PRESS RELEASE

November 20, 2026

NTT, Inc.

NTT and SSC Space Sign MoU to Advance a Global Optical Ground Station Network for Reliable Space Optical Communications

Collaboration to connect and leverage optical ground stations around the world



Tokyo, Japan, November 20, 2026 — NTT, Inc. (“NTT”) today announced that it signed a memorandum of understanding (MoU) with SSC Space AB (“SSC Space”), a global provider of advanced space services, on November 11, 2026 to explore the potential for medium- to long-term collaboration on optical communications between space and the ground.

Under the MoU, the companies will combine NTT’s optical communications and network control technologies with SSC Space’s global ground station infrastructure and operational expertise. The collaboration will examine optical ground station[1] interoperability[2], site diversity[3], and related areas. Looking ahead, the companies aim to enable multiple optical ground stations to work together flexibly and create an optical communications infrastructure that provides seamless connectivity from space to the ground.

Background and Objectives

As the use of space expands through satellite constellations, Earth observation, and other applications, communications infrastructure capable of transmitting the large volumes of data generated in space to the ground at high speed and with high reliability is becoming increasingly important.

Although optical communications between space and the ground are expected to deliver higher speeds and greater capacity, they can be affected by weather conditions such as cloud cover. Flexible use of multiple geographically distributed optical ground stations is therefore essential.

NTT has expertise in optical communications and network control technologies, while SSC Space has global ground station infrastructure supporting both optical and radio frequency communications, together with extensive operations and orchestration expertise. The companies signed the MoU to explore an optical communications infrastructure that combines these complementary strengths.

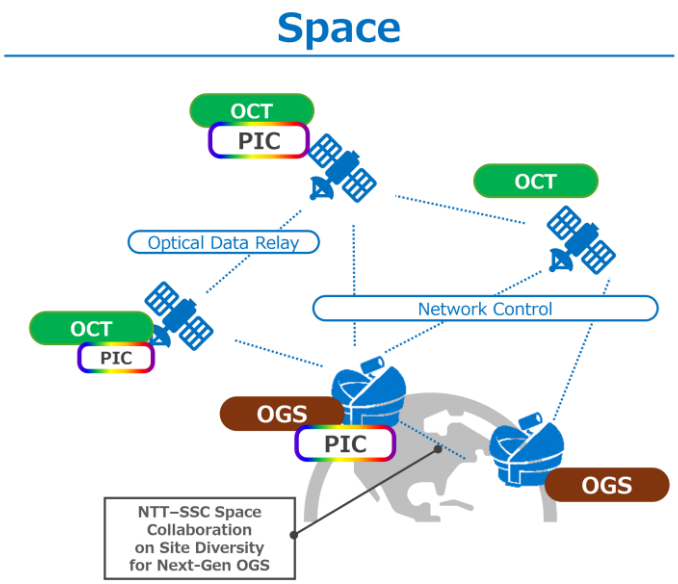
Scope of the Collaboration

NTT and SSC Space will exchange information on the optical satellite communications market, customer needs, and technology trends. They will also examine interoperability between their respective technology and service environments, site diversity, and service integration with terrestrial networks.

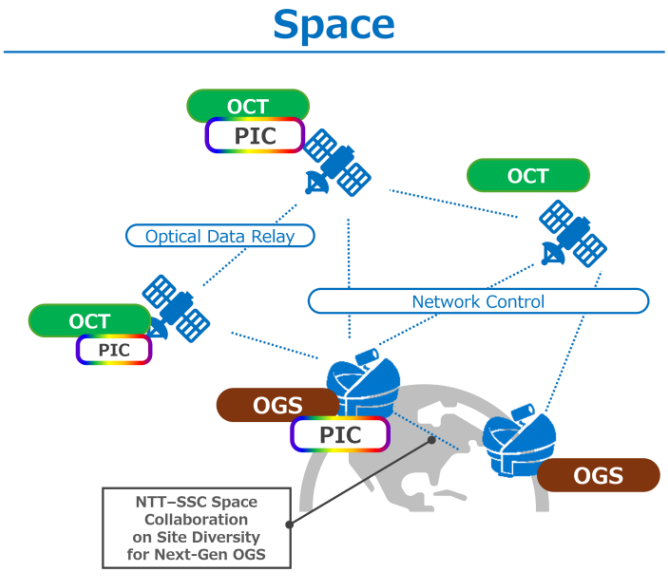
Future Development

NTT aims to combine space-based optical communications terminals, optical ground stations, terrestrial optical networks, data centers, and network control technologies to realize an end-to-end optical communications infrastructure that provides seamless connectivity from space to the ground.

