Active Directory Field Report

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September, 2001

Introduction

- Quest Software merged with FastLane Technologies in September, 2000
- Quest's Microsoft Solutions:
  - Deployment & Administration
