

# Secure and Seamless Active Directory Migration – A Global Bank Example

One of the largest banks in Southeast Asia, offering a range of banking and financial services to its customers, spread across multiple locations. The bank had approximately 80 business units and three Active Directory (AD) domains that functioned on a legacy operating system.



## The Key Client Objectives:



Design a new secured Active Directory solution



Build, implement and deploy a new forest AD design



Migrate existing workgroups and AD objects to a new design



Consolidate multiple ADs into a single source



Train IT team with AD migration and design skills

## Why Xoriant?

The client chose Xoriant because of their 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.

## Technology Stack

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





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.



## Xoriant Contributions at a Glance

- Designed a robust domain framework for functional and security requirements of banking customers
- Created scripts to migrate users and computers from source to target domain
- Used ADMT automation tool to migrate user profiles from Workgroup Network to Target AD Domain
- Created scripts to add bulk users in AD and DNS entry on all systems using group policy objects
- Implemented and configured AD Migration Tool v3 and User Password Migration Server to migrate passwords from source to target domain
- Setup and configured a lab to test legacy domain apps post-migration, from 32-bit architecture domain to 64-bit architecture
- Hosted a rigorous training course with lab exercises for knowledge transfer for IT and Desktop team

## Business 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 five minutes per server with marginal user disruption and zero data loss



**Improved security** using the AD on Win2012, with new security features such as biometric authentication, and zero vulnerabilities



**Easy management and standardization** of business units under a common AD

## LEARN MORE

**Xoriant Corporation**



[Security-ms@xoriant.com](mailto:Security-ms@xoriant.com)



<http://xoriant.com>

