

***The Twenty- Seventh National HIPAA Summit***

***HIPAA Summit Day II***

***Morning Plenary Session: HIPAA Security***

**March 28, 2018**

**John Parmigiani**

**Summit Co-Chair**

President

John C. Parmigiani & Associates, LLC

# HIPAA Summit Security...

Something new this year:

- **PLENARY SESSIONS: 8:00 am – 10:45 am**
- **MINI SUMMITS ( 11 sessions )**
  - **Mini Summit Group I: 11:15 am – 12:15 pm**
    - 2 sessions in Mini Summit I
    - 1 session in Mini Summit II

# HIPAA Summit Security

- **Mini Summit Group II: 12:30 pm – 1:30 pm**
  - 2 sessions in Mini Summit III
  - 2 sessions in Mini Summit IV
- **Mini Summits Group III: 1:30 pm – 2:30 pm**
  - 2 sessions in Mini Summit V
  - 2 sessions in Mini Summit VI

# Some of My Concerns...

- Possible need for all three modes of authentication or replace the “something you know” and “something you have” with
  - “Something about you” – biometric “facial recognition” for use in healthcare
    - National patient identifier?
    - Barriers (patient aversion, cost of implementation, interoperability with current technological means)
- **General Data Protection Regulation Readiness – HIPAA on steroids looming on the horizon**
  - May 25, 2018 with no extensions of time for compliance, but... Is anybody ready? Where in the path to compliance?
  - What about Facebook and GDPR?
    - Cambridge Analytica event would have resulted in up to 4% of Facebook’s global revenue (\$15.9 B in 2017) as a penalty

# Some of My Concerns

- Changes in state data protection laws and the emergence of a national one
  - New ones and strengthened ones
    - Alabama and South Dakota
    - Patchwork of many different requirements as to what is covered and breach reporting timelines
  - Will we ever get a National Data Protection Law?
    - Data Security and Breach Notification Act of 2017 (S.B. 2179) (Bill Nelson (D-FL)/Richard Blumenthal (D-CT)/Tammy Baldwin (D-WI))
    - 3<sup>rd</sup> time around
- Macro to micro examination of the increasing array of threat vectors and the evolution of prospective practical measures and safeguards to prevent and/or mitigate inappropriate access, disclosure, denied use, destruction, etc.
  - Taking away the paths to inappropriate access and its impacts
    - For example, ransomware – separate server with daily backup
    - Blockchain
  - Overcoming barriers to adoption and implementation

# Important and Emerging HIPAA Security Areas of Issues and Concerns that will be Addressed...

- ❖ Challenges Behind Us and Challenges Ahead
- ❖ Physician Awareness of and Preparedness for HIPAA Compliance and Cybersecurity
- ❖ Health plan privacy and security
- ❖ A major medical center's efforts on cybersecurity and terrorism to educate and instill focus on security awareness for entire staff and associates as 1<sup>st</sup> line of defense.
- ❖ Artificial intelligence uses in conjunction with SOC
- ❖ GDPR

# **Important and Emerging HIPAA Security Areas of Issues and Concerns that will be Addressed...**

- ❖ Cyber risk, patient safety and medical professional liability (MPL)
- ❖ Risk-based approach vs. a compliance/checklist-based approach to enterprise security
- ❖ Digitization of healthcare and the resulting massive volumes of data to be protected
- ❖ Survival the Largest Ransomware Attack in History
- ❖ The Social Determinants of Health and HIPAA
- ❖ Challenges of Securing Medical Devices and the IoT in Healthcare

# **Important and Emerging HIPAA Security Areas of Issues and Concerns that will be Addressed**

- ❖ Why a HIPAA Security Analysis Is Not Enough
- ❖ Why Asymmetric Attacks Mandate Credible Cybersecurity Program
- ❖ Vendor Management and application Risk Assessments
- ❖ Record Retention
- ❖ Rise of Ransomware and best practices for preventing



# Our Speakers and their Topics...

- ***Health Privacy and Security; Challenges Behind Us and Challenges Ahead***; **Richard Campanelli, JD**  
Lecturer, Batten School of Leadership & Public Policy, University of Virginia, Former Counselor to the Secretary, Science & Public Health, HHS, Former Director, Office for Civil Rights, HHS, Washington, DC
- ***Physician Awareness of and Preparedness for HIPAA Compliance and Cybersecurity***; **Laura G. Hoffman, JD**  
Assistant Director of Federal Affairs, American Medical Association, Washington, DC
- ***Healthcare Chief Security Officers Best Practices Roundtable***

# Our Speakers and their Topics...

- ***Healthcare Chief Security Officers Best Practices Roundtable***
  - **Bob Chaput, CISSP, HCISPP, CRISC, CIPP/US**  
Chief Executive Officer, Clearwater Compliance; Former Vice President, Technology Operations, GE Information Services, Nashville, TN
  - **David W. Loewy, PhD**  
Information Security Officer, SUNY Downstate Medical Center; Former HIPAA Privacy and Security SME and Program Manager, CNA Insurance, Brooklyn, NY
  - **Dave Summitt, MS**  
Chief Information Security Officer, Moffitt Cancer Center; Former CISO, UAB Health System; IT & Network Security and HIPAA Security Officer, Bayfront Health, Tampa, FL
  - **John C. Parmigiani, MS**  
President, John C. Parmigiani and Associates, LLC; Former Director of Enterprise Standards, HCFA, Ellicott City, MD (Moderator)
  
- ***Break : 10:45 – 11:15 am***

***Thank You !***

***Any questions before we begin?***

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