



VALUE OF SPACE SUMMIT

Space Information Sharing and Analysis Center (Space ISAC) and The Aerospace Corporation are hosting a 2-day summit, the **Value of Space**, focusing on the importance of space critical infrastructure to people living on Earth now and in the future. This community event brings the public and private sector together to discuss critical infrastructure protection for the space sector from a variety of perspectives.

On **Day 1** we will dialogue with stakeholders from the U.S. Government, international partners, industry members, and ISACs to answer questions about what space critical infrastructure needs protection, how other sectors are using space assets, and to discuss emerging threats to space. [The Center for Space Policy and Strategy paper](#) will help inform the discussion. On **Day 2** we will review policies and legislation being pursued globally to secure the space mission.

The objective of the Space ISAC is to bring the global space together to identify and respond to threats and provide timely, actionable information to the entire space sector. Through this event we want to promote awareness of Space ISAC, increase the likelihood that space infrastructure is protected through reduced risk and active information sharing.

Please join the community as we come together at this Space ISAC virtual event.

Register | **Day 1**
October 15

Register | **Day 2**
October 16

Follow Space ISAC on Twitter, Facebook, and LinkedIn.



VALUE OF SPACE SUMMIT

October 15-16, 2020 | Day One

Value of Space: Critical Infrastructure and Threats

ALL TIMES MDT

8:00 am - Kick-off and Opening Remarks

Frank Backes, SVP, Kratos, and Chairman of Space ISAC

Ed Swallow, SVP, Civil Systems Group, The Aerospace Corporation, Space ISAC Board Member

Faith Chandler, Retired NASA Headquarters Deputy Senior Cyber Security Advisor for Space Mission Systems

8:30 am - Value of Space Paper Overview

Mick Gleason, PhD, Senior Project Engineer, The Aerospace Corporation

9:30 am - 10:00 am - Panel 1: Space Mission is Critical to Life on Earth

Moderator: Erin Miller, VP of Operations for Space ISAC, National Cybersecurity Center

Panelists: Tom Zelibor, Chief Executive Officer, Space Foundation

Shelli Brunswick, Chief Operating Officer, Space Foundation

Discussion topics: What are the economic impacts and market growth for space? What is the breakout by market? Which markets are seeing the biggest increase globally?

10:00 am – 11:00 am - Panel 2: What Defines Space Critical Infrastructure?

Moderator: Jamie Morin, Vice President, Defense Systems Operations, The Aerospace Corporation, and Director, Center for Space Policy and Strategy

Panelists: Wayne Monteith, Associate Administrator for Commercial Space Transportation, FAA

Dr. Frank Turner, Technical Director, Space Development Agency

Ronald Keen, Senior Energy Advisor, Cybersecurity and Infrastructure Security Agency, DHS

James Lowenberg-DeBoer, Elizabeth Creak Chair of Agri-Tech Economics, Harper Adams University

1:00 pm-2:00 pm - Panel 3: How are All the Sectors Using Space Assets?

Moderator: Scott Kordella, Senior Advisor Space Systems, MITRE

Panelists: Susan Rogers, Vice President of Business Resilience, Financial Services ISAC (FS-ISAC)

Scott Blough, Trusted Partner, Maritime Transportation ISAC (MST-ISAC)

Kathryn Condello, Senior Director, National Security / Emergency Preparedness, CenturyLink

Discussion topics: Perspectives from Critical infrastructure sectors (finance, maritime, communications, transportation) on space-enabled functionality. We'll answer questions about mission operations reliance on space assets, what aspects use PNT, satcom, and remote sensing. Also, discussion on how we currently conduct cross-sector sharing in ISACs, and how that is anticipated with Space ISAC.

2:00 pm-3:00 pm - Panel 4: What are All the Threats to Space Critical Infrastructure?

Moderator: Erin Miller

Panelists: Dr. Carolin Frueh, Associate Professor, Purdue

Andre Adelsbach, VP, Group Information and Cyber Security, SES

David Weissmiller, Senior Director - SME for Space & Cyber Development, Parsons

Discussion topics: Space ISAC and industry members will provide use cases, TTPs, and thoughts on how to buy down industry risk.

VALUE OF SPACE SUMMIT

October 15-16, 2020 | Day Two

Value of Space: Critical Infrastructure and Threats

ALL TIMES MDT

9:00 am-10:00 am – Executive Order on Reliable PNT

Jim Platt, Chief, Strategic Defense Initiatives, EMP/PNT/GMD Space Weather/Space Risks, National Risk Management Center, DHS Cybersecurity and Infrastructure Agency

10:00 am-10:15 am – The Administration’s Efforts to Enhance Space Cybersecurity

Jaisha Wray, Associate Administrator, Office of International Affairs, NTIA

11:00 am-12:00 pm – NIST PNT Profile RFI Update

Suzanne Lightman, Sr. Advisor, Information Security, NIST

1:00 pm-2:00 pm - Landscape of Space Standards

Moderator: Marlon Sorge, Principal Scientist, The Aerospace Corporation

Panelists:

Dan Oltrogge, Director, Center for Space Standards and Innovation, Analytical Graphics, Incorporated

Jim McCabe, Senior Director, Standards Facilitation, American National Standards Institute

2:00 pm-3:00 pm - Quantum in Space

Dr. Joe Touch, Senior Distributed Systems Architect, The Aerospace Corporation

Ian D’Souza, Principal Scientist R&D – Missions, Instruments, and Payloads, Honeywell

3:00 pm-4:00 pm - Technology Update – Space R&D and Capabilities Supporting Critical Infrastructure Smallsats

Moderator: Catherine Venturini, Sr. Project Leader, Science & Technology Strategy and Development, The Aerospace Corporation

Panelists:

Lt. Gen. Larry James USAF (Ret.), Deputy Director of NASA Jet Propulsion Laboratory

Chris Henson, Technical Leader, Space & Weapons Cybersecurity Solutions, National Security Agency – Joint Duty Assignment OUSD (A&S) C4ISR Directorate

Chris Paul, Small Satellite Portfolio Lead, Air Force Research Laboratory Space Vehicles Directorate

Steve Nixon, President, Small Sat Alliance

4:00 pm-4:30 pm - Closing Remarks and Upcoming Events

Presenter: Erin Miller

Our Founding Members:



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