

Overview: Why does NASA buy commercial satellite data?

Enhances our science and applications and makes unique contributions to our mission.

Combined approaches are powerful.

NASA's fleet provides innovative, first-in-kind observations; global coverage; open access to data, calibration, analytics; and robust validation that sets the world's measurement standards and forms the backbone of Earth-system science and applications.

Commercial data is an important complement to our fleet that increases the pace of discovery by offering higher spatial resolutions, more frequent observations, and other complementary measurements.

NASA partners with other federal agencies to maximize the value of commercial data purchases for all.

How does NASA help the commercial space sector?

Acquiring, evaluating, using, and archiving the data.

NASA's evaluations of commercial data are trusted by the data providers, private sector, and user community.

NASA's broad expertise in observations, instruments, and calibrations, as well as the research & application uses, help the providers understand their data.

NASA's purchases represent a critical revenue stream for some companies.

CSDA Program Mission

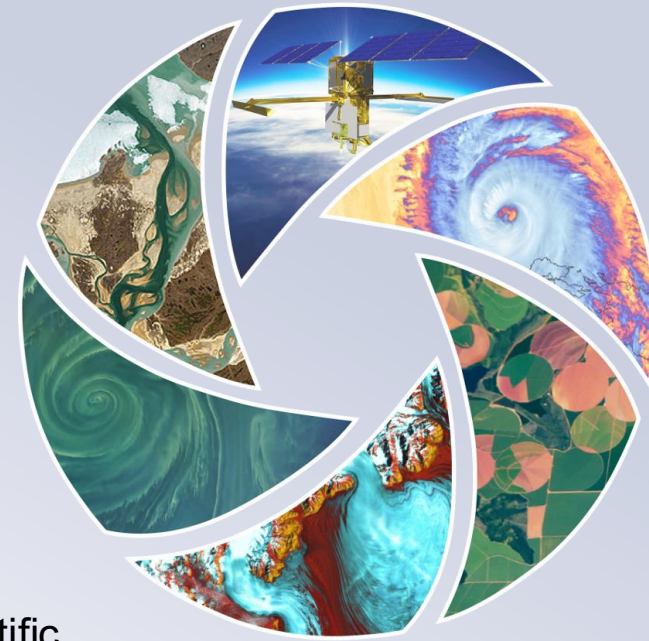
Identify, evaluate, and acquire commercial satellite data that support NASA's Earth science research & application goals.

