

Ensuring **data privacy** and addressing intellectual property risks

For a networking and telecommunications company, using DB encryption deployment

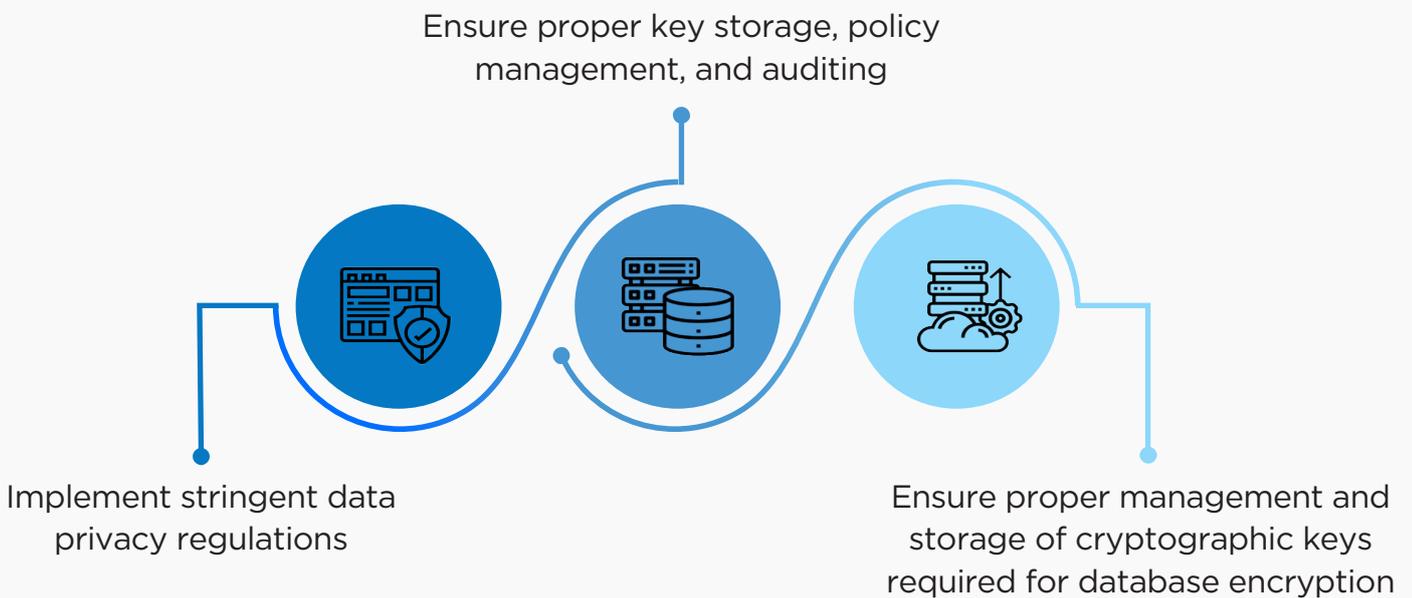


Customer profile

A multinational networking and telecommunications company, headquartered in Sweden. The client deals in infrastructure, software, and services related to information and communications technology. This includes 3G, 4G, and 5G equipment for telecommunications service providers and enterprises among others.

Business need

The client wanted to protect data and intellectual property while aligning with **data privacy** mandates. The business needed to:



Existing technology landscape to be secured

The global footprint of the client meant that they were utilizing multiple database types distributed around the world, including but not limited to:

Oracle

SQL Server

MongoDB

PostGres

IBM DB2

MySQL

Maria DB

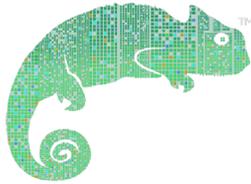


HCL solutions and services

The process of implementing solutions was laid out across four stages:

- 01 Planning the end state roadmap: Program roadmap outlined the technology selection and possible remediation steps.
- 02 Framing the solution architecture, which involved the following:
 - Architecting the controls
 - Understanding the scope – database encryption functions
 - Defining appropriate processes on globally distributed databases
- 03 Solution deployment: High performance architecture was deployed that natively supported the following:
 - Multisite clustering
 - Disaster recovery
 - High availability
- 04 Post deployment services: Ongoing services such as process improvements, database server onboarding, and maintenance and support fostered by continuous improvement.

The client was able to remain compliant and secure their IP with HCL's DB encryption deployment.



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