)

Most Have It | Some Have It | Few Have It

N=83, Global Scope, 16 Feb 2017



Breach Security Benchmark

A Lead-in to Other Opportunities

Policy Creation / Update

Risk Assessment

Penetration Testing
/ Vulnerability Scanning

Audit

User Training

Implement Security Safeguards

Hardware / Security Bundle Refresh

**Breach
Security
Benchmark**



BREACH SECURITY PROGRAM - ENGAGEMENT LIFECYCLE

1. Planning

- Engagement Model, Status and References

2. Invite Healthcare Organizations

- Draft Invitation, Concise Overview, Sample Report
Intel.com/BreachSecurity, Industry Level Results
for Global, Europe, US, UK, Nordics

3. Provide Overview, Q&A Discussion

- Slides

4. Conduct Assessment

- Spreadsheet, Worksheet (hardcopy), Analytics
Secure Delivery of Confidential Benchmark Reports

5. Report Results

- Benchmark Reports, Action Plan

6. Enable Remediation

- Security and Hardware Portfolios, Account Executive
Recommendations Report

INVITATION: SECURITY READINESS WORKSHOP – CALL TO ACTION

Workshop / assessment to benchmark security:

1. Maturity
2. Priorities
3. Capabilities
4. Compared to industry

1 hours duration

Confidential and complimentary (no charge)

Deliver value to your healthcare organizations

Identify priorities, capabilities, gaps, and opportunities

Enable remediation, sales



No computer system can be absolutely secure.

Questions?

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Further Resources

[Healthcare Security Breaches – 3m Video](#)

[Healthcare Friendly Security Whitepaper](#)

[Healthcare Security Breaches – Web Resources](#)

[Healthcare Breach Security Assessment Program – Intel.com/breachsecurity](https://intel.com/breachsecurity)

