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View from the Top

Toru Maruoka, President and Chief Executive Officer, NTT Communications

▼ Abstract

As a member of the new DOCOMO Group, NTT Communications provides clients with one-stop-shop services and solutions by combining the Group's resources and offerings under the enterprise-business brand "docomo business." We interviewed Toru Maruoka, president and chief executive officer of NTT Communications, who is promoting digital transformation in society and industry, about the direction and strategies of NTT Communications.



Front-line Researchers

Jun-ichi Kani, Senior Distinguished Researcher, NTT Access Network Service Systems Laboratories

▼ Abstract

In Japan, against the backdrop of the spread of high-definition video-streaming services and network applications such as cloud storage and work applications, the provision of high-speed communication services is gaining pace, and the research and development of optical access networks to support these services is under high expectations. Jun-ichi Kani, a senior distinguished researcher at NTT Access Network Service Systems Laboratories is playing a leading role in researching and developing new optical access networks for the beyond fifth-generation mobile communication system (5G)/6G era. We interviewed him about the progress of his research activities and his approach to research.



Feature Articles

Activities toward Zero Environmental Impact and Environmental Adaptation to Build a Resilient Society

R&D of Innovative Technologies in Space, Environment, and Energy

▼ Abstract

It has been two years and seven months since NTT Space Environment and Energy Laboratories was established with the aim of creating innovative technologies for regenerating the global environment and achieving a sustainable and inclusive society. During this time, we have proposed many unconventional research themes heretofore nonexistent at NTT laboratories and have been active in establishing specific themes, setting up systems, and bringing people together. At long last, NTT Space Environment and Energy Laboratories is taking shape. This article takes a new look at Earth from the viewpoint of space and describes the current state of various challenges to be met to change the future of the global environment.

