The Twenty-Third National HIPAA Summit

HIPAA Summit Day II
Morning Plenary Session: HIPAA Security

March 17, 2015

John Parmigiani

Summit Co-Chair

President

John C. Parmigiani & Associates, LLC

Agenda

- Some Important and Emerging HIPAA Security Areas of Concern

- The Featured Speakers and their Topics

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Important and Emerging HIPAA Security Areas of Concern…

Threats (new ones being created daily)

- **Cyberterrorism**
  - National effort to manage and minimize
  - Not just PHI but all sensitive data (financial, proprietary, competitive, intellectual property)
  - Is the Anthem breach the beginning of an emerging pattern?
  - Not just hackers but "hactivists" (politically motivated hackers)

- **BYOD/Mobile devices**
  - More and more data subject to unauthorized access / lost devices
  - Securing patient data in a mobilized healthcare environment
    - mHealth technology
    - Telehealth
    - Wearable devices
    - Optimizing the balance between patient treatment and patient engagement in their care
    - Sharing patient data – the maturation of HIEs
    - Patient portals
    - Patients will only actively participate if there is assurance of their information being safeguarded
    - A major thrust in MU stage 3

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Important and Emerging HIPAA Security Areas of Concern…

- **Identity Theft and Medical Identity Theft on the Rise**
  - As more and more healthcare data becomes digitized
  - "There's Gold in them thar data"
    - Full set of identity information: $10 - $150 (medical record will have demographic, financial, and medical)
    - SSN: $.50 - $2
    - Stolen credit card: $.05 - $5
    - a set of Medicare ID numbers for 10 beneficiaries found online by security company RedJack, was being sold for 22 bitcoins, or about $4,700
    - websites offering such data tend to have names that end with **.su** and **.so**, as opposed to .com or .org. Some sites for criminal sales feature online rating systems, similar to Yelp, that let the buyer know if the seller is "legit." (5* is top rating)
  - Major market is as part of a kit for illegal immigrants to establish a fake identity and receive healthcare in US
  - Sold to individuals without insurance who are in need of elective surgeries or other expensive treatments, especially as the cost of healthcare is rising and the uninsured population is also increasing
  - Used by criminal providers for submitting fraudalent cliams

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Our Speakers and their Topics

- **Ali Pabrai**: *Compliance & Cyber Security: Enabling a Credible Program*
- **Bob Chaput & Kathy Jobes**: *Information Risk Management Essentials*
- **Deena Coffman**: *The Good, the Bad, and the Ugly of Compliance with the HIPAA Security Rule*
- **Bill Franklin & Stephanie Tayengco**: *Cloud models and compliance requirements -- which is right for you?*
  Break : 10:15 – 10:45 am
- **Phyllis Patrick**: *Responsibilities and Rights of Subcontractors in the Compliance Chain*

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Our Speakers and their Topics

- *Healthcare Security Officer Best Practices Roundtable -**New!***
  - **Gregory Barnes**, Chief Information Security Officer, Horizon Blue Cross Blue Shield of New Jersey, Newark, NJ
  - **Mark Combs**, Assistant Vice President & Assistant Chief Information Officer, West Virginia United Health System, Inc.; Former Chief Information Security Officer, West Virginia University Hospitals, Morgantown, WV
  - **Kathy Jobes,** Chief Information Security Officer, Sentara Healthcare; Former Enterprise Information Security Officer, Bon Secours Health System, Virginia Beach, VA
  - **Dennis A. Schmidt**, Director, Office of Information Systems, HIPAA Security Officer, School of Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC
  - **John C. Parmigiani**, President, John C. Parmigiani & Associates, LLC

Networking luncheon: 12:15 – 1:15 pm

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Thank You !

Any questions before we begin?

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