Law Departments & Cyber Security: The Scary Stuff

August 19, 2013

#LDPG4
#ILTA13

Our Panel

- Natalie Fedyuk
  Manager, Information Protection Advisory Services,
  KPMG
- Brian Donato
  Chief Information Officer, Vorys, Sater, Seymour and Pease LLP
- Mike Russell
  Director, Special Projects & Strategic Legal Technologist,
  Liberty Mutual Insurance - Enterprise Legal Services
  @LawTechnologist

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Disclaimer

- The views expressed are solely those of the presenters and should not be attributed to the presenters' corporation, firm, or clients

- This presentation is solely intended for educational purposes and in no way constitutes legal advice

Agenda for Today

- Overview
- Client Expectations
- Perspective – Your Data and Third Parties
- Best Practices
  - LegalSEC “Top Ten” & so much more…

Overview – Regulatory Environment

- Industry Issues & Ethics
  - Financial, Healthcare, Government, Critical Infrastructure
- Competition amongst firms
- Why “now” – recent regulations
- Targeted attacks on law firms

ABA JOURNAL
Law News Now

HOME NEWS TOPICS MAGAZINE NUMBERS

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INTERNET LAW

Law Firm, Police Hit By Hack Attacks; Lawyer Cell Phone Records Reportedly Accessed

Posted Feb 6, 2012 3:00 PM CDT

By Martha Neil

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...anizations, including at least one law firm, which were targeted late last week in online attacks ...ist collective known as Anonymous has claimed the blame are still working to get their

...formation that seemingly was obtained in the hack attacks is getting all too much ... from the Puckett & Faraj website appears to be posted on YouTube, among other ...icers in Texas and perhaps elsewhere reportedly have had their names and

... Marine staff sergeant and won him a conviction on reduced charges in ...erning multiple civilian slayings in Hadditha, Iraq, is still without a ... via Facebook or an old-fashioned phone call at 703-706-...

City News

L.A. Law Firm Reports Cyber Attack From China

By Dennis Romero Thu., Jan. 14 2010 at 6:00 AM
Categories: City News, Community, Crime

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A Los Angeles law firm representing a company suing China for allegedly stealing its software code announced its computers have come under a cyber-attack that originated in the Asian nation and that the FBI is investigating the attempted intrusion.

[See our original post about the lawsuit against China here].

Gipson Hoffman & Pancione, which is represe... Barbara-based CYBERsitter, LLC in a $2.2 ... against China that was announced last w... "Trojan" code enabling the takeover o... addresses. But the company said it...

"Beginning Monday evening, ... several targeted customize... members of the firm," t... Trojan emails are spe... often allow the ser... It has not yet b...

China Hacking Report Ra... Security Alarm at Firms

By Jessica Seah
The Asian Lawyer | Contact | All Articles
March 1, 2013

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Maxim Kazmin - Fotolia.com

...aching a single network," says McGee. "To some extent, it's a one-stop shop for the ...

The blockbuster **report** on Chinese hackin... last week by U.S. cybersecurity firm **Mandian...** focused attention on the security of data held by governments and big corporations—and by law firms.

The report linked hacking of 141 entities, mainly in the United States, to a Chinese military unit based in a suburban Shanghai neighborhood. Four of those entities were law firms. Mandiant general counsel Shane McGee declined to name them, but says law firms, which store all kinds of sensitive information for a wide variety of clients, make ideal targets for hackers.

"By targeting large law firms, hackers can obtain information about hundreds or thousand...

LegalTech Day Three: FBI Security Expert Urges Law Firm Caution

By Evan Koblentz | Contact | All Articles
Law Technology News | February 1, 2013

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LEGALTECH New York 2013

A computer security expert from the Federal Bureau of Investigation pulled no punches at LegalTech New York on Thursday. "We have hundreds of law firms that we see increasingly being targeted by hackers," **Mary Galligan** said.

