



## 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

### 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**, Former NASA Deputy Cybersecurity Advisor

### 8:30 am - Value of Space Paper Overview

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

### 9:00 am - 9:30 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 Operations 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?

### 9:30am - 10:30am - 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

### 12:30pm-1:30pm - 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 (FS) ISAC

**Scott Blough**, Trusted Partner, Maritime Transportation (MT) ISAC

**Discussion topics:** Perspectives from Critical infrastructure sectors (finance, critical manufacturing, energy, agriculture, 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.

### 1:30pm-2:30pm - 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

### 9:00am-10:00am – 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

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

**Suzanne Lightman**, Sr. Advisor, Information Security, NIST

### Break

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

**Joseph Touch**, Senior Project Leader, The Aerospace Corporation

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

### 3:00pm-4:00pm - 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

### Our Founding Members:

