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View from the Top

Toru Takama, President & CEO, NTT Anode Energy Corporation

▼Overview

NTT Anode Energy is promoting the smart energy solution business, which leverages the resources and information and communication technologies possessed by the NTT Group. Two years after its establishment, the company is striving to contribute to resolving social issues, such as environmental and population problems, revitalizing industry, and building a sustainable society. We interviewed Toru Takama, president and chief executive officer of NTT Anode Energy, about the progress of business to promote and expand renewable energy and the mindset of top management.



Front-line Researchers

Yasushi Takatori, Senior Distinguished Researcher, NTT Access Network Service Systems Laboratories

▼Overview

Future networks are expected to provide high-speed, large-capacity communications and enormous amount of computing resources that exceed the limits of the conventional network infrastructure. To meet these expectations, NTT is conducting research and development on the Innovative Optical and Wireless Network (IOWN), a future information-processing infrastructure that includes user's terminals. Yasushi Takatori, a senior distinguished researcher at NTT Access Network Service Systems Laboratories, is taking on the challenge of innovating wireless access toward the 6G (six-generation mobile communication system) era, which will be an essential component of IOWN. We asked him about his research activities and his attitude as a researcher.



Feature Articles

Toward a New Form of Coexistence between the Real World and Cyberworld

Research and Development of Digital Twin Computing for Creating a Digitalized World

▼Abstract

The Digital Twin Computing Research Project aims to make Digital Twin Computing, a key component of the Innovative Optical and Wireless Network (IOWN) initiative promoted by NTT, a reality. We established four grand challenges to achieve this objective and have been conducting research and development to meet each one. This article outlines each grand challenge and associated technologies and describes horizontal activities across these challenges.

