



Enterprise Disaster Recovery Implementation

Building Resilience Through On-Premise Infrastructure Sovereignty

8M

USERS PROTECTED

<4hr

RECOVERY TIME

99.9%

TARGET AVAILABILITY

15

MONTHS DELIVERY

CHALLENGE

- No disaster recovery capability
- Single point of failure risk
- Potential regulatory compliance gap
- Third-party infrastructure dependency

SOLUTION

- Built primary datacenter
- Geo-separated DR site (10km+)
- DB-level replication (100s TB)
- Active-passive architecture

Uniqueness

On-premise DR in cloud era - infrastructure sovereignty and technical excellence without cloud dependency

Project Results & Strategic Impact

Measurable Business Outcomes & Organizational Transformation

Business Continuity



- Achieved 99.9% availability
- Eliminated single point of failure
- Sub-4-hour recovery capability

Infrastructure



- Built primary datacenter
- Zero-downtime migration
- Hundreds of TB protected

Compliance



- Full regulatory compliance
- Data sovereignty maintained
- Central Bank requirements met

Capability Building



- In-house DR expertise developed
- Cloud-independent operations
- Foundation for Phase 2

Key achievement

On-premise DR in cloud era
- infrastructure sovereignty
for enterprise resilience

8M+
USERS