

Space Enterprise Consortium

Other Transaction Authority (SpEC OTA) Overview

19 January 2024

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Program Manager
SSC/SZII



- Space Enterprise Consortium (SpEC) Background and Purpose
- What is Other Transaction Authority
- DoD / Consortium Relationship
- SpEC Membership
- SpEC Past Performance
- Questions

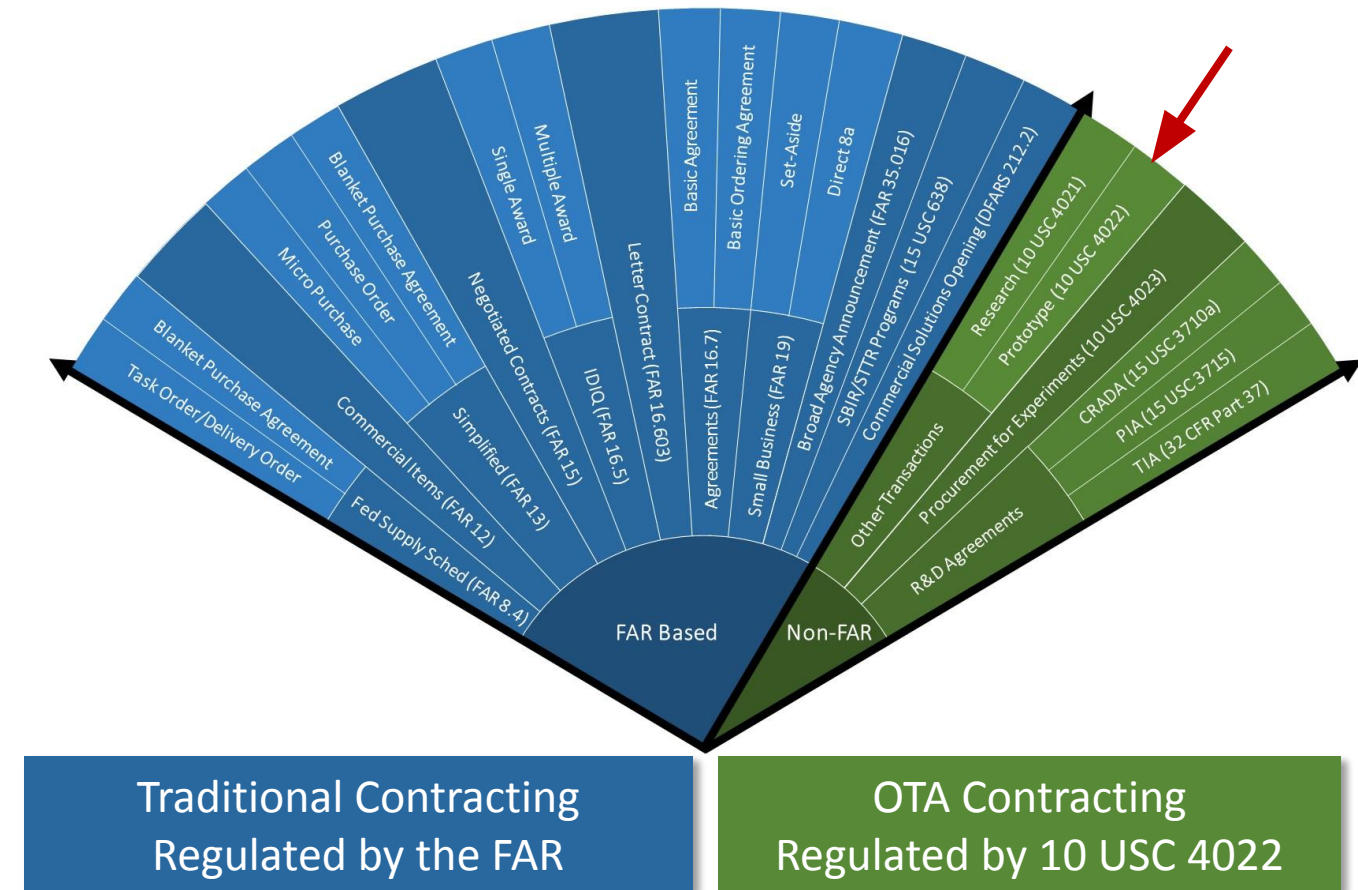
Background and Objectives

- **Background:** SpEC was established in 2017 to improve the timeline from solicitation to award for Department of Defense (DoD) prototypes.
- **Objectives** of SpEC include but are not limited to:
 - Minimize barriers to entry for small businesses and non-traditional vendors to work with the U.S. Government.
 - Identify and realize teaming opportunities among entities to promote integrated research and prototyping efficiencies.
 - Reduce the cost and improve capability insertion of space-related prototypes.

