



## President's National Security Telecommunications Advisory Committee

### **National Security Telecommunications Advisory Committee Member Conference Call Meeting Summary February 5, 2015**

#### **Purpose of Meeting**

The purpose of the President's National Security Telecommunications Advisory Committee (NSTAC) member conference call (MCC) was to: (1) receive an official tasking from the Executive Office of the President on big data analytics; (2) receive an update on Department of Homeland Security (DHS) activities; and (3) discuss current events related to national cyber issues.

#### **Opening Remarks**

Ms. Helen Jackson, DHS and NSTAC Designated Federal Officer, called the meeting to order and welcomed participants. She stated that the NSTAC is a Federal advisory committee, governed by the *Federal Advisory Committee Act*. The public was provided an opportunity to submit comments; however, the NSTAC did not receive any requests in advance of the meeting. Ms. Jackson completed roll call before turning the meeting to Mr. Mark McLaughlin, NSTAC Chair.

Mr. McLaughlin thanked members for their participation and reviewed the call's agenda. He explained that Mr. Michael Daniel, Special Assistant to the President and Cybersecurity Coordinator, would discuss the next NSTAC study topic. Additionally, the NSTAC will discuss current events related to national cyber issues. Finally, the committee will discuss additional potential future study topics. Mr. McLaughlin also recognized Mr. Daniel and Dr. Phyllis Schneck, DHS Cybersecurity and Communications Deputy Under Secretary, and thanked them for participating in the MCC.

Mr. McLaughlin briefly summarized the actions from the NSTAC's last meeting in November 2014. He reminded participants that Mr. Tom Wheeler, chairman, Federal Communications Commission and TJ Kennedy, director, First Responders Network Authority Director provided remarks. Mr. McLaughlin acknowledged the panel discussion on the Communications Sector and Electricity Subsector interdependencies, noting that the NSTAC and subsector representatives agreed to further discuss cross-sector commonalities and encourage information sharing to mitigate common vulnerabilities and threats. Mr. McLaughlin also recognized the reports approved by the NSTAC at the meeting, including the *NSTAC Report to the President on the Internet of Things* and the *NSTAC Report to the President on Information and Communication Technology Mobilization*. He stated that the President has received both reports.

Mr. McLaughlin invited Dr. Schneck to provide opening remarks. Dr. Schneck congratulated the NSTAC Chair and Vice Chair on their new positions before providing a brief update on the recent cybersecurity legislation that the President signed into law. First, the *National Cybersecurity Protection Act of 2014* establishes the National Cybersecurity and Communications Integration Center as a platform for civilian Federal departments and agencies to share cybersecurity information. Dr. Schneck explained that this legislation enhanced DHS' ability to assist the



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private sector to identify vulnerabilities and recover from a cyber attack. Second, the *Federal Information Security Modernization Act of 2014* enhances the Department's efforts to coordinate with other Federal departments and agencies and the private sector to develop and implement DHS' Cybersecurity Framework and promote a Government-wide cyber policy. Additionally, the *Border Patrol Agent Pay Reform Act of 2014* and *Cybersecurity Workforce Assessment Act* facilitate DHS efforts to build a strong cyber security work force and attract top talent. Dr. Schneck encouraged NSTAC companies to reassess their cybersecurity levels, identify key areas of improvement, and innovate to drive stronger security.

Dr. Schneck updated the NSTAC on several critical DHS initiatives related to cybersecurity. In January 2015, the Critical Infrastructure Cyber Community launched a new webinar series, which included an overview of the cybersecurity resilience review process. She also explained that DHS' Science and Technology (S&T) Directorate supports the Cybersecurity Apex Program. This program seeks to provide the tools and technology to enable critical infrastructure owners and operators to repair and patch compromised networks without having to take the systems offline to do so. Dr. Schneck also elaborated on the Department's concept referred to as Weather Map. She said that DHS is collecting data from various Government agencies to perform a mathematical trend analysis of cyber events. Weather mapping allows users and potential victims to see where threats might occur and warn users of potentially risky situations so that users can reject incoming traffic in real-time. Mr. McLaughlin asked Dr. Schneck if there is a timeframe for the Weather Mapping technology's deployment. Dr. Schneck responded that the team is currently building the architecture and using it in a prototype.

### **Presentation of New Tasking: Big Data Analytics**

Participants were informed that the NSTAC's next tasking is big data analytics and that Ms. Lisa Hook, Neustar, will chair the subcommittee.

Mr. Daniel remarked that the White House has a continued interest on big data and big data analytics, particularly with DHS' Weather Map technology. Mr. Scott Charney, Microsoft, emphasized the importance and significance of big data; however, he noted that the topic is extremely broad. Mr. Charney suggested that the NSTAC create several big data scenarios and decide how to approach those use cases in terms of national security and emergency preparedness communications. Mr. Charney gave the example of an approaching storm or earthquake and asked how the Nation can leverage big data for quick responses and to prevent or limit potential catastrophes. He cautioned that if the NSTAC is unable to narrow big data into a scenario-based discussion, it could be difficult to make specific recommendations. Mr. Daniel agreed that the NSTAC should appropriately scope the topic in an effort to provide specific recommendations.



