

Case Study

Software-Defined Datacenter for
Nordics-Based Payment Service Provider



Client

With 50+ years of service, the client provides payment services to over 300,000 merchants throughout the Nordic region – from large corporations to smaller enterprises, and micro-merchants.

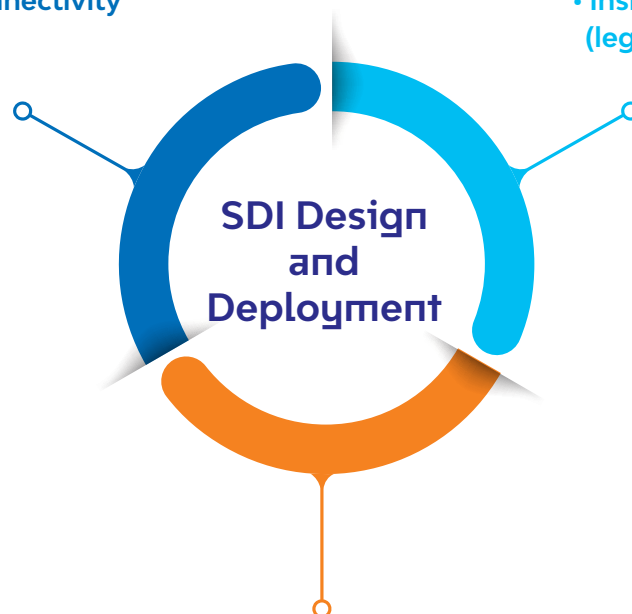
Challenges

- Need for modernization due to regulatory compliance demands
- Seamless migration of mission-critical Infrastructure
- High operational cost
- Drive up experience of the already digital-native target audience

SDI Design and Deployment

• **Datacenter interconnectivity**
(L3 VPNs, VXLAN)

• **Inside the DC**
(legacy to ACI switching, routing)



• **New Fabric (EPG-based) extended to the old datacenter (STP-based), allowing phased migration of 80+ applications**



LTIMindtree Solution

- Migration of 65 applications as-is (1:1 VLAN to EPG mapping)
- Migration of 15 applications after redesign (inter-subnet and inter-VLAN communication rules tweaked)
- Performed service migrations (live vMotion)
- 80+ enterprise applications migrated in four months

Business Benefits

- Accelerated migration of all enterprise applications
- Seamless migration from Legacy DC to SDDC in a phased manner without business impacts
- Smooth migration to new DC, allowing usage of existing VLAN/IP schema, leading to negligible downtime, and ensuring continuation in business operations

Technologies Used

Cisco ACI, Cisco UCS, FirePower, VMware DVS, and RapidAdopt

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