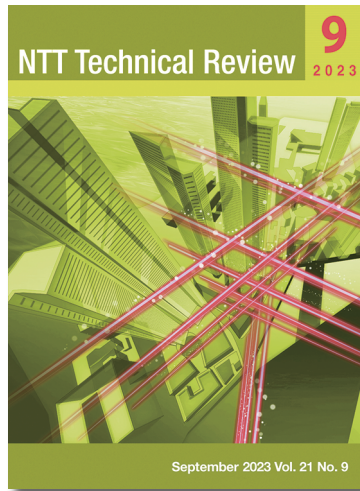


<https://www.ntt-review.jp/archive/2023/202309.html>



## View from the Top

- ▶ Teruyuki Kishimoto, President & CEO, NTT Anode Energy

## Front-line Researchers

- ▶ Noboru Harada, Senior Distinguished Researcher, NTT Communication Science Laboratories

## Rising Researchers

- ▶ Takashi Matsui, Distinguished Researcher, NTT Access Network Service Systems Laboratories

## Feature Articles

### Launch of APN IOWN1.0 Service

- ▶ APN Service-provision Activities
- ▶ Road to IOWN at NTT EAST
- ▶ NTT WEST's Efforts in Providing APN Services
- ▶ Delay Managed Network for APN IOWN1.0

## Feature Articles

### Keynote Speeches and Workshop Lectures at Tsukuba Forum 2023

- ▶ NTT as a Creator of New Value and Accelerator of a Global Sustainable Society
- ▶ Past and Future Prospects for Advanced Operation of Access Network Facilities
- ▶ Low-latency and Energy Efficient Technologies for New Optical Access Networks
- ▶ Wireless Technologies for Accelerating High-capacity Transmission, Low Energy, and Application-area Expansion

## Global Standardization Activities

- ▶ A Report on ASTAP and WTSA-24 Regional Preparatory Meeting

## View from the Top

### Teruyuki Kishimoto, President & CEO, NTT Anode Energy

#### ▼Abstract

Under thorough environmental, social, and corporate governance management, NTT Anode Energy maximizes the potential of renewable energy and promotes Earth-friendly economic activities. As a new player in the energy field, the company is driving the NTT Group's efforts to reduce its environmental impact. We interviewed Teruyuki Kishimoto, president & CEO, NTT Anode Energy, about the company's core businesses and his mindset as a top executive.



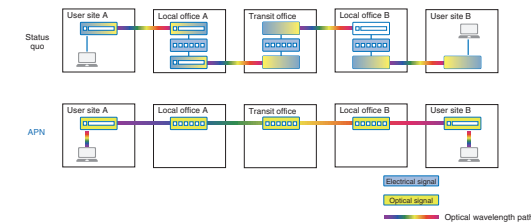
## Feature Articles

### Launch of APN IOWN1.0 Service

#### APN Service-provision Activities

#### ▼Abstract

In March 2023, NTT EAST and NTT WEST launched APN IOWN1.0, the first-version service of the All-Photonic Network (APN), which is one of the major technology areas that comprise the Innovative Optical and Wireless Network (IOWN). APN IOWN1.0 provides ultra-low latency and enables the visualization and adjustment of latency with microsecond granularity. This article describes the position of the newly introduced APN service within the IOWN concept and the value the service provides. It also presents typical use cases and an overview of the service.



## Feature Articles

### Keynote Speeches and Workshop Lectures at Tsukuba Forum 2023

#### NTT as a Creator of New Value and Accelerator of a Global Sustainable Society

#### ▼Abstract

The first commercial service of the Innovative Optical and Wireless Network (IOWN), IOWN1.0, was launched in March 2023. This article introduces its accomplishments as well as the future that will be possible with its successors IOWN2.0, 3.0, and beyond. This article is based on the keynote speech given by Katsuhiko Kawazoe, NTT senior executive vice president, at Tsukuba Forum 2023, held on May 17 and 18, 2023.

