

How Can You Obtain NASA Networks Services?

Although networks services can be obtained at any point in the mission life cycle, we recommend that communication and coordination between customer representatives and service providers begin as early as possible to ensure maximum return with minimal complications.

Contact the Chief of the Networks Integration Management Office to initiate the process for obtaining networks services. A Network Integration Manager (NIM) will be assigned to serve as your single point of contact throughout the service acquisition process. Your NIM will work with you and your representatives to guide you in determining the services appropriate to your individual mission needs. The selection of services may depend on several factors, including customer requirements and characteristics, cost considerations, and resource availability. Once you have honed in on the set of services you require, we will assist you in documenting your requirements and in preparing an official agreement for services.



Customers

Most of the projects we support are earth-orbiting spacecraft, or launch or suborbital vehicles. We also support a number of terrestrial- and sea-based science experiments. Here is a partial list of customers we have supported in the past 5 years:

NASA Centers
NOAA
NSF
JAXA
CNES
Department of Defense
Boeing
Lockheed Martin



Contact Information

The Networks Integration Management Office is part of the Exploration and Space Communications Projects Division in the Flight Projects Directorate at NASA Goddard Space Flight Center.

To request information or services, please contact

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National Aeronautics Space Administration



integration management services for NASA's networks

What is the Mission of the Networks Integration Management Office?

The Networks Integration Management Office (NIMO) at Goddard Space Flight Center serves as a liaison for spacecraft and scientific customers needing access to NASA's communications networks. NIMO integrates NASA's networks services to find communication solutions that meet your technical and budgetary requirements.

NIMO can also coordinate support from service providers throughout NASA, as well as US agencies, foreign governments, and US commercial entities.

Near-Earth Communications Networks

NASA operates two near-earth communications networks: the Space Network and the Ground Network. These networks provide telemetry, tracking, and command services for missions operating in the near-earth region.

Space Network

The Space Network (SN) is a data communication system comprised of a constellation of Tracking and Data Relay Satellites (TDRS) in geostationary orbit. The SN can provide near-continuous coverage throughout a mission's orbit.

See <http://scp.gsfc.nasa.gov/sn> for more information.

Ground Network

The Ground Network (GN) is a data communication system comprised of NASA, commercial, and foreign communications stations positioned at strategic locations around the globe. The GN can support a wide variety of data rates.

See <http://scp.gsfc.nasa.gov/gn> for more information.

Capabilities

- Support customer communication needs throughout the project lifecycle - from formulation through closeout
- Negotiate scope of networks requirements through all mission phases
- Coordinate operational requirements for tracking, telemetry, and command assets owned by NASA as well as other entities
- Assist in developing Space Act agreements, feasibility analyses, loading studies, and radio frequency analyses
- Ensure system readiness through testing and simulations

