Our efforts to build partnerships with commercial industry

- J8 Memo to Industry
- ICD/Requirements Framework
- Establishment of USSPACECOM Industry Engagement Portal
- Facilitate collaboration with Military Services, various Combatant Commands, government agencies, national laboratories, allies, academic partners, and innovative organizations
- Provide Letters of Support, assist with development of MOUs and Collaboration Agreements for small business concerns pursuing capabilities that align with USSPACECOM challenges and priority needs
- Help commercial industry bridge the capability gap "Valley of Death" between current SBIR/STTR Phase II efforts, resulting in SBIR/STTR Phase III scaling efforts that facilitate the delivery of strategic capabilities

Opportunities where commercial industry can help us

- Tell us about your organization, its capabilities, and Research and Development (R&D)/Independent Research and Development (IR&D) activities
- Deliver ready and relevant space services and capabilities
- Keep space innovation going – collectively determine how we can do things better, faster, and less expensive
- USSPACECOM seeks to leverage commercial capabilities to achieve our goals of:
  - Mitigating capability gaps
  - Improving space architecture resiliency
  - Gaining and maintaining technological advances over our adversaries

USSPACECOM J8 Contact #:

(719) 374-9388, 9389, 9390, 9394

PARTNER WITH US

To discover what you can do to support U.S. Space Command's Mission, scan the QR Code to connect with our Industry Engagement Team.

UNCLASS:
https://www.spacecom.mil/Partnerships-and-Outreach/Industry-Engagement-Portal

USSPACECOM
Capability and Resource Integration Directorate (J8)

Mr. Thomas A. Lockhart
Director

Mr. Richard L. Palmer
Deputy Director

Overall Classification: UNCLASSIFIED

Overview

The USSPACECOM Capability and Resource Integration Directorate (J8) advocates for capabilities and funding in support of the Command's mission requirements.

Mission

The USSPACECOM J8 is a team of national security professionals that efficiently manages resources, conducts cutting edge analytics, establishes critical warfighter requirements, and advocates for decisive capabilities to deter aggression and, if deterrence fails, defeat an adversary.

Focus Areas

J81 - Advance Warfare Capability & Resource Analysis Division
- Commercial Integration
- Modeling & Simulations
- Future Studies & Analysis
- Technology Experimentation & Demonstrations

J82 - Resource Integration Division
- Program & Budget Review
- Resource Strategy & Messaging
- Integrated Priority List (IPL)

J83 - Resource Management & Comptroller Division
- Financial Management
- Contracting

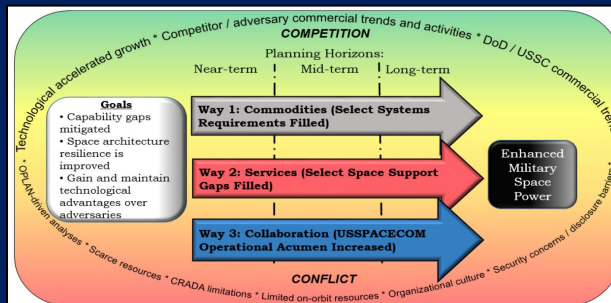**J84 - Combat Power Capabilities Division**
- Program Monitoring & Advocacy

J85 - Global Warfare Requirements Division
- Program Monitoring & Advocacy

J86 - Information Mobility Requirements Division
- Program Monitoring & Advocacy

USSPACECOM Commercial Integration Strategic Approach Framework

Way 1 – Commodities.

USSPACECOM seeks to leverage commercial capabilities to mitigate operation plan (OPLAN)/contingency plan (CONPLAN) capability gaps, prioritizing: command and control and battle management systems, information technology systems to include artificial intelligence (AI)/machine learning (ML) and big data management, modeling & simulation systems, space control systems, and satellite communications (SATCOM) satellites and terminals.
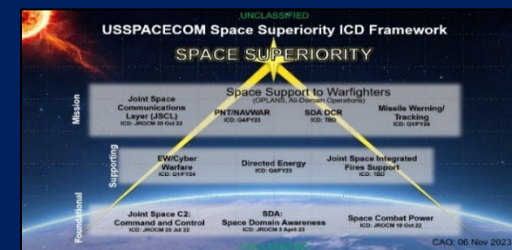
Way 2 – Services.

The government may own licenses to an output (data, bandwidth, imagery, etc.) but does not own the capabilities or platforms. Where appropriate, USSPACECOM seeks to integrate commercial capabilities, prioritizing: operational intelligence, Space Domain Awareness, COMSATCOM bandwidth, remote sensing, modeling & simulation, AI/ML, quantum computing and encryption, environmental monitoring, and alternate positioning, navigation, and timing. Such services can be integrated into existing operations conducted by USSPACECOM.

Way 3 – Collaboration.

Commercial partnerships enable information exchanges with industry partners so the warfighter can rapidly and accurately respond to on-orbit crises, fill gaps in coverage of existing DoD sensors, share lessons learned, improve resiliency, and provide a comprehensive threat picture for the National Command Authority and other strategic leaders.

USSPACECOM Initial Capabilities Document (ICD) / Requirements Framework

Quantifies needed capability requirements and gaps associated with operational risks across the joint force

FY26 USSPACECOM Priorities & Mission Needs
- Resilient, Timely Space Operational Command & Control (C2)
- Integrated Space Fires and Protection
- Modernized, Agile Electronic (EW) Architecture
- Enhanced Battlespace Awareness for Space Warfare
- Space Systems Cyber Defense
- Persistent and Resilient Intelligence, Surveillance, and Reconnaissance ISR)
- Communications and Data Transport Capacity – All Bands
- Global Sensor Management: Integrated Sensor Tasking and Data Retrieval
- Resilient Satellite C2 Architecture
- Operational Intelligence

FY27 USSPACECOM Priorities & Mission Needs
- Integrated Space Fires
- Enhanced Battlespace Awareness for Space Operations
- Resilient, Timely Operational Space Command & Control
- Space Systems Cyber Defense
- Assured Satellite Telemetry, Tracking & Control Architecture
- Sustained Space Operations & Maneuver
- Flexible Satellite Communications
- Modern, Agile Electronic Warfare Architecture
- Missile Defeat Effects
- SATCOM Ground Enterprise