

<https://www.ntt-review.jp/archive/2019/201903.html>



## View from the Top

- ▶ Masaaki Moribayashi, Senior Executive Vice President, NTT Communications

## Feature Articles

### Front-line Cybersecurity Technology to Enable a Digital Society

- ▶ Security R&D for a Safe and Secure Digital Society
- ▶ Discovery of Silhouette—a New Threat to Privacy—and Our Efforts to Counter It
- ▶ Trial Service of Secure Computation System San-shi™
- ▶ Research Trends in Post-quantum Cryptography

## Feature Articles

### NTT R&D Forum 2018 Autumn Special Sessions

- ▶ Co-innovating to Accelerate Transformation and Create New Value
- ▶ Leading in the Age of Digital Disruption

## Regular Articles

- ▶ Intent-based Service Management to Improve Resource Design Efficiency for Cloud Services

## Global Standardization Activities

- ▶ International Standards Adopted by ITU-T to Address Soft Errors Affecting Telecommunication Equipment

## View from the Top

### Masaaki Moribayashi, Senior Executive Vice President, NTT Communications

#### ▼Overview

As the fourth industrial revolution takes hold around the world, Japan has much to achieve if it is going to maintain its international competitiveness in innovation. We asked Masaaki Moribayashi, Senior Executive Vice President of NTT Communications, what will be necessary for NTT Communications to firmly establish itself as an international enterprise.



## Feature Articles

### Front-line Cybersecurity Technology to Enable a Digital Society

#### Security R&D for a Safe and Secure Digital Society

#### ▼Abstract

NTT Secure Platform Laboratories is conducting research and development on security technologies to build resistance to emerging new security threats and to resolve issues involving the utilization of data. This article introduces some security issues that can arise in a digital society and security measures to deal with them, both defensive and offensive.

## Feature Articles

### NTT R&D Forum 2018 Autumn Special Sessions

#### Co-innovating to Accelerate Transformation and Create New Value

#### ▼Abstract

Dimension Data, an NTT Group company, recently opened its first Client Innovation Centre (CIC) in Sydney, Australia. This article introduces the CIC and presents examples of co-innovation generated at CIC between Dimension Data, their clients and partners, and the NTT research and development (R&D) laboratories. This article is based on a speech given by Debra Bordignon, Chief Technology Officer, Dimension Data Australia, at NTT R&D Forum 2018 Autumn.

#### Leading in the Age of Digital Disruption

#### ▼Abstract

At everis, an NTT DATA Group company, a team consisting of 65 members is currently working to create solutions for existing companies by applying disruptive approaches. This article describes the importance of digital disruption and the disruption initiatives by the NTT Group based on a speech given by Marc Alba, Chief Disruption Officer of everis, at NTT R&D Forum 2018 Autumn.