What is an OTA?

Other Transaction Authority (OTA)

- Procurement instruments other than contracts, grants, or cooperative agreements enabling **flexible** business arrangements to acquire R&D to support technology advancement or to **quickly** develop a **prototype**.
- Competitive practices are applicable.
- Mechanism to access **innovative R&D**, especially from ***non-traditional [defense] contractors** who may be challenged by traditional contracting and associated barriers to entry.
- Increased **speed, flexibility, and accessibility** for research and prototyping activities.

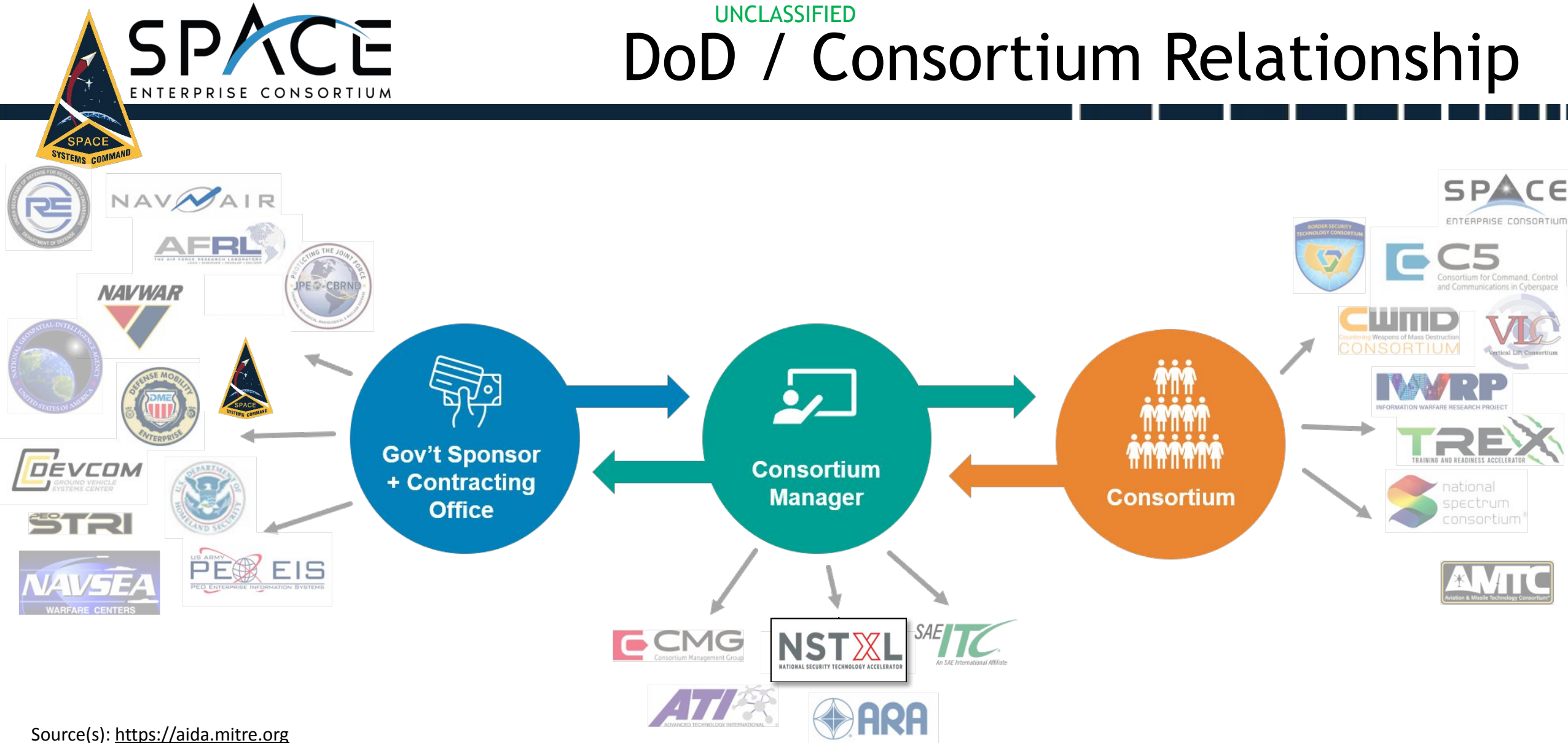


*Business unit that has not, for a period of at least one year prior to the date of the OT agreement, entered into or performed on:

