



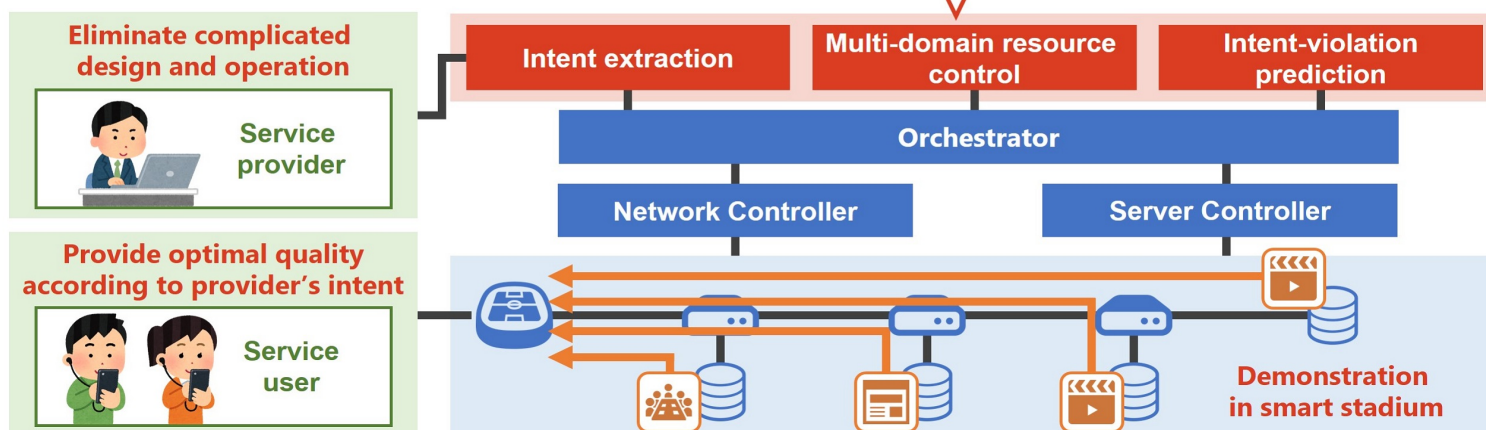
Background

In existing networks, resources are controlled to meet uniform quality requirements such as bandwidth and delay, regardless of the type of service being provided. Since the quality requirements for individual services are not met, the intents of the service providers also may not be met.

Summary

Our technologies (Mintent) extract specific quality requirements from intents input by service providers and control entire resources automatically while monitoring and predicting these quality indicators. We demonstrated for the first time the coordinated control of Mintent for a smart stadium.

Mintent : The technologies extract specific quality requirements from intents input by service providers, and control entire resources automatically while monitoring and predicting these quality indicators.



Features

- Extracting specific service requirements from intents input in natural language and outputting quality indicators from the service requirements (intent extraction)
- Predicting whether quality requirements that satisfy intents are at risk of being violated by predicting future quality based on monitoring logs (intent-violation prediction)
- Calculating resource allocation to maximize overall resource utilization by considering quality requirements and physical resource configurations (multi-domain resource control)

Future_benefits

Our technologies provide optimal communication quality tailored to the service provider's intent and eliminate complex network design and operations for each separate service.

Exhibiting Company

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