# Migration of Core Telecom Services

Project: Cloud Infrastructure migration Telco Net.

Date: May 2025

Project Scope  
Migrated legacy telecom services (HLR, SMSC, Billing) to a hybrid cloud architecture using OpenStack (private) and Azure (public).

Execution  
- Analyzed dependencies between HLR (Ericsson), SMSC, and Billing systems (Huawei).  
- Conducted phased migration with critical services prioritized.  
- Used VMware HCX for seamless live migration.

Tools Used  
Ansible, Terraform, Azure Stack, VMware vSphere.

KPIs Achieved:  
- 42% reduction in hardware footprint  
- Availability increased to 99.98%