- (1) any contract that is subject to full coverage under the cost accounting standards prescribed pursuant to section 26 of the Office of Federal Procurement Policy Act (41 U.S.C. 422) and the regulations implementing such section; or
- (2) any other contract in excess of \$500,000 to carry out prototype projects or to perform basic, applied, or advanced research projects for a Federal agency, that is subject to the Federal Acquisition Regulation.

Source(s): <https://aida.mitre.org>, <https://aaf.dau.edu/aaf/contracting-cone/>

DoD / Consortium Relationship




Source(s): <https://aida.mitre.org>

Focused on innovative solutions to government technology challenges that meet specific scope

SpEC “Marketplace”




SpEC OTA exists to minimize barriers to entry for nontraditional defense contractors with innovative capabilities that would benefit the DoD Space community through Space prototype development.




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Enterprise Space Terminal (EST)

Space Systems Command (SSC) is excited to announce the release of an upcoming solicitation for the Enterprise Space Terminal (EST) project to develop terminal prototypes for space-to-space crosslinks to enable communication path resiliency and architecture interoperability by employing a standardized waveform.




Application Programming Interface Gateway

API Gateway prototype that provides real-time bi-directional data transformation/translation for legacy and modern formatted data into modern API endpoints (e.g., JSON) in formats defined by connected data libraries, and to be able to translate from modern API endpoints (e.g., JSON) back to legacy data formats.




Enterprise OPIR Solution (EOS)

The United States Space Force's Space Systems Command is seeking information on an Enterprise OPIR Solution (EOS). This solution should be capable of building upon and rapidly evolving the current Mission Data Processing Application Framework while maximizing return on existing Government investments.



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This opportunity is now closed

Thank you for your interest in this opportunity; however, this opportunity is currently closed. Please note that all documentation pertaining to this project is no longer available for distribution.

SpEC - Tetra-5

The Tetra program supports the prototyping of new technologies and Tactics, Techniques and Procedures (TTPs) in support of the Department of Defense (DoD)

PROJECT TIMELINE

Coming Soon Notice:	December 1, 2021 12:00 pm PST
RFS Release:	March 3, 2022 12:00 pm PST
Q&A Responses:	January 19, 2022 12:00 pm PST
Solution due:	April 19, 2022 12:00 pm PST
Award Notice:	July 22, 2022 12:00 pm PST
Innovator NETWORK:	December 8, 2021 12:00 pm PST
Project TALX:	March 10, 2022 1:00 pm PST

AWARD NOTICE

responding to the

Upcoming Events

Office Hours

March Office Hours with Mike Brockly

March 28 at 1 PM ET

Office Hours are a member-only forum for you to speak with a subject matter expert and get your questions answered. Come ask Director of Project Success, Mike Brockly all your questions about project performance and milestone progress!

[ADD TO CALENDAR](#)

Webinar

SpEC Forecasting with JaNay Mills and Major Duddles

Wednesday, March 29th | 9 AM PT / 12 PM ET

Join us for a webinar where JaNay Mills, SpEC Director and Major Duddles, our new Program Manager for SpEC under Space Systems Command, will be discussing goals for this year and upcoming projects info within the SpEC OTA.

Take advantage of the opportunity to meet Major Duddles, ask questions, and learn more about SpEC opportunities.

[REGISTER](#)

Event

FORGE C2 Project TALX

April 12-13 El Segundo, CA

The Space Systems Command team is excited to invite you to a hybrid event for FORGE C2, which you can join virtually or in El Segundo, CA.

