

APN between overseas data centers Utilizing APN in suburban data centers globally

#Productivity Improvement #Business Resilience #Green Transformation



///Technical Issue

When connecting geographically distant data centers, the delay of communications between data centers can be very high, making it difficult to meet customers' needs for low delay connectivity.

///Research Goal

Using IOWN APN, we are able to build an integrated IT infrastructure overseas that can connect urban and suburban data centers as if they were the same data center.

---Technology

- APN enabling low-latency and high-capacity communications.
- Design technology capable of handling international fiber, equipment, and regulatory requirements.

---Novelty

- Realization of delays and delay jitters that are significantly lower than the delay expected for general cloud applications.
- IOWN APN can provide the connection line by adding wavelength without installing new dark fiber, which can significantly reduce the time customer's service request.

---Applicable Business

Business area : Integrated IT infrastructure Business

Use Cases : Utilizing APN to connect between data centers, enabling the use of suburban data centers.

Availability : Planning joint demonstrations with customers to launch businesses soon.