

# Delivered RAN optimization and network modernization

For a leading European telecom OEM



## Customer background

As one of the leading European telecommunications OEM, the customer operates in the space of network infrastructure and advanced technologies.

## Customer challenges or pain points

As part of its digital transformation program, the customer wanted to optimize and consolidate its RAN and IT operations. To achieve this, they needed to design and develop a cost-effective and efficient solution for network operations. Customer was looking to address following key pain areas.



Due to the geographic expansion with new office sites, it became difficult to manage a complex IT infrastructure. Legacy IT systems were incapable of integrating with modern applications, and slowed down their upgrades and operations and also added to their cost profile in addition to higher maintenance costs related to telecom hardware, replacements and upgrades.



# HCLTech solution tenets

With multiple next-generation networking solutions, HCLTech:

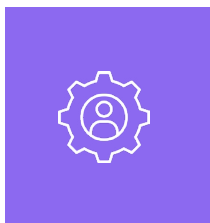
- ▶ Consolidated and optimized all the core applications and decommissioned the non-core applications to save on maintenance and upgrade costs.
- ▶ Implemented network monitoring and modernization solutions to identify trouble making Network components, in real-time.
- ▶ Offered an industry-standard design, assessment and implement capabilities—and optimized several broadband sites to maximize capacity (3G/4G networks) and minimize failures (call drops, network outages).
- ▶ Successfully managed a number of OEMs and the scale of the customer's IT devices (12k servers, 50k desktops, 8k network devices, and 40K users) through its end-to-end capability.
- ▶ Modernized the customer's Data Center and migrated majority of its in-house IT estate to cloud with a flexible consumption model.
- ▶ Helped in managing configuration, upgrading/patching installation, and troubleshooting and analysis (monitoring and integration of 50k live sites).

## Business and operational benefits to customer



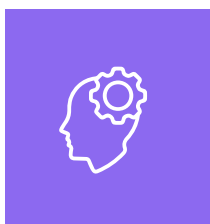
### Cost optimization

By optimizing their IT infra-approach, HCLTech enabled the customer to reduce its Opex cost by 30 percent and rationalize 20 percent of its IT license spend.



### Agile and efficient networks

Increased their public cloud adoption by 30 percent and delivered optimized and rationalized network services.



### Reduction in manual efforts

Eliminated human errors and reduced average handling time per process through a network automation and orchestration approach.

To know more about HCLTech's Networks capabilities, please write to us at [Contact.NGN@hcl.com](mailto:Contact.NGN@hcl.com)

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