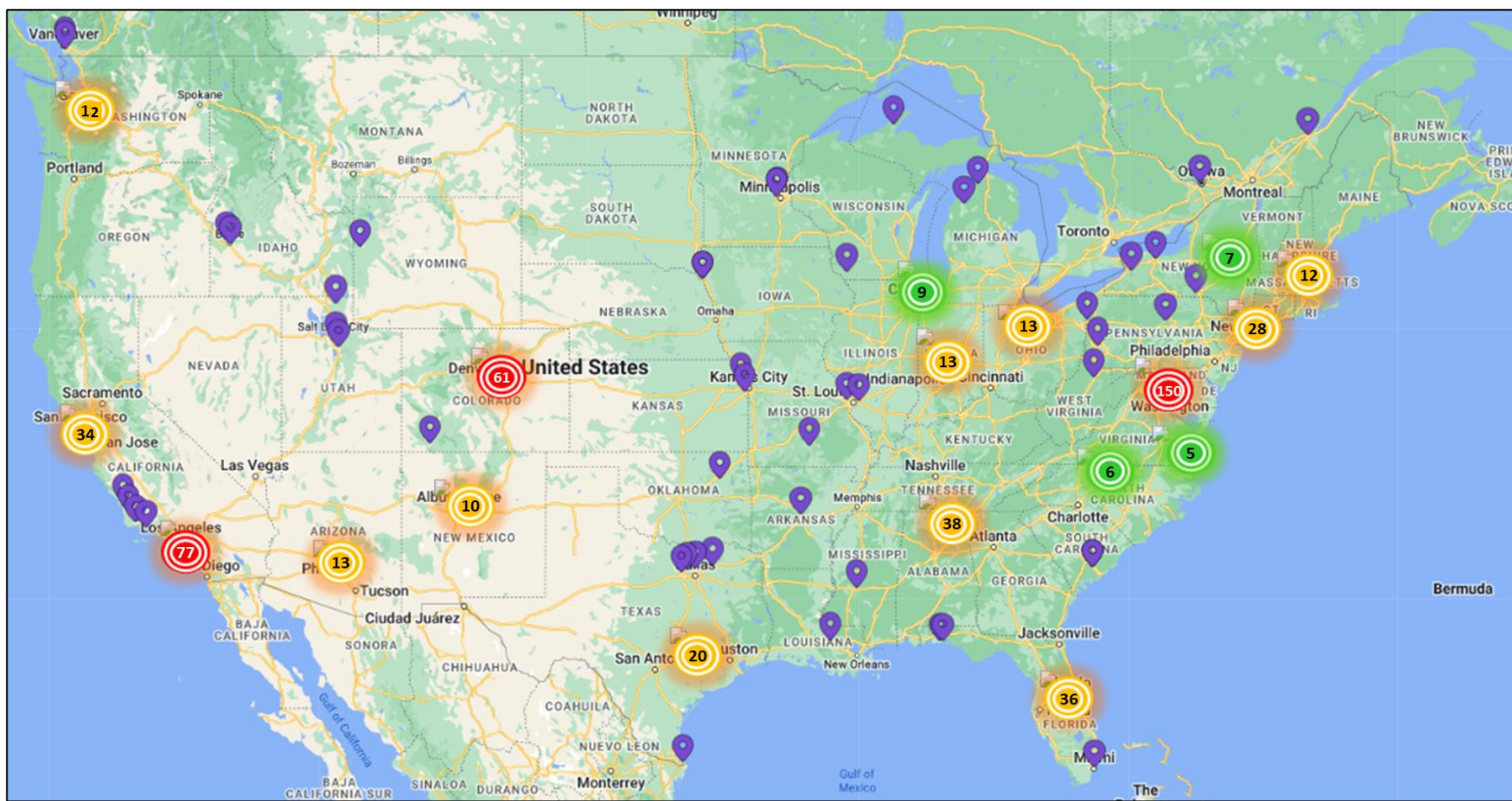
During this multi-day event, the FORGE C2 Government team will dive into the intent behind the RPP and then meet with members one-on-one to conduct proprietary, technical discussions.

*Please note: one-on-one meetings are for technical discussions and are not the venue to pitch your solution to the Government team.

