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- Hideki Yamamoto, Senior Distinguished Researcher, Basic Research Laboratories, NTT, Inc.

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- Hajime Okamoto, Distinguished Researcher, Basic Research Laboratories, NTT, Inc.

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View from the Top

Takashi Ebihara, Executive Vice President, Head of Technology Planning, Chief Information Officer, and Co-Chief Artificial Intelligence Officer, NTT, Inc.

▼ Abstract

The Technology Planning Department at NTT operates under the guiding principle of "transforming from an organization that merely discusses technology into one that continuously converts technology into societal and business value." Competition in the era of artificial intelligence (AI) is no longer about the superiority of individual technologies; instead, it is a contest based on the ability to design and keep orchestrating ecosystems. Takashi Ebihara, NTT executive vice president, head of technology planning, is leading the Department's efforts to compete globally through real-world implementation of technology by leveraging NTT's strengths as a full-stack enterprise for the AI era—offering everything from components to datacenters, networks, AI computing platforms, and solutions—and by evolving the Innovative Optical and Wireless Network (IOWN) into AIOWN, an AI-native infrastructure built on IOWN. We spoke with him about the Department's focus areas and the mindset that guides it.



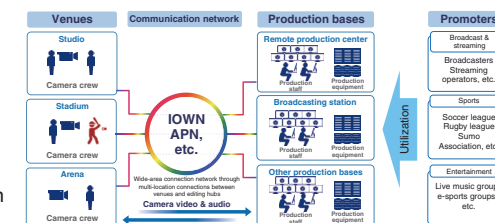
Feature Articles

Remote Media Production Using the IOWN APN

IOWN-related Technologies in Video Production

▼ Abstract

With the advancement of various broadcast video production methods, such as remote and virtual production, there is a growing demand for communication environments capable of transmitting large volumes of data such as video and audio to remote locations with low latency. In this article, we focus on IOWN (Innovative Optical and Wireless Network)-related technologies, centered on the AI-Photonics Network, and explain how to support digital transformation in video production.



Regular Articles

Co-creative and Technological Approaches to Reducing Dementia-related Stigma

▼ Abstract

This article introduces two approaches aimed at eliminating prejudice against people living with dementia. One is a co-creation approach carried out jointly with high school students and individuals with dementia, and the other is a technological approach to addressing biases embedded in generative AI (artificial intelligence). We will continue investigating these approaches to help reduce prejudice and discrimination against social minorities.

