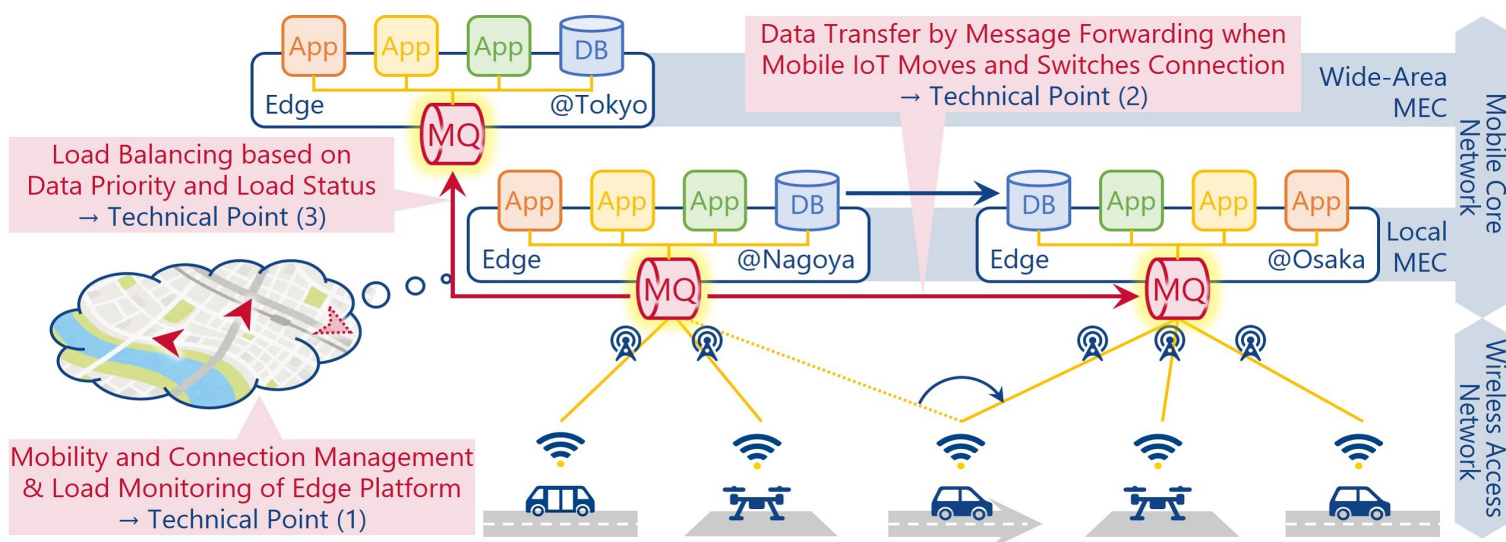


## Background

The future edge computing infrastructure that supports Mobility IoT, such as Connected Cars, requires efficient coordination among numerous widely distributed edge nodes. Additionally, it needs to adapt to changing communication environments and extensive mobility.

## Summary

In an edge computing infrastructure with widely distributed edge nodes, it enables dynamic message routing based on Mobility IoT's connection point transitions and metrics monitoring. This optimization of messaging processing ensures reliable message delivery to devices and load balancing.



## Features

- (1) Real-time integrated management of Mobility IoT's location and identification connected to each edge node and monitoring information from the edge computing infrastructure
- (2) Utilization of real-time information from transitioning Mobility IoT at connected edge nodes for inter-base message coordination and reliable message delivery to devices
- (3) Load balancing through selective inter-base message coordination based on data types and monitoring information, distinct from replicating existing messaging middleware

## Future\_benefits

By leveraging optimized messaging based on information from both Mobility IoT and infrastructure, it contributes to the distributed processing required in a mobility society.

## Exhibiting Company

NTT Communications Corporation

## Contact

cc-team-mbtf@ntt.com