



## CASE STUDY

# SECURED AND SEAMLESS ACTIVE DIRECTORY MIGRATION FOR A GLOBAL BANK

Achieved seamless migration with minimum system downtime and data loss

## Client Background

The client is one of the largest banks in Southeast Asia, offering a gamut of banking and financial services to its customers. The bank approximately had 80 business units and 3 Active Directory (AD) domains that functioned on the legacy operating system.

Different AD domains used different AD policies that posed inefficiencies during new configuration deployment and integration with apps. The result was an increased administrative overhead cost for the client. There was a need for transformation in their banking ecosystem with integrated business units and AD domains.

Given the size, complexity and security involved, the client was in search of a trusted technology partner who can ensure a powerful migration solution with minimum business downtime. The key objectives of the client included:

- A new secured Active Directory design-based solution
- Build, implement and deploy a new Forest AD design for National and Savings Bank
- Migration of existing workgroup and old AD objects to new AD Forest
- Migration of multiple existing ADs to a centralized AD
- Training client's internal IT team with AD migration and design skills

## KEY BENEFITS

- Reduced manual efforts in Active Directory migration by 50%
- Slashed migration time for single Windows Server from 2 hours to 15 minutes
- Achieved a minimum system downtime of 5 minutes/server with marginal user disruption and zero data loss
- Improved security with the new Active Directory
- Easy management and standardization of business units under a common AD

## Xoriant Solution | Key Contributions

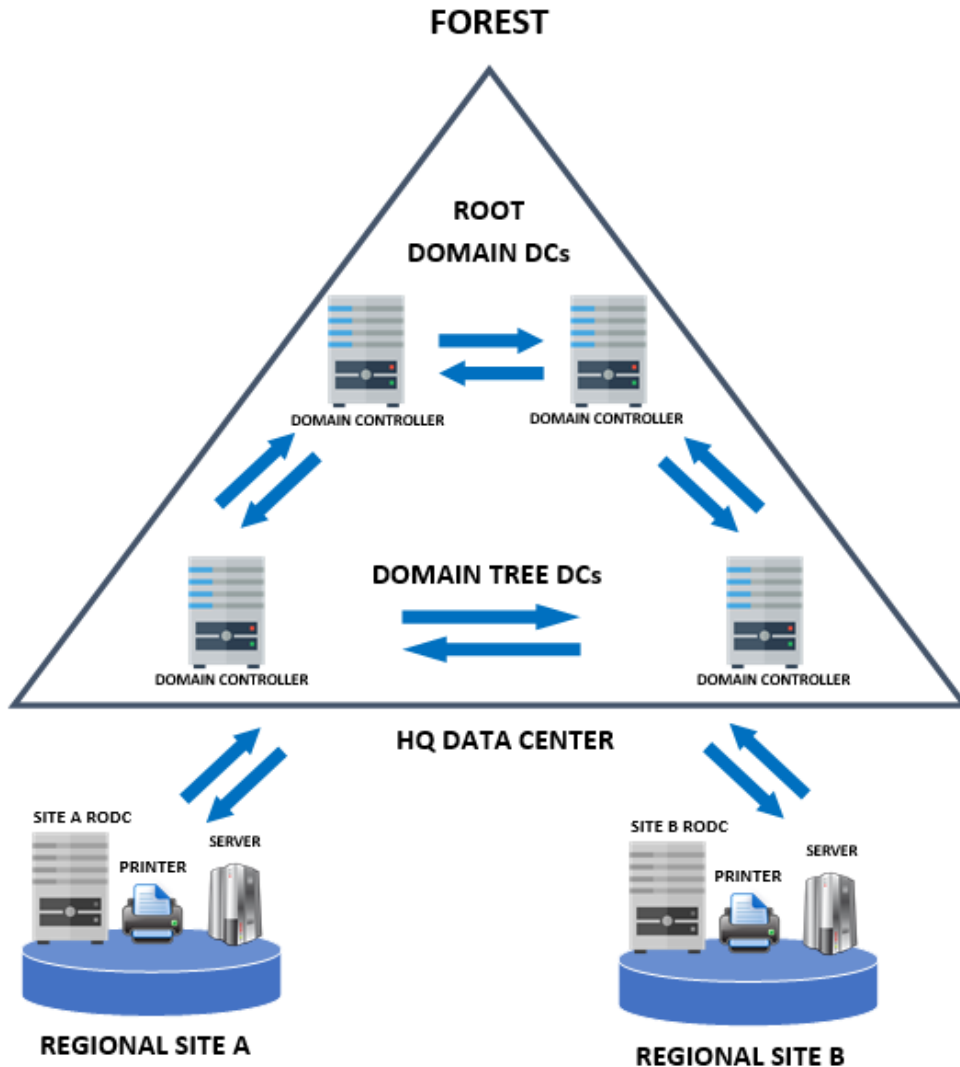
The client partnered with Xoriant for its product engineering pedigree to seek a new, integrated and secure Active Directory environment. Xoriant devised a flexible approach for the migration strategy - from planning, design and implementation of the new AD for the client. Our key contributions include:

- Design of a robust, secured domain framework using Windows Server 2012 R2, Forest and Domain Tree architecture to serve the functional and technical security requirements of National and Savings Bank
- Creation of scripts to migrate users and computers from Source to Target Domain
- Used ADMT automation tool for migrating user profiles from Workgroup Network to Target AD Domain
- Setup and configuration of a lab to test legacy domain apps post-migration from 32-bit architecture domain to 64-bit architecture AD Domain
- Implementation and configuration of Active Directory Migration Tool v3 and User Password Migration Server to migrate password from Source to Target Domain
- Hosted a rigorous training course with lab exercise for knowledge transfer on Active Directory Win2012 Server R2 and ADMT v3.2 tool for the client's IT team and desktop team, respectively
- Creation of scripts to add bulk users in AD and modify DNS entry on all the systems using group policy objects

## Client Testimonial

“*Our goal was to create an integrated banking ecosystem with connected business units and active directory domains. Xoriant designed a secured Active Directory framework, partially automating domain consolidation. This reduced our bank's overall administrative overhead cost, delivering a secured AD infrastructure environment.*”

## High Level Architecture



## Technology Stack

Windows Server 2012 R2 | VMWare ESX | PowerShell Script | ADMT v3.2 | MS Support Tools



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