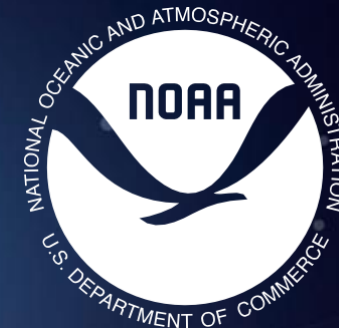


IRALSS

Traffic Coordination System for Space

Office of Space Commerce
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce



Objective: Receive Feedback from Industry on Acquisition Approaches for SI/Cloud Services Contract

Agenda:

- Welcome/Introductions and Logistics
- Intro to the Traffic Coordination System for Space (TraCSS) Program
- Overview of the SI/Cloud Services Requirement
- Presentation of Acquisition Options
- Draft Timeline for Acquisition
- Closing Remarks

Introductions

Questions during briefing session can be put in the chat. We will try to get to as many as possible in the time frame allocated.

Written submissions/comments are due October 14 at 5pm Eastern to [“tracss.commerce@noaa.gov”](mailto:tracss.commerce@noaa.gov)

- General Questions and Answers will be publicly shared via the TraCSS website
- Specific feedback will NOT be shared publicly

Requested one-on-one sessions will be scheduled before October 14, 2024

- Only one session per company will be scheduled
- Opportunity for company to provide feedback and input verbally
- No additional information about the SI activity will be provided
- The discussions will focus on feedback and comments related to the system integrator role and acquisition. **NOTE: Will NOT be discussing any other acquisitions or future plans.**

TraCSS Program Objectives



Relieve DoD of responsibility for SSA coordination of burgeoning global commercial space industry

Provide “Basic SSA Services” in a manner that promotes safer space operations

Encourage US Commercial SSA leadership and rely on commercial SSA providers to the greatest extent possible

Establish and maintain a resident space object data repository from which all basic services will be derived and utilized for international coordination purposes

Conduct R&D activities that will advance the science and technology of SSA

Promote global SSA standards and best practices

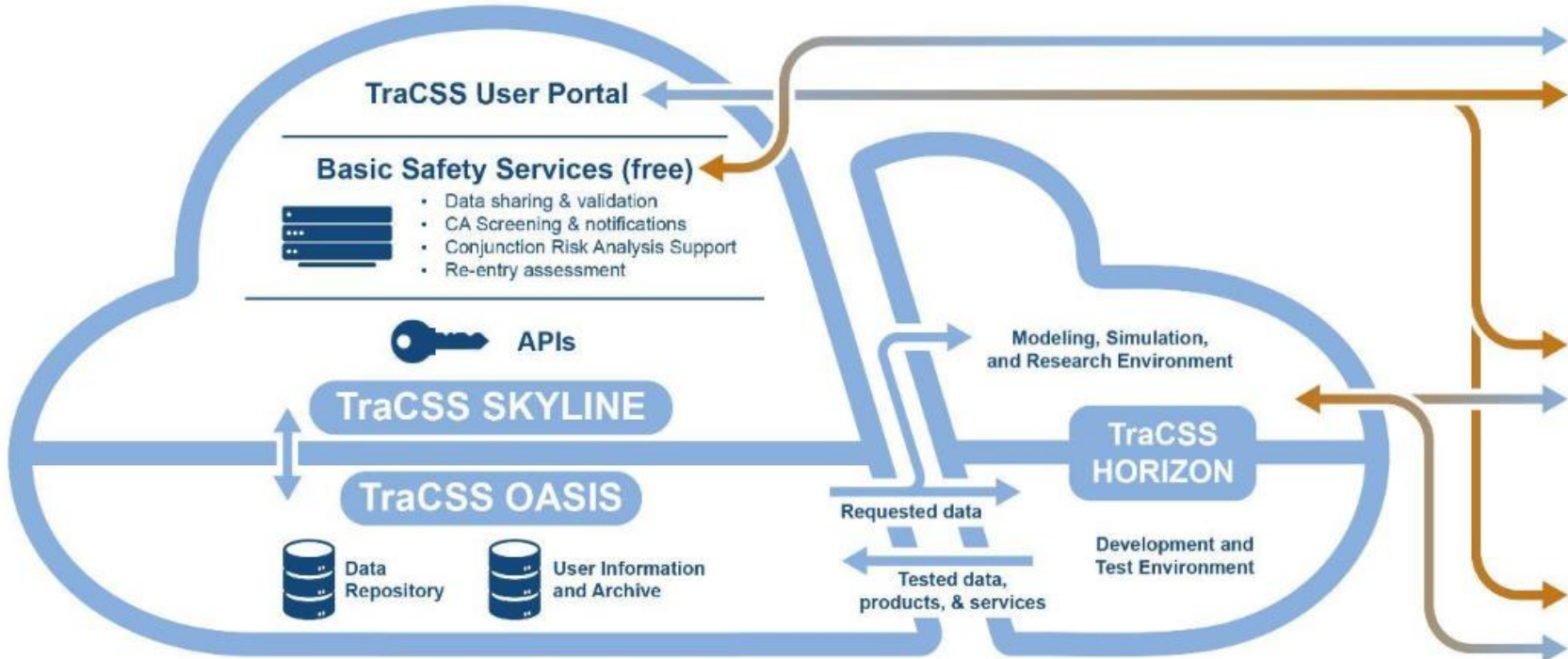
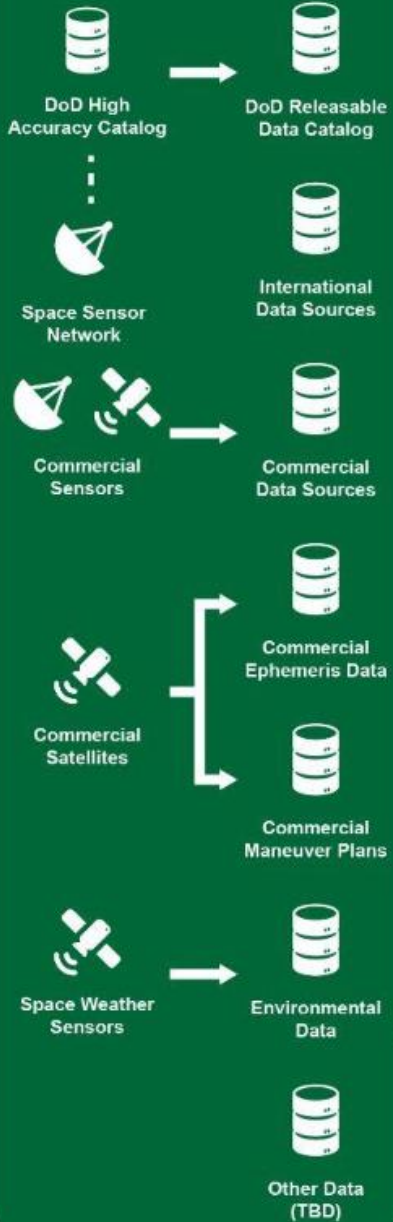
Driven by spaceflight safety, space sustainability, and international coordination

TraCSS Program Approach



- Integrate and coordinate DoD/DOC priorities into the program scope
- Apply Scrum Agile methodology to maximize value delivery for the stakeholders
- Deliver initial capability by the end of FY24
- Acquisition strategy must support a long-term competitive environment
- Maximize DoD/DOC coordination to leverage decades of DOD experience
- Hire the right staff/skill sets
- Establish standards
- Engage the commercial SSA community
- Explore and identify metrics that will define safety levels
- Engage the user community

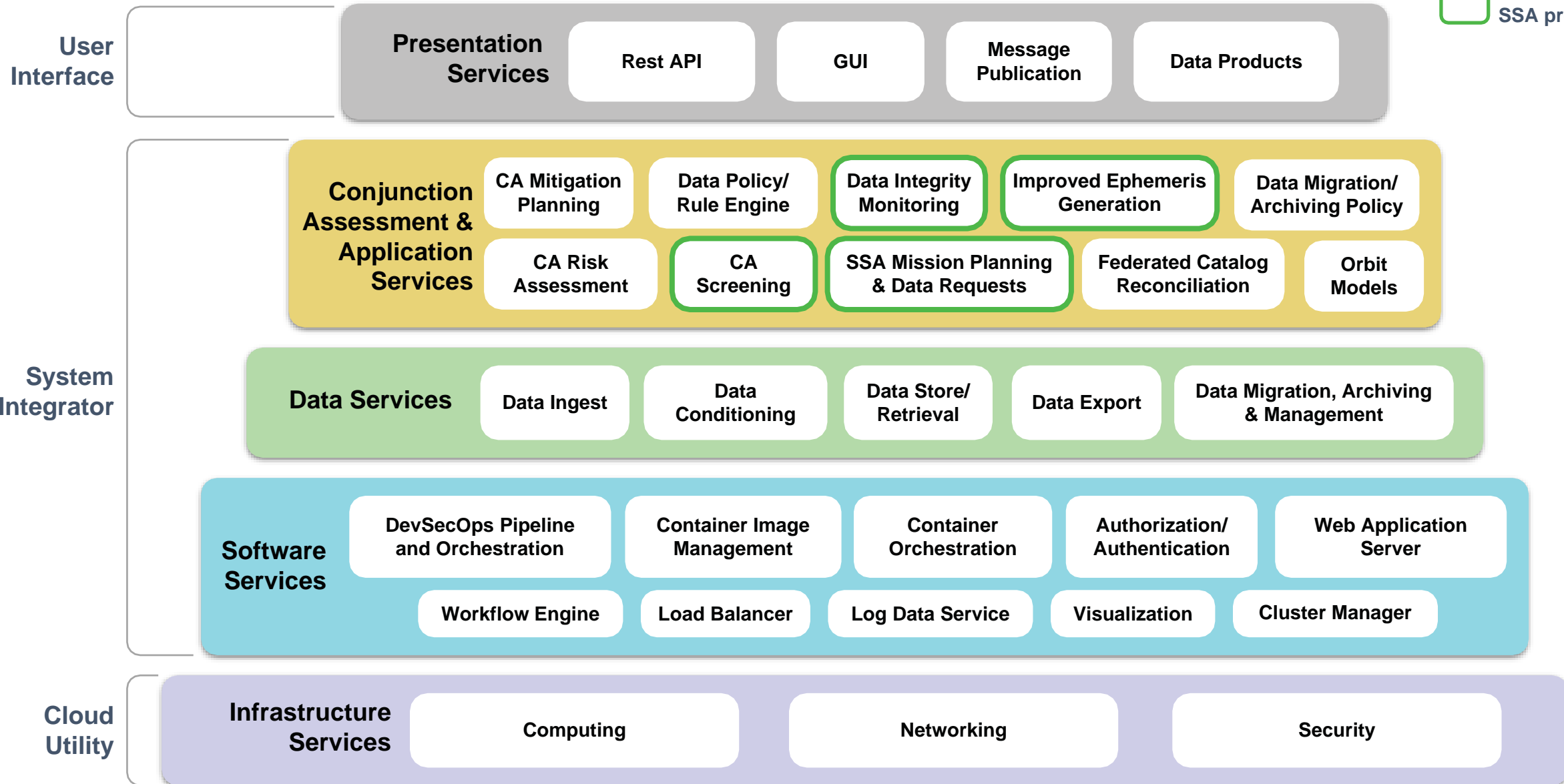
Data Sources



Phase 1 End Configuration



Commercial SSA provider



System Integrator High Level Requirements



- Provision/manage cloud services (Gov cloud acquired separately)
- Build, maintain, evolve, and document all system APIs
- Maintain the Authority to Operate for the system, including all applicable security requirements
- Have extensive scrum agile development program/operational experience
- Have Space Situational Awareness technical/program/operational experience
- Develop, evolve and maintain the OASIS data repository
- Maintain, evolve and optimize system workflows for mission delivery
- Develop, evolve and maintain the DevTest environment to onboard new capabilities
- Integrate third party SSA services contracted by the government
- Integrate presentation layer contracted by the government
- Develop, evolve and maintain the Horizon archive/research environment
- Day-to-day system administration for operations support
- Configuration control and up-to-date documentation of the system

OSC Conflict of Interest Policy



- The System Integrator vendor CANNOT be a provider/offeror of Space Situational Awareness (SSA) provider for data and services for the TraCSS program.
- The System Integrator vendor CANNOT be a cloud provider/offeror for the TraCSS program.