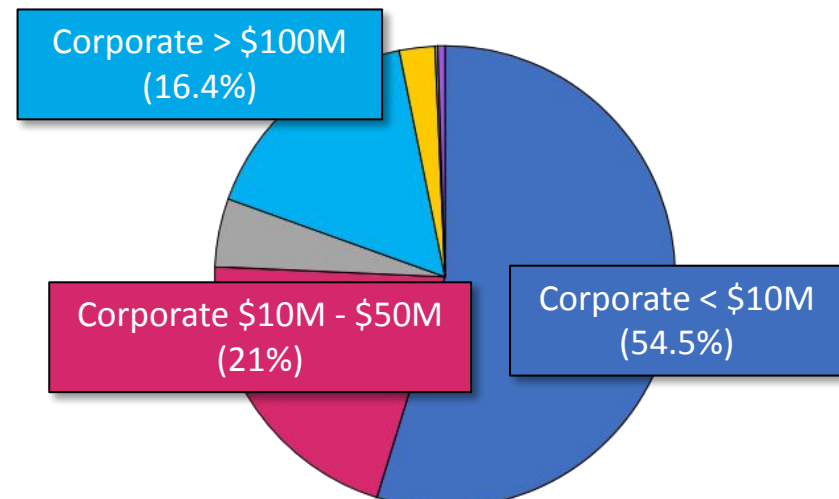
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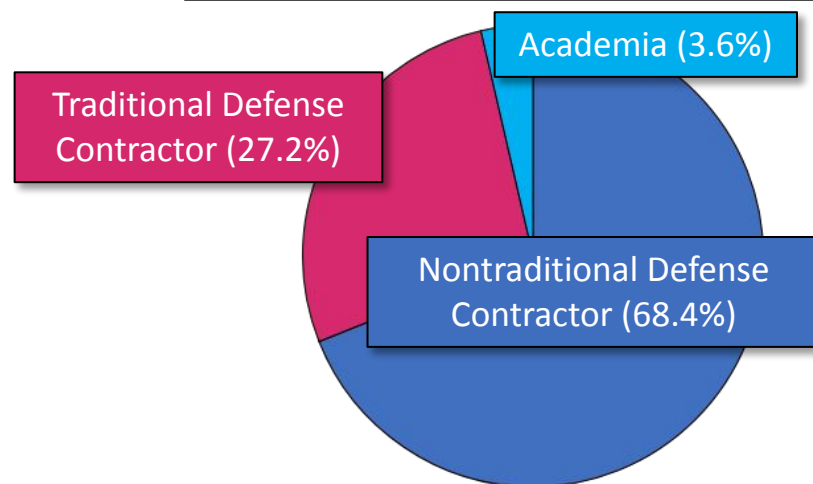
Membership "Heatmap"



Membership by Annual Revenue



Membership by Business Type



SpEC Past Performance

593

*Total Member
Companies*

\$3.4_B

*Total
negotiated
value since
inception*

116

*Total awards
since inception*

9

*Average Consortium
responses per
solicitation*

4.5

*Average # of
teamed members
per response*

155

*Average calendar
days from RPP
release to award*

10 *Prime Responses*

52 *Teamed Members*

4 *\$9.5M Awards*

ALL DOMAIN, SPACE

Space Force taps 4 firms to vie for missile warning C2 prototype

The Space Force expects the multi-faceted Future Operationally Resilient Ground Evolution (FORGE) program to cost a total of \$2.4 billion.

Four Companies to Lay Groundwork for Future Missile Warning Systems Under FORGE C2

November 9, 2023

SPACE
ENTERPRISE CONSORTIUM

Future Operationally Resilient Ground Evolution Command and Control (FORGE C2)

STATUS: AWARDED



Respondents by Business Type

Traditional Defense Contractor (19%)

Large Non-Traditional Defense Contractor (17%)

Small Nontraditional Defense Contractor (63%)

SpEC Opportunities

	Title	Organization	Status
Projected / Active	Evolved Strategic SATCOM Mission Planning Application	MILSATCOM & PNT	Industry Day 1/11
	Enterprise Resource Manager	BMC3	On-going Market Research
	Enterprise OPIR Solution	Space Sensing	Projected CY24 Solicitation Release
	Multi-Mission Advanced RADAR Capability	SDA & Combat Power	On-going Market Research
	API Gateway Translation Service	BMC3	Draft Solicitation Released 4QCY23
	Enterprise Space Terminal	SDA & Combat Power	Draft Solicitation Released 4QCY23
Recently Closed	NSTTC-E	STARCOM	Projected award CY24
	Emergent Cubesat Technology	SDA & Combat Power	Projected award CY24

*NOTE: All opportunities can be viewed in further detail at the SpEC member portal (login required)

*NOTE: Become a member at <https://space-enterprise.org>

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UNCLASSIFIED

Questions



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Website

<https://space-enterprise.org/>

Online Application

<https://nstxl.org/membership/>