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View from the Top

Masanori Suzuki, President and Chief Executive Officer, NTT DATA Japan Corporation

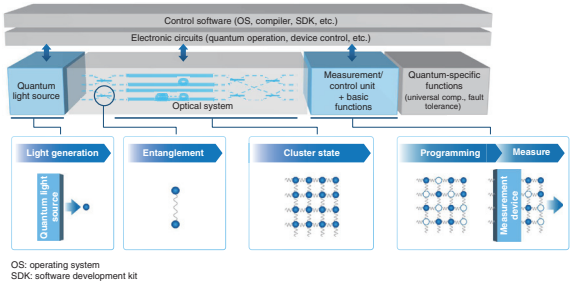
▼Abstract
Serving as a transformation partner for businesses and society to drive the creation of new value, NTT DATA Japan aims to invigorate Japan through the power of digital technology. It provides a seamless combination of cutting-edge artificial intelligence and robust, next-generation infrastructure while working globally to help clients achieve tangible business outcomes. We spoke with Masanori Suzuki, president and chief executive officer of NTT DATA Japan, who is promoting the fusion of consulting and technology as well as strong collaborations that transcend the boundaries of individual organizations and nations, about where NTT DATA Japan stands today and its vision for the future.



Feature Articles
Pioneering Optical Quantum Computers through Optical Communication Technologies

NTT's Challenge toward the Practical Development of Optical Quantum Computers

▼Abstract
The spread of artificial intelligence is driving up computational demand and power consumption, while certain problems remain difficult for conventional computers to solve within a practical time. Quantum computers are drawing attention as a new means of computation for such problems. Building on the technologies NTT has cultivated in optical communications and working together with OptQC, we aim to develop an optical quantum computer that is scalable and reliable. This article outlines where quantum computer development stands today, how the optical approach is positioned among the various schemes of quantum computers, and the direction of NTT's research and development.



OS: operating system
SDK: software development kit

Feature Articles
Unraveling the Mind and Intelligence, and Weaving an Interconnected World

Science of the Brain and Body behind Winning—Uncovering Neural and Physiological Mechanisms of Winning and Losing in Esports

▼Abstract
In top-level competitions where technical skills are evenly matched, mental strength often determines the winner. Although many studies have examined this strength, its neural basis remains unclear. Esports provides a useful setting for studying mental competition, combining split-second decision-making with psychological strategy. With minimal physical movement, it enables high-precision physiological monitoring in real-world settings, revealing core aspects of performance obscured by motor noise. Using neural, cardiac, and muscular signals recorded during gameplay, we at NTT Communication Science Laboratories identify brain activity that predicts outcomes and physiological states that distinguish experienced players from true elites. By analyzing these optimal states, we explore practical pathways to peak competitive performance.