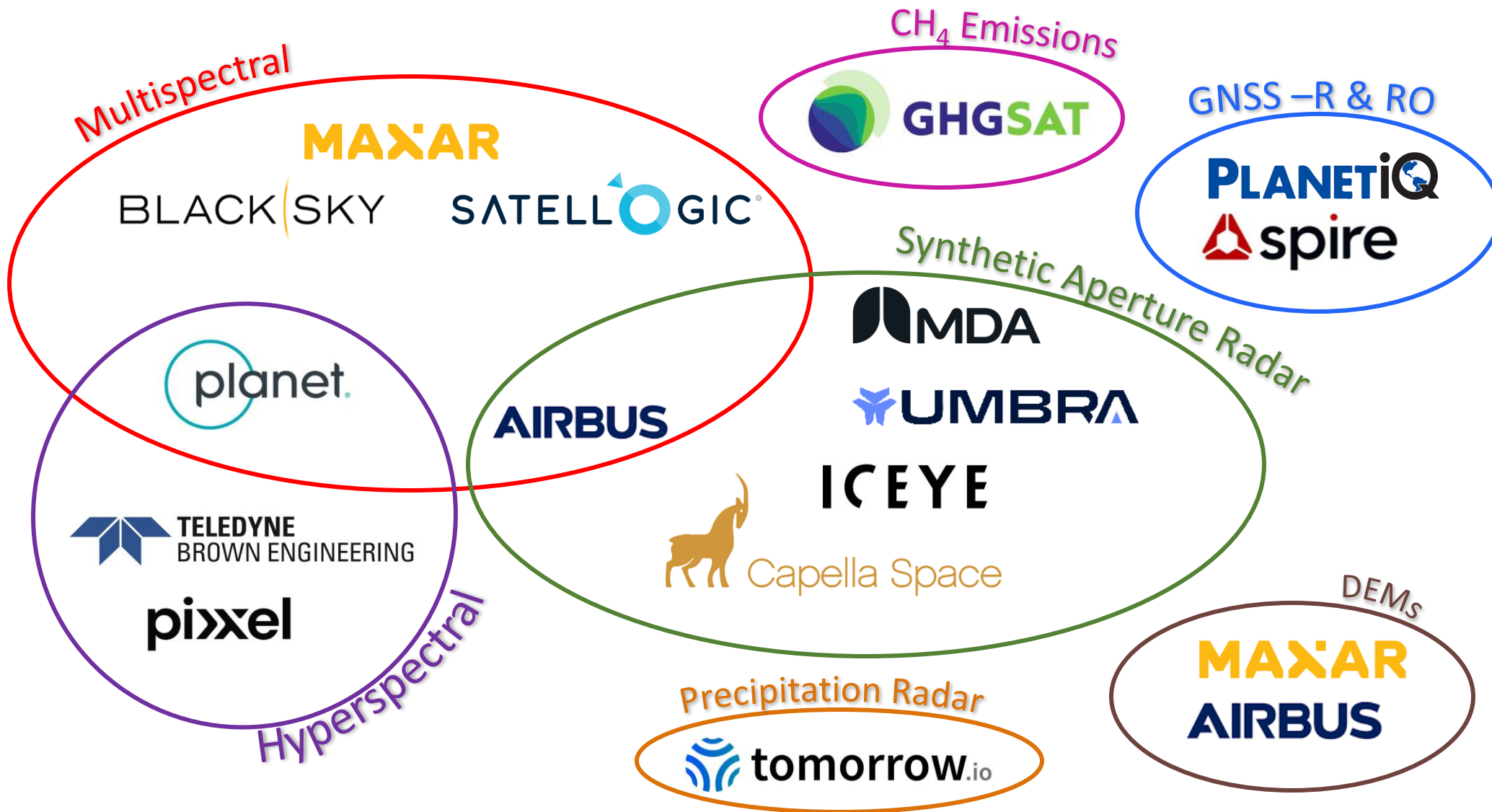
CSDA Program Goals

- Establish a continuous and repeatable process to on-ramp new commercial data vendors.
- Enable sustained use of purchased data for broader use and dissemination by NASA scientific community.
- Ensure long-term data preservation, access and distribution of purchased data and long-term access for scientific reproducibility.
- Coordinate with other US Government agencies and international partners on the evaluation and scientific use of commercial data.
- Compliance with 2003 US Commercial Remote Sensing Policy

NASA's CSDA program introduction webinar held on August 28.

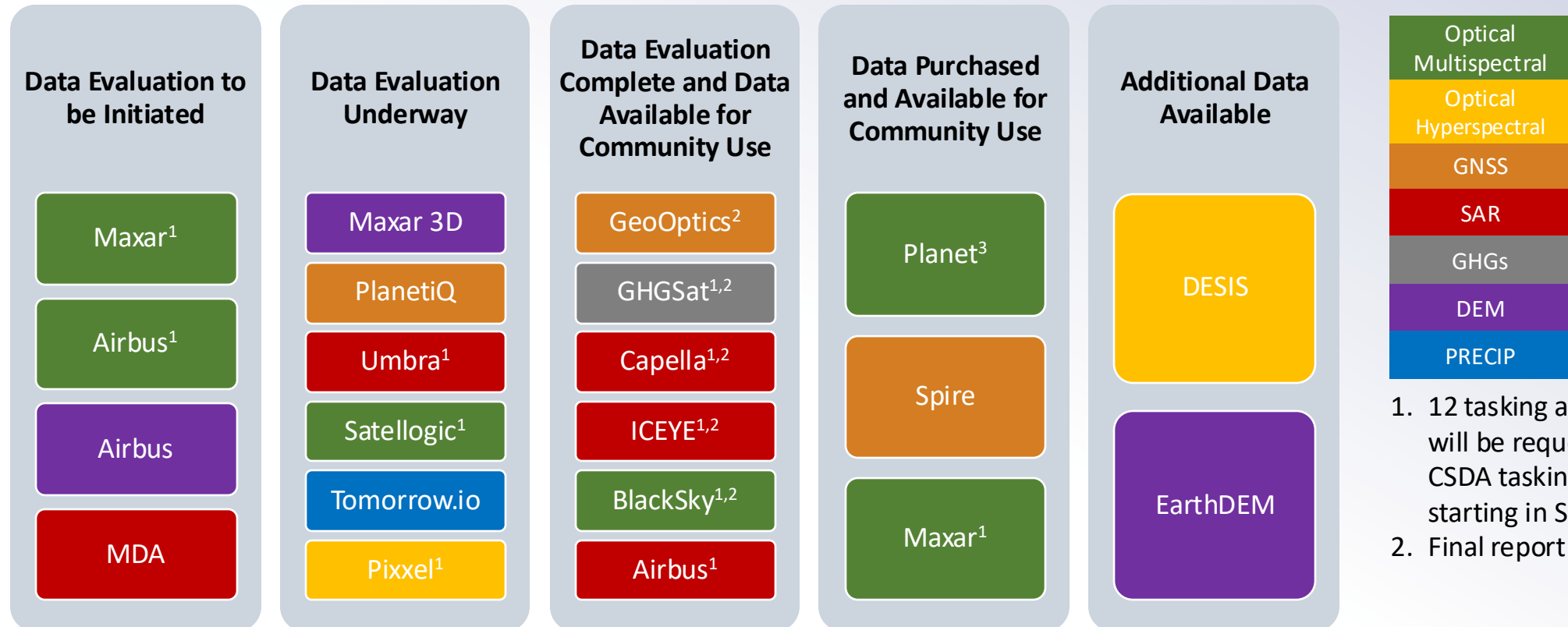
Recording: [Commercial Satellite Data Acquisition Program - YouTube](#)





