Welcome

SESSION 1: Regulatory Aspects

08:05   FDA: What’s the Latest on Regulation of Medical Devices
William Maisel, MD, MPH
U.S. Food and Drug Administration
Silver Spring, Maryland

08:30   Update on DTSec: The First Consensus Cybersecurity Standard for a Medical Device with Security and Assurance Requirements
David Kleidermacher
Chief Security Officer
BlackBerry Limited, Santa Barbara, California

Bill Ash
Strategic Technology Program Director
IEEE Standards Association, New York, New York

Laura Elan
Senior Cyber-security Analyst
UL, Northbrook, Illinois

Ken Hoyme
Co-chair, AAMI Device Security Working Group
AAMI, Arlington, Virginia

Dirk-Jan Out
CEO, Brightsight
Delft, the Netherlands

09:35   Break

09:55   Enforcement of Cybersecurity Law
Ryan Pardee
Supervisory Special Agent, Cyber Fusion Cell
Federal Bureau of Investigation, San Francisco, California
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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| 10:20 | Legal Issues Around Cybersecurity                                              | Jeremy Feigelson  
Partner  
Debevoise & Plimpton, LLP, Washington, D.C.                                                                                           |
| 10:45 | Build Secure Devices Faster, or Else...                                       | Mike Ahmadi, CISSP  
Global Director  
Synopsys Inc., San Francisco, California  
Billy Rios  
Founder  
WhiteScope, Half Moon Bay, California                                                                                       |
| 11:35 | Panel Discussion                                                              | Moderator:  
David C. Klonoff, M.D., FACP, FRCP (Edin), Fellow AIMBE  
President  
Diabetes Technology Society, Burlingame, California                                                                               |
| 12:20 | Lunch                                                                         |                                                                                                                                           |
|       | **SESSION 2: Medical Device System Design**                                   |                                                                                                                                           |
| 13:20 | Secure by Design – Considerations When Designing and Implementing Mobile Apps and Wearables as Medical Devices | Timothy Beck  
Director Research & Development  
Roche Diagnostics, Indianapolis, Indiana                                                                                                                                 |
| 13:45 | Designing a Secure System with Parts from Another Manufacturer               | Aiman Abdel–Malek, PhD  
Senior VP, Adv. Technology & Engineering  
Insulet Corporation, San Diego, California                                                                                          |
| 14:10 | Cybersecurity Insurance for Medical Device Manufacturers and Hospitals        | Christopher Keegan  
Senior Managing Director  
Beecher Carlson, New York, New York                                                                                                   |
14:35  Panel Discussion  
*Moderator:*  
David Kleidermacher  
Chief Security Officer  
BlackBerry Limited, Santa Barbara, California

15:00  Break

15:20  The Next Frontier in Medical Device Security  
Denise Anderson  
President  
National Health Information Sharing & Analysis Center (NH-ISAC)  
Kennedy Space Center, Florida

Jon Hagar  
Consultant  
Grand Software Testing, LLC  
Hot Sulphur Springs, Colorado

16:10  The Internet of Medical Things: Medical Grade Matters!  
James Mault, MD, FACS  
VP & Chief Medical Officer  
Qualcomm Life, San Diego, California

16:35  Panel Discussion  
*Moderator:*  
David Kleidermacher  
Chief Security Officer  
BlackBerry Limited, Santa Barbara, California

17:00  Social Hour  
Siskyou Room

18:00  Adjourn
08:00  Summary of First Day

SESSION 3: Security in the Cloud

08:05  The Story of the Animas Pump – Coordinated Disclosure: A Security Researcher Perspective
Jay Radcliffe
Senior Security Consultant
Rapid7, Boise, Idaho

08:30  A Dystopian RF World
Alex Iliadis
Lead Software Architect
MedSec Ltd., Miami, Florida
Justine Bone
Chief Executive Officer
MedSec Ltd., Miami, Florida

08:50  Ethical and Legal Issues Regarding Disclosure
Marcia Hofmann
Founder and Principal
Zeitgeist Law PC, San Francisco, California

09:05  Considerations for Safety Critical Systems
Joshua Corman
I Am The Cavalry
Dover, New Hampshire

09:15  Panel Discussion
Moderator:
Joshua Corman
I Am The Cavalry
Dover, New Hampshire

09:30  Break

09:50  Securing Linux Systems in the Internet of Things: Four Essential Steps for Ongoing Threat Mitigation
Kamal Desai
Product Management
Wind River, Alameda, California
10:15  A Platform Approach to Securing your Medical Devices

Mark Schaeffer
Software Marketing Manager for Cybersecurity
Renesas Electronics America, Santa Clara, California.

Kaushal Vora
Global Segment Lead for Healthcare
Renesas Electronics America, Santa Clara, California

10:40  Leveraging Dynamic Testing For Ensuring The Security Of Medical Devices

Jeffrey Fortin
Head of Product Management
Vector Software, Inc., East Greenwich, Rhode Island

11:05  Trust Management from Node to Cloud

Majid Bemanian
Director of Marketing
Imagination Technologies, Santa Clara, California

11:30  Panel Discussion

Moderator:
Rich Nass
Executive Vice President
Embedded Computing Design

11:55  Lunch

SESSION 4: Hospital Cybersecurity

12:55  Use Case Scenario; What NIST Is Doing?
Gavin O’Brien
Computer Scientist
NIST/NCCoE, Rockville, Maryland

13:20  Threats to Hospitals
Patrick Phelan
Information Security Officer
University of California, San Francisco
San Francisco, California
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<th>Company/Location</th>
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<tbody>
<tr>
<td>13:45</td>
<td>The Evolving Medical Device Ecosystem</td>
<td>Penny Chase</td>
<td>IT and Cybersecurity Integrator, Information Technology Center</td>
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<td>Margie Zuk</td>
<td>Senior Principal Cyber Security Engineer, The MITRE Corporation, Bedford, Massachusetts</td>
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<td>14:10</td>
<td>Leveraging COTS Smartphone Security Technology for Healthcare</td>
<td>Rusti Baker</td>
<td>ARM, San Jose, California</td>
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<td>14:35</td>
<td>Panel Discussion</td>
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<td>15:00</td>
<td>Break</td>
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<tr>
<td>15:20</td>
<td>Specific Steps for Assuring Hospital Device Cybersecurity</td>
<td>Christine Sublett</td>
<td>Sublett Consulting, LLC, San Mateo, California</td>
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<td>15:45</td>
<td>Ransomware Prevention in Hospitals</td>
<td>Matthew Mellen</td>
<td>Security Architect, Healthcare</td>
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<td>Palo Alto Networks</td>
<td>Santa Clara, California</td>
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<td>16:10</td>
<td>Healthcare Cybersecurity is in Critical Condition</td>
<td>Joshua Corman</td>
<td>I Am The Cavalry, Dover, New Hampshire</td>
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<td>16:35</td>
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<td>Moderator: Christine Sublett</td>
<td>Sublett Consulting, LLC, San Mateo, California</td>
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