

# MEC ORCHESTRATION PLATFORM SOFTWARE DEVELOPMENT

for a digital technology company with  
offices across the globe



**Service:** Edge Cloud

## OVERVIEW

Customer is a \$30 billion digital technology company with offices across the globe. They are specialized in optical fibre and cables, hyper-scale network design, deployment and network software and offer services for global data networks of CSPs, Telcos and OTTs.

## CHALLENGES



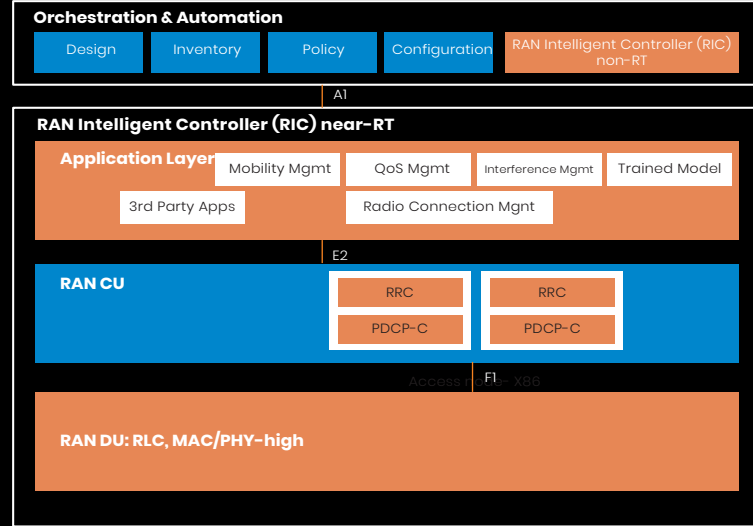
Need for an Orchestrator to deploy MEC and vRAN applications/components in the 5G Core Network



Difficulty in policy and configuration management for MEC hosts

## SOLUTION

- 1 Development of UPF components to deploy in MEC Host
- 2 MEC Orchestrator development based on ONAP design Principles
- 3 Development of virtual components for 3rd party applications
- 4 UPF to terminate PDU session for MEC applications
- 5 MEC Orchestrator development for system level management and monitoring



## OUTCOMES

- Scalability and flexibility by using open source based service orchestrator
- Improved ease of deployment by component virtualization



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[business@acldigital.com](mailto:business@acldigital.com) | [www.acldigital.com](http://www.acldigital.com)

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