September 2018 Vol. 16 No. 9

NTT Technical Review 9 2018

https://www.ntt-review.jp/archive/2018/201809.html

Feature Articles

Research and Development Initiatives for Internet of Things Implementation

- Research and Development to Create Value with IoT
- Application for Rehabilitation Medicine Using Wearable Textile “hitoe”
- Wireless Relay Technologies for Monitoring Underground Infrastructures
- Data Stream Assist Technology Supporting IoT Services
- Utilization of Edge Computing and IoT Sensors in Hierarchical Weather Forecasting System

Regular Articles

- New Transport QoE-control Technology Enabling High-definition/High-presence Content Distribution

Global Standardization Activities

- Standardization of Automation Technology for Network Slice Management by ETSI Zero Touch Network and Service Management Industry Specification Group (ZSM ISG)

Short Reports

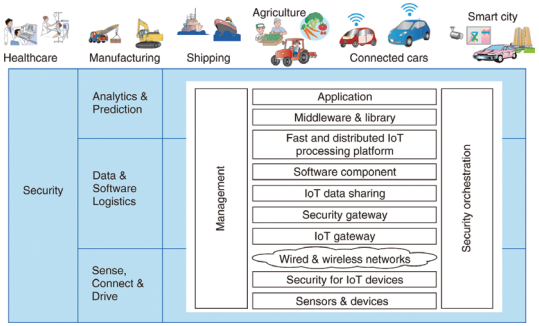
- Completely Rewriting Industry’s Understanding of Transmitting High Quality Laser Processing Light over Long Distances

Feature Articles
Research and Development Initiatives for Internet of Things Implementation

Research and Development to Create Value with IoT

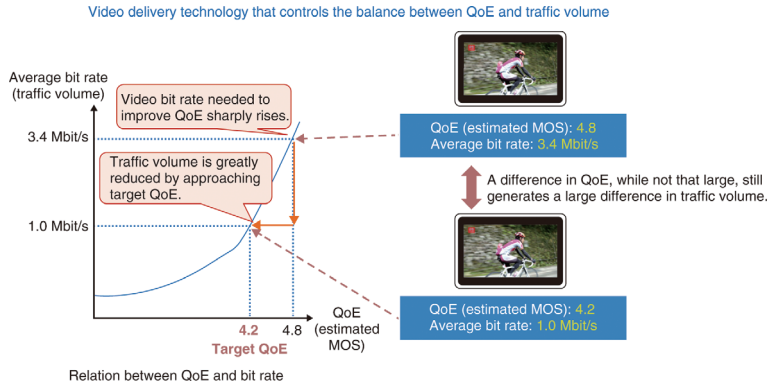
▼Abstract

Utilization of Internet of Things (IoT) technology is advancing as part of efforts to create new value in various fields, even those with little previous relation to information and communication technology. In view of this IoT era that will drive industry and society forward, NTT has defined four necessary roles in terms of requirements and technologies, and we are collaborating with our partners to build key technologies. In this article, we introduce technical development initiatives at the NTT laboratories to further advance IoT.



Regular Articles

New Transport QoE-control Technology Enabling High-definition/High-presence Content Distribution

▼Abstract

NTT is striving to support the growing demand for high-definition video delivery services and is therefore developing technologies for optimizing the deployment of servers for content providers and telecom operators and their communication networks and for providing a new means of delivery control. This article introduces content delivery network technology for achieving economical and high-quality delivery of high-definition, high-presence video content.