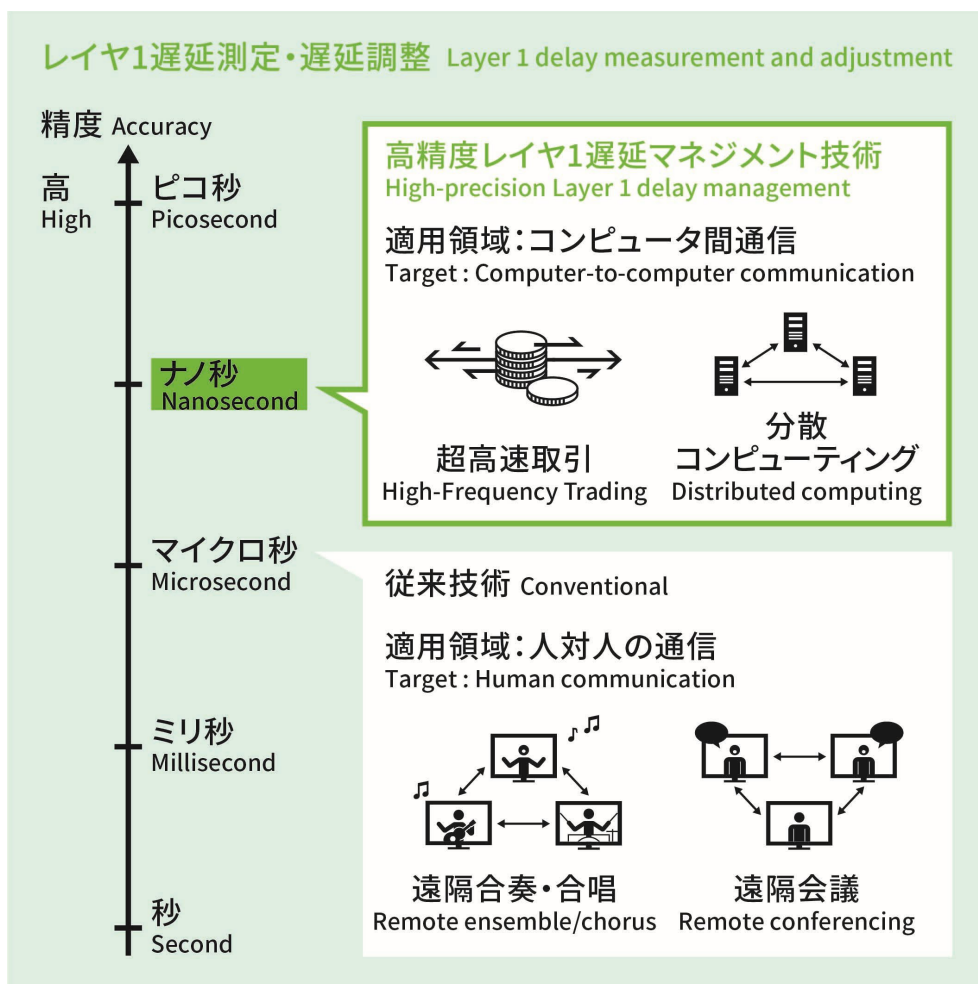


High-precision layer 1 delay management technology

Nanosecond precision delay management for high-frequency trading

Customer Experience Value Creation



///Technical Issue

Conventional Layer 1 delay measurement techniques have microsecond-accuracy performance, which is insufficient for computer-to-computer communications.

///Research Goal

Nanosecond precision delay measurement and adjustment enables delay management for computer-to-computer communication such as High-Frequency Trading.

---Technology

Newly established proprietary delay measurement and delay adjustment technology enables in-service adaptive delay compensation with nanosecond precision delay measurement.

---Novelty

Conventional techniques target human-to-human communications, and microsecond accuracy is sufficient. The proposed technology enables nanosecond-accurate delay measurement and delay adjustment and is applicable to computer-to-computer communications.

---Applicable Business

Nanosecond precision delay management can be applied to computer-to-computer communications, such as High-Frequency Trading. (Technology establishment schedule: 2025)