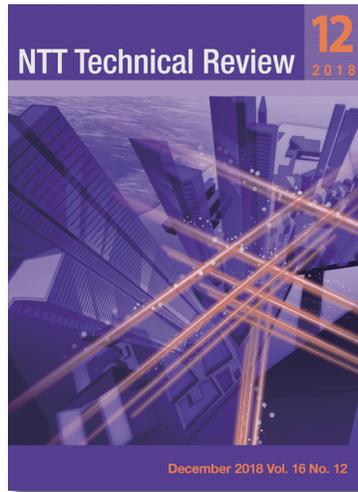


<https://www.ntt-review.jp/archive/2018/201812.html>



## View from the Top

- ▶ Mitsuyoshi Kobayashi, President and Chief Executive Officer, NTT WEST

## Feature Articles

### Ultra-realistic Communication with Kirari! Technology

- ▶ Kirari! Ultra-realistic Communication Technology: Beyond 2020
- ▶ Real-time Extraction of Objects from Any Background Using Machine Learning
- ▶ “Kirari! for Arena”—Highly Realistic Public Viewing from Multiple Directions
- ▶ 360-degree Tabletop Glassless 3D Screen System
- ▶ Video Processing/Display Technology for Reconstructing the Playing Field in Sports Viewing Service Using VR/AR

## Global Standardization Activities

- ▶ Forum Survey Activities by TTC (The Telecommunication Technology Committee) Technology Research Advisory Group

## Practical Field Information about Telecommunication Technologies

- ▶ Initiatives Targeting Snow Damage to Communication Facilities

## View from the Top

### Mitsuyoshi Kobayashi, President and Chief Executive Officer, NTT WEST

#### ▼ Overview

Aiming to be a company that contributes to solving social problems, NTT WEST is transforming itself into a pioneer in the era of Internet of Things and artificial intelligence by leveraging the technologies, know-how, and services it has cultivated to date. We asked Mitsuyoshi Kobayashi, NTT WEST President and Chief Executive Officer, to tell us about his plans and specific initiatives in support of the new NTT WEST Medium-term Management Plan that is aimed at creating new value to realize a prosperous, vibrant, and safe and secure society.



## Feature Articles

### Ultra-realistic Communication with Kirari! Technology

#### Kirari! Ultra-realistic Communication Technology: Beyond 2020

#### ▼ Abstract

The NTT Group is creating new value to overcome the limitations of space through research and development of Kirari! ultra-realistic communication technology. Kirari! goes beyond simply improving sound and image quality; it is aimed at achieving a sense of realism, as though the objects or people being viewed were actually there in front of the viewer. This article gives an overview of Kirari! technology, introduces some application examples, including live public viewings and other unprecedented productions, and reviews trends for beyond 2020.