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**Discussion: Current Events Related to National Cyber Issues**

Mr. McLaughlin asked Dr. Schneck and Mr. Daniel to provide any additional details on the events taking place at the Cybersecurity and Consumer Protection Summit on February 13, 2015. Dr. Schneck explained that the President will focus on secure payments and information sharing, and the summit's goal is to gather heads of industry and Government and facilitate their commitment to cybersecurity investments. Mr. Daniel also added that the summit will include various panel discussions with chief executive officers, some moderated by Cabinet officials. On the day of the summit, the White House will simultaneously host open houses at Federal Bureau of Investigation and Secret Service field offices across the country to showcase cybersecurity technologies. Additionally, on February 12, 2015, the National Institute of Standards and Technology will host an event for chief information security officers on the use of the Government's Cybersecurity Framework. Mr. Daniel also added that the Office of Science and Technology Policy would host an event on workforce education.

**Closing Remarks**

Mr. McLaughlin announced that the NSTAC will hold its next meeting on May 6, 2015, in Washington, D.C., and asked that all members please reserve the date on their calendars. He thanked everyone for attending the MCC and adjourned the meeting.



**APPENDIX**

**February 5, 2015, Meeting Attendees**

| <u>Name</u>          | <u>Organization</u>                      |
|----------------------|--|
| <b>NSTAC Members</b> |  |
| Mr. Scott Charney    | Microsoft                                |
| Mr. Matthew Desch    | Iridium Communications                   |
| Dr. Joseph Fergus    | Communications Technologies Incorporated |
| Mr. Marc Lefar       | Vonage                                   |
| Mr. Tom Lynch        | TE Connectivity                          |
| Mr. Mark McLaughlin  | Palo Alto Networks                       |
| Mr. Glen Post        | Century Link                             |
| Mr. Angel Ruiz       | Ericsson                                 |
| Ms. Kay Sears        | Intelsat                                 |
| Mr. Gary Smith       | Ciena                                    |
| Mr. John Stankey     | AT&T                                     |
| Mr. William Swanson  | Raytheon                                 |

**NSTAC Member Points of Contact**

|                        |                         |
|------------------------|-------------------------|
| Mr. Chuck Brownawell   | Sprint                  |
| Mr. John Campbell      | Iridium                 |
| Ms. Terri Claffey      | Neustar                 |
| Ms. Kathryn Condello   | CenturyLink             |
| Mr. Brooks Fitzsimmons | AT&T                    |
| Mr. Patrick Flynn      | Intel                   |
| Mr. Bill Gravell       | Palo Alto Networks      |
| Ms. Angela McKay       | Microsoft               |
| Mr. Gregory Polk       | TE Connectivity         |
| Mr. David Rothenstein  | Ciena                   |
| Mr. Bill Russ          | Raytheon                |
| Mr. Marcus Sachs       | Verizon                 |
| Ms. Jennifer Schneider | Frontier Communications |
| Ms. Louise Tucker      | Ericsson                |
| Mr. Joe Uglialoro      | Intelsat General        |
| Mr. Milan Vlajnic      | COMTek                  |

**Other Industry Members**

|                      |                    |
|----------------------|--------------------|
| Mr. Ryan Gillis      | Palo Alto Networks |
| Mr. Chris Krebs      | Microsoft          |
| Ms. Rosemary Leffler | AT&T               |
| Ms. Joanne Piccolo   | TE Connectivity    |



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Mr. Michael Spencer  
Ms. Kristen Verderame  
Mr. Eric Watko

Neustar  
FireEye  
Avaya

**Government Personnel**

Mr. Steve Barrett  
Ms. Sandra Benevides  
Mr. Michael Daniel  
Ms. Sue Daage  
Ms. Victoria Fresenko  
Ms. Deirdre Gallop-Anderson  
Ms. Mary Hartigan  
Ms. Helen Jackson  
Ms. Julia Madison  
Dr. Andy Ozment  
Ms. Phyllis Schneck

Department of Homeland Security  
Department of Homeland Security  
National Security Council  
Department of Homeland Security  
Department of Homeland Security  
Department of Homeland Security  
Federal Bureau of Investigation  
Department of Homeland Security  
Department of Homeland Security  
Department of Homeland Security  
Department of Homeland Security

**Public Participants**

Mr. Guy Copeland  
Mr. Ryan Glanzer  
Mr. Tom Leithauser  
Ms. Megan Mance  
Mr. Jack Moore  
Mr. Shaun Waterman

CSC  
Heather Podesta and Partners  
Telecom Reports  
Homeland Security Dialogue Forum  
NextGov  
Politico

**Contractor Support**

Ms. Ann George  
Ms. Melissa Zientek

Triumph Enterprises  
Booz Allen Hamilton