- The System Integrator vendor CANNOT be a provider/offeror for the presentation layer for the TraCSS program.
- If the System Integrator vendor provides/or is engaged in as a sub-contractor to the vendor providing contracted services for operations to execute the mission, there must be a mitigation plan to address any potential conflict of interest.
- If the System Integrator vendor provides/or is engaged in as sub-contractor to the vendor providing data quality monitoring services for the operational system, there must be a mitigation plan to address any potential conflict of interest.

Acquisition Scenarios



NOAA intends to conduct open market research using SAM.gov as to not restrict access or information for any prospective offerors. We will review the results to see if there are common GWACs or GSA Federal Supply Schedules from the competitive pool of offerors. We want your feedback with regards to our acquisition strategy!

We have no preconceived notions. We want a **COMPETITIVE** and **FLEXIBLE** environment for the program.

Single Award Contract or Agreement

Contract awarded to one offeror

Offeror is required to subcontract % of work to its subcontractors

Recompete every year or two years

Multiple Award IDIQ, BPA, or Multiple Task Order Awards

IDIQ or BPA with competition for each task area

Single solicitation with multiple awards envisioned for different work to many vendors

Recompete tasks every year or two years, term incentives can be gained, consider on ramping

Any other options?

DRAFT Acquisition Timeline



Date	Activity
October 1, 2024	SI/Cloud Services Industry day re: acquisition strategy input
Early November	RFI, including PWS, for comment on SAM.gov
January 2026	Contract Award
February 2026	Contract Start

Closing Remarks



Comments due: October 14, 5pm Eastern
Submit at: tracss.commerce@noaa.gov

Contact info:

Sayed Hashimi, Contract Specialist
sayed.hashimi@noaa.gov

David Marks, Contracting Officer
david.marks@noaa.gov