Galligan, of the agency's New York office, is special agent in charge of cyber and special operations. "The FBI puts great importance on this issue," she said, while filling in for scheduled speaker **Ray Kelly**, NYPD chief, who was unable to attend the conference.

Client Expectations

- Law Firm Partners as Service Providers
  - aka Vendors
  - …and don't forget about THEIR vendors!

- What do your clients think about your ability to protect data?
  - Potential for strained relationships
    - Firm embarrassment if the client really is paying attention?
  - What is required under data protection and data destruction agreements?

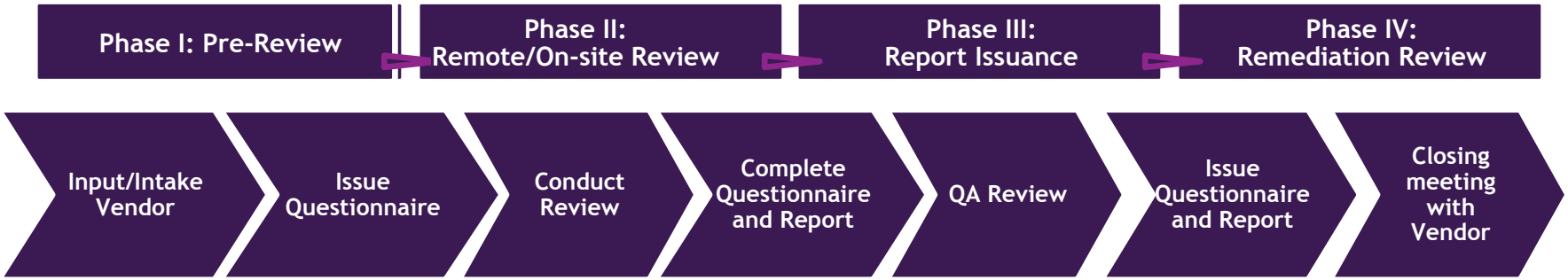
Perspective – Your Data and Third Parties

- Vendor Management
  - RFP Process
  - Information **Security** vs. **Governance**
    - Tactical Steps to support Management Strategy

Risk Assessment

Audits

- What does an Audit entail?



- What questions are asked?
- How detailed should responses be?

Best Practices for Law Firms

- Adopt and enforce a security controls framework
  - LegalSEC “Top Ten” – a place to start
- Implement applicable controls
- Streamline the Audit procedure
  - Respond Consistently
- Perform periodic self-assessments

LegalSEC “Top Ten”

1. Patch Management
2. Elevated Privilege Controls
3. Multi-Factor Authentication
4. Leverage all Security Tools
5. Application Whitelisting
6. Security Web/Email Gateways
7. Utilize Peer Networks
8. Intrusion Detection/Prevention
9. Updated Policies
10. Security Awareness

More Best Practices

- Risk Management process
- Data Classification
- Data intake
- Data destruction
- Third party access
- Incident Response
- Testing / Auditing
- Insurance

What does the Future hold?

- Evolving LegalSEC Standards
  - What constitutes an acceptable baseline?
- Will Certification become the norm?
  - ISO 27001, BITS, COBIT, PCI-DSS, SSAE-16, HIPAA Privacy and Security rules.
- Other Legal authorities & standards
  - State Bars and ABA
- Impact to Cloud environments

References & Resources

- ILTA, of course – ask your Legal Information Security Council (LegalSEC) peers!
  - www.iltanet.org
- ISO 27001
  - www.27000.org
- US Dept. of Homeland Security
  - www.us-cert.gov
- Australian Dept. of Defense “Top 35”
  - www.dsd.gov.au/infosec
- Health Information Privacy and Security
  - www.hhs.gov/ocr

Law Firm Hacks

- http://www.abajournal.com/news/article/unaware_that_anonymous_hacking_group_existed_until_friday_law_firm_partner/

- http://www.atlawblog.com/2011/03/report-ks-attacked-by-hackers/