CSDA Program Highlights

- All new business is on-ramped via Indefinite Delivery Indefinite Quantity (IDIQ) process. Competitive task orders will be issued for vendors to propose under the established a three-tier of End User License Agreement (EULAs): Public Release, U.S. Federal Government Plus, U.S. Federal Government
- Improving our collaborations with federal partners, as well as international partners.
- CSDA-acquired data is also being integrated into Earthdata Search for improved discoverability along side NASA supported mission and project data.



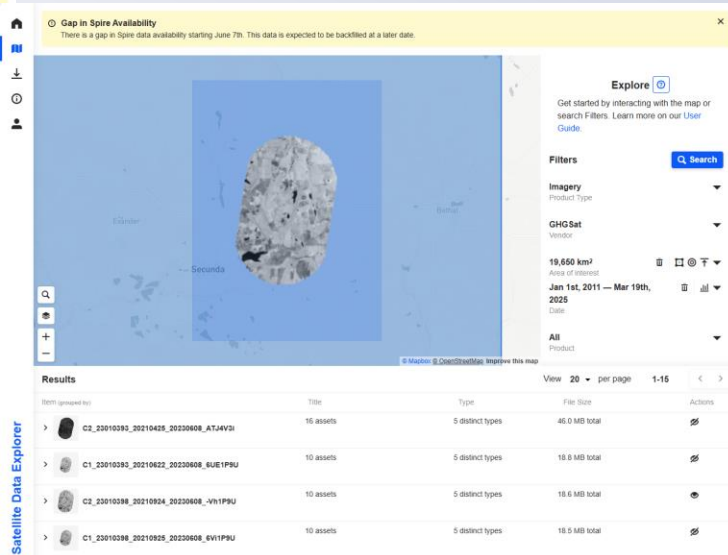
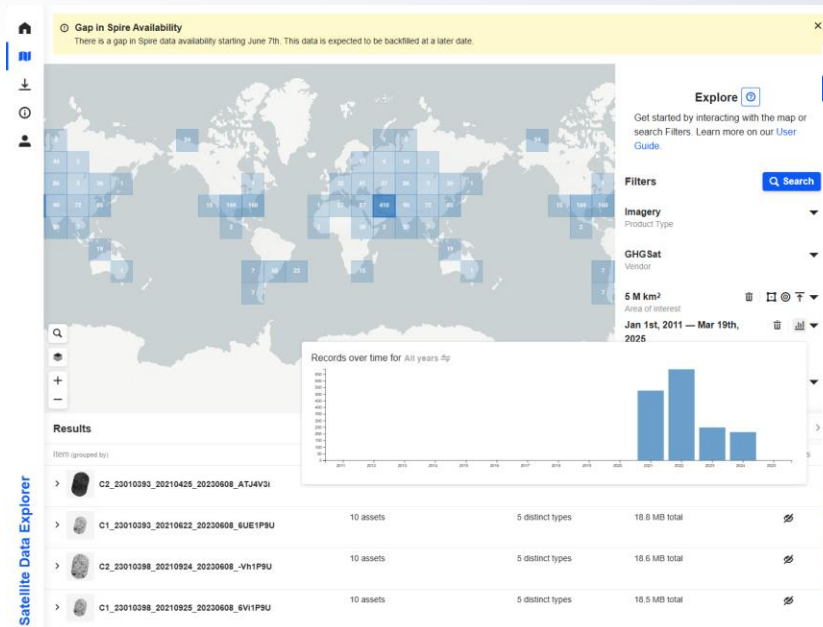
1. 12 tasking assets – tasking will be requested through CSDA tasking system starting in Spring, 2025
2. Final report pending

ICEYE Contract and Data Access

- CSDA started evaluating and acquiring ICEYE data in 2023 when they were awarded a BPA contract as part of On-Ramp 3 in September 2022 for evaluation. As a result, we about to release our PI evaluation report and Quality Assessment Report for the SAR data.
- ICEYE is now part of the IDIQ contract as of September 2024. Under the IDIQ, and since the evaluation briefing concluded, they are able to provide data through competitive task orders.
- Data that was downloaded is in the process of being made available through the CSDA Satellite Data Explorer (SDX) interface and will be released with the reports.
- If you qualify for data access under our EULA, you can get authorization through the CSDA website:
<https://csdap.earthdata.nasa.gov/signup>

Satellite Data Explorer (SDX):
Web interface for central search,
discovery, and distribution of CSDA
data

<https://www.earthdata.nasa.gov/data/tools/satellite-data-explorer>



ICEYE



Alexandra Gloria
Program Manager



Alvah Bickner
Product Manager



Dr. Tom Mitchell
SAR Scientist