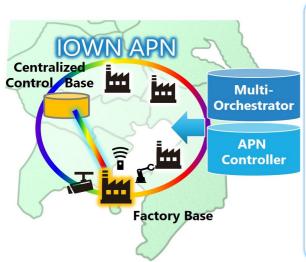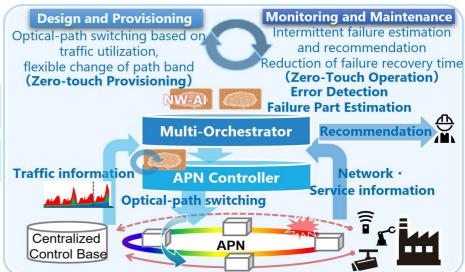## Background

APN enables mission-critical communication on-demand and at a reasonable cost between factories, and between data centers. Total management of APN operation life cycle is necessary for automation and saving labor in processes such as design, provisioning, monitoring, maintenance, and operation.

Summary

The on-demand optical-path provisioning and switching based on traffic utilization by coordinated control of APN controller and Multi-Orchestrator, and the autonomous error detection and recommendation by Network-AI enables reducing lead time and rapidly recovering service.

Features

- APN controller/FDN controller realizes communication control according to user requests such as multi-layer service control and dynamic configuration change based on SLA monitoring
- Network-AI realizes zero touch operation through automates and associates with maintenance processes such as detection of difficult to errors and identification of failure parts
- Multi-Orchestrator realizes total management by coordinating and associating with APN controller, FDN controller and Network-AI

Future_benefits

APN that realizes zero touch operation of low-cost and high-quality network services according to end-end and multi-layer integrated control contributes the DX of manufacturing.

Exhibiting Company

NIPPON TELEGRAPH AND TELEPHONE CORPORATION, NTT COMWARE CORPORATION

Contact

rdforum-exhibition@ml.ntt.com

APN: All-Photonics Network

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