Through collaboration with satellite constellation operators, optical ground station providers, telecommunications carriers, data center operators, and a broad range of other partners, NTT also aims to build an open and scalable ecosystem for space optical communications.
NTT will continue to address social infrastructure challenges using satellites under the NTT C89[4] brand.



Through this collaboration, NTT and SSC Space will contribute to the practical implementation of optical satellite communications infrastructure and the growth of new space communications markets.



Comments from the Companies

“The widespread adoption of optical satellite communications will require not only high-performance optical ground stations, but also mechanisms for connecting and operating them on a global scale. With ground station infrastructure around the world and a long track record of supporting global satellite communications, SSC Space is a highly valued partner in advancing this initiative. Through this collaboration, we will explore site diversity and interoperability across multiple optical ground stations. By combining SSC Space’s global business platform and broad

expertise in the space sector with NTT's optical communications and network technologies, we aim to contribute to an optical communications infrastructure that provides seamless connectivity from space to the ground."

Minako Tsumenaga
Senior Vice President, Head of Alliance Department,
Research and Development Market Strategy Division, NTT, Inc.

"This agreement marks a significant milestone for SSC Space in optical communications and reflects our investments in this innovative business segment. NTT's world-leading position and global reach make it a highly valued partner. We look forward to exploring how our optical ground station infrastructure and expertise can support NTT's efforts to advance space-to-ground connectivity and meet customers' evolving communications needs."

Charlotta Sund
President and CEO, SSC Space AB

Notes

1. Optical ground station (OGS): Ground-based equipment that uses laser light for communications between satellites and the ground.
2. Interoperability: The ability of technologies, equipment, systems, or services from different providers to work together through common interfaces, operating methods, or other mechanisms.
3. Site diversity: A method that uses multiple geographically distributed optical ground stations and switches to another station capable of communication when one site is unavailable because of weather conditions such as cloud cover.
4. "NTT C89" is a trademark of NTT, Inc. The name is an abbreviation of "NTT CONSTELLATION 89 PROJECT," an initiative that seeks to expand space-related businesses and contribute to the development of the space industry as a whole by providing solutions to society. This release is one of the initiatives under NTT C89, the brand for space businesses developed by NTT Group companies. https://group.ntt/en/aerospace

About NTT

NTT is a leading global technology innovator, providing a broad range of services to both consumers and businesses. As a mobile operator and provider of infrastructure, networks, and services, NTT is dedicated to promoting a sustainable future through cutting-edge innovations. Our portfolio includes business consulting, AI-powered solutions, application services, global networks, cybersecurity, data center and edge computing, all supported by our deep global

industry expertise. Generating over $90 billion in revenue and employing 340,000 professionals, we allocate 30% of our annual profits to fundamental research and development. With operations spanning more than 70 countries and regions, our clients include over 75% of Fortune Global 100 companies, alongside thousands of enterprises, government organizations, and millions of consumers.

About SSC Space

SSC Space is a leading global provider of advanced space services in space-to-Earth connectivity, mission operations, system engineering, science services and rocket testing and launch services – a trusted end-to-end mission partner and employer of choice, recognized for reliability, expertise and enabling mission success. We help customers worldwide access space. For over 50 years, SSC Space has been a driving force in the evolution of Space technology. With local presence on all continents and about 800 committed employees, we enable successful space projects in Earth observation, telecommunications, security, meteorology, navigation and positioning, scientific research and other applications. With one of the world's most flexible and dependable global ground station networks, we provide a comprehensive portfolio of ground segment services throughout the spacecraft mission lifecycle, supporting satellite operators and launch service providers from our high- and low-latitude stations around the globe. Among our strongest assets is Esrange Space Center in northern Sweden, one of the world's most versatile space centers, and aspiring to become a leading provider of satellite launch services from mainland Europe. We help Earth benefit from Space. For more information, visit www.sscspace.com.

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