

CYBERSATGOV

October 5, 2021 | Telecon
October 6-7, 2021 | Hyatt Regency Reston, Virginia

9/29/2021

CyberSatGov Agenda

CyberSatGov Classified Day

TUESDAY, OCTOBER 5 (separate ticket is required)

**The Classified Program will be held via telecon; you will need access to a SCIF in order to participate*

SCHEDULED BRIEFINGS

09.30 – 09.45: **Aerospace Corporation**, Opening Remarks

09.45 – 10.15: **National Security Agency**, Christy Girotti, Chief, Space Cybersecurity: *Securing the Digital Battlefield for Space Warfighters*

10.15 – 11.15: **U.S. Space Force**, Capt. Charles “Aaron” Bolen, Integration Section Chief, Special Programs Directorate, Enterprise Corps, Space Systems Command: *Space Systems Command, Enterprise Corps, Special Programs Cyber Experimentation Overview*

11.15 – 12.00: **U.S. Space Force**, Lt Col Joseph Pomager, Material Leader, Defensive Cyber Operations for Space, Enterprise Corps, Space Systems Command: *USSF DCO Data Access, Availability, and Response*

12.00 – 13.00: Break

13.00 – 14.00: **PANEL: Space Critical Infrastructure Concerns are a Cross-Sector Issue**

Moderator: Ryan Speelman, Principle Director, Cybersecurity Subdivision, **Aerospace Corporation**

Speakers: Kevin Coggins, Vice President, **Booz Allen Hamilton**

Frank Holloway, Senior Engineering Manager, **Boeing Phantom Works Space**

Sam Visner, Director of the National Cybersecurity Federally Funded Research and Development Center (NCF), **MITRE**

14.00 – 14.30: **U.S. Space Force**, Col Timothy Sejba, Program Executive Officer for Space Development, Space Systems Command

14.30 – 15.15: **Office for the Under Secretary of Defense, R&E D, DTE&A**, Sarah Standard, Cybersecurity/Interoperability Technical Director: *Cyber Test and Evaluation for Supply Chain Risk Management*

15.15 – 15.45: **U.S. Space Force**, Col John Smail, Senior Cyber Officer: *Cyber Integrated Space Operations*

15.45 – 16.00: **Aerospace Corporation**, Closing Remarks

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CyberSatGov Unclassified Agenda

WEDNESDAY, OCTOBER 6

**Unclassified Program will take place in-person at the Hyatt Regency Reston in Reston, VA*

08.30 – 09.00

Breakfast

09.00 – 09.40

Opening Keynote

David Luber will speak about the latest cyber threats and trends, their potential impact on the space/satellite industry, and how the government and the industry can work together to maintain a secure environment.

Speaker: David Luber, *Deputy, Cybersecurity Directorate, National Security Agency, (NSA)*

09.40 – 10.30

SolarWinds, Colonial Pipeline: Impact on Satellite Cybersecurity

In the last year, there have been two major cyber incidents that grabbed the world's attention – SolarWinds and the Colonial Pipeline. The impact of SolarWinds on the satellite sector is an active point of discussion. The Colonial pipeline hack, while not directly related to satellite, once again showcased the damage a major cyberattack can do. How has the current threat environment changed in light of these recent incidents? Join us for a thought-provoking opening panel where we look at the lasting impact of these events on the cyber community.

Moderator: Crystal Lister, *President, Cyberthreat Intelligence, Omniangle Technologies*

Speakers: Chris Simkins, *CEO and Co-Founder, Corsha*

Bryan Ware, *CEO and Founder, Nex5*

Brian Retherford, *Founding Partner, Touchstone Futures*

10.30 – 11.00

Networking Break

11.00 – 11.30

Government Agency Viewpoint

Thomas McDermott from DHS will give updates on the evolving cyber landscape, and where we'll go next.

Speaker: Thomas McDermott, *Acting Assistant Secretary in the Office of Cyber, Infrastructure, Risk, and Resilience Policy, U.S. Department of Homeland Security (DHS)*

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11.30 – 12.00

Office of the Director of National Intelligence: Conclusions of the Recent Report in the Satellite Arena

In April, the ODNI put out its latest threat assessment report that reflects the collective insights of the Intelligence Community. As one of the major reports focused on the most direct and serious threats to the United States in the next year, we breakdown some of its key findings and what actionable takeaways the satellite industry can glean from it.

Speaker: Christopher Porter, *National Intelligence Officer for Cyber*, Office of the Director of National Intelligence

12.15 – 13.45

Lunch and Keynote

Speaker: Chris Inglis, *National Cyber Director and Advisor to the President of the United States*

Sponsored by L3Harris Technologies

13.45 – 14.15

Dessert Break with Exhibitors

14.15 – 15.15

Security in LEO: Can the US Government Trust it?

To keep the satellite ecosystem secure, we must shift focus to ensure LEO satellites don't become a weak link. What security issues in the LEO arena must be considered as compared to traditional GEO satellites? This session explores the fears and opportunities from a US government perspective, as it evaluates the LEO environment in terms of commercial players and evaluating its own investments.

Moderator: Vince Walisko, *Chief Operating Officer, Optimal Satcom*

Speakers: Walt Everetts, *Vice President of Space Operations & Engineering, Iridium*

David Myers, *President and CEO, UltiSat*

J.J. Shaw, *Director, Telesat Government Solutions*

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15.15 – 16.00

Cloud and Data Processing: Space Systems Applications and Threats and Vulnerabilities Management

Industry leaders from Space ISAC will discuss how their platforms make entering the space market accessible, scalable, and how they are managing the threats and vulnerabilities to these cloud platforms. Additionally, they will tackle questions about how cloud services can offer more security and what end-users need to consider.

Moderator: Erin Miller, *Executive Director, SPACE ISAC*

Speakers: Frank Backes, *Senior Vice President for Federal Space Business, Kratos*

Lora Randolph, *Principal Program Manager, Microsoft*

Phil Robinson, *Chief Security Officer, Spacelink*

16.00 – 16.30

Networking Break

16.30 – 17.15

Supply Chain Risk Management: Keeping It Secure

Protecting the supply chain is clearly a major focus for the satellite industry, particularly when working with government customers. However, it is clear that the industry will continue to be targeted and vulnerabilities in the supply chain will be exploited. Learn about key supply chain issues and what the industry can do to keep their supply chains strong and secure.

Moderator: Cameron Over, *Partner and National Cybersecurity & Privacy Practice Leader, Cross Country Consulting*

Speakers: Vinit Duggal, *CISO, Intelsat*

Allan Friedman, *Director of Cybersecurity Initiatives, US Department of Commerce, NTIA*

Nick Rossmann, *Global Lead for Threat Intelligence, IBM Security X-Force*

JD Work, *Senior Advisor, Cyberspace Solarium Commission*

17.30 – 19.00

Networking Reception

Join your friends and colleagues for an evening of casual conversations. Talk about events of the day and take the opportunity to develop new relationships.

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THURSDAY, OCTOBER 7

08.30 – 09.00

Breakfast

09.00 – 09.40

The NASA Viewpoint

Rob Leahy will discuss cybersecurity from the NASA perspective.

Speaker: Rob Leahy, *Chief Information Officer and ITCD Director, NASA Goddard Space Flight Center (GSFC)*

09.40 – 10.30

Securing the Perimeter: Satellite Security Strategies Deciphered

Keeping satellite networks secure is an ongoing objective for the industry. These are complex networks with assets on the ground and in space. With more satellites than ever before being launched, there will be numerous challenges. In this discussion, we'll cover concepts such as 'Defense-in-Depth' and 'Zero Trust' in the satellite industry, and how companies are working to keep its myriad of networks secure as the threats increase.

Speakers: Shaun Waterman, *Cybersecurity Expert*

Mark Alphonso, *Manager, Business Development, L3Harris Technologies*

Steven Huang, *Space Lead, ManTech*

Keith Frederick, *Chief Information Security Officer, Viasat Energy*

10.30 – 11.00

Networking Break

11.00 – 11.30

Bipartisan Recommendations on the Future of Space on the Geopolitical Impacts of New Technologies and Data

Speaker: David Bray, *Executive Director, U.S. Bipartisan Commission the Geopolitical Impacts of New Technologies and Data*

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11.30 – 12.15

Cybersecurity Maturity Model Certification: Understanding Latest Requirements

Earlier this year, the DoD released its new CMMC requirements, billed by the undersecretary of defense for acquisition and sustainment as 'Version 1.0'. The US Government is giving new guidelines in terms of the expectations for cybersecurity, the metrics, and how it will audit for those expectations. We're gathering experts to break down the latest CMMC requirements and what satellite companies need to do maximize their opportunities with the US DoD.

Moderator: Vince Walisko, *Chief Operating Officer, Optimal Satcom*

Speakers: Andrew D'Uva, *President, Providence Access*

Justin Padilla, *Director, Cybersecurity Services, Kratos*

Jared Reece, *Cybersecurity Lead in the Commercial Satellite Communications Office, U.S. Space Force*

12.15 – 13.45

Lunch and Keynote: How to Move, Secure and Orchestrate your Space Tech Stack at the Pace of Relevance

Speaker: Nicolas M. Chaillan, *Chief Technology Officer, Former Air Force and Chief Software Officer, U.S. Space Force*

Sponsored by Kratos

13.45 – 14.15

Dessert Break with Exhibitors

14.15 – 15.00

Value of Space: How Space Systems' Critical Infrastructure Will Apply to Future National Critical Functions

As global policy changes, new National Critical Functions (NCF) might emerge, some of which will be directly or indirectly supported by space. In the current list of 55 NCF, several are space-based (PNT) and many are supported by space. Whether commercial satellites are the backhaul, the predominant systems of delivery, or the last mile, they are a critical part of the execution of the function. Panelists will share trends and insights into how they are evolving our dependency on space systems and provide recommendations for the current set of NCF.

Moderator: Erin Miller, *Executive Director, Space ISAC*

Speakers: Brandon Bailey, *Senior Cybersecurity Project Leader, The Aerospace Corporation*

Darren Garber, *Founder & CTO, Xplore*

Ron Keen, *Senior Advisor, U.S. Department of Homeland Security*

Sam Visner, *Director of the National Cybersecurity Federally Funded Research and Development Center (NCF), MITRE*

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15.00 – 15.30

Using Spacecraft Digital Twins for Cyber Security Testing

The presentation is a discussion about the need to increase cybersecurity testing of spacecraft and how digital twin technology like instruction set simulation can be used to fill that gap. We need bit and cycle accurate simulators that can execute unmodified binaries/software to perform valid threat emulation against spacecraft.

Speaker: Brandon Bailey, *Senior Cybersecurity Project Leader*, Aerospace Corporation

15.30 – 16.00

Closing Keynote

Speaker: Jared Reece, *Cybersecurity Lead in the Commercial Satellite Communications Office*, U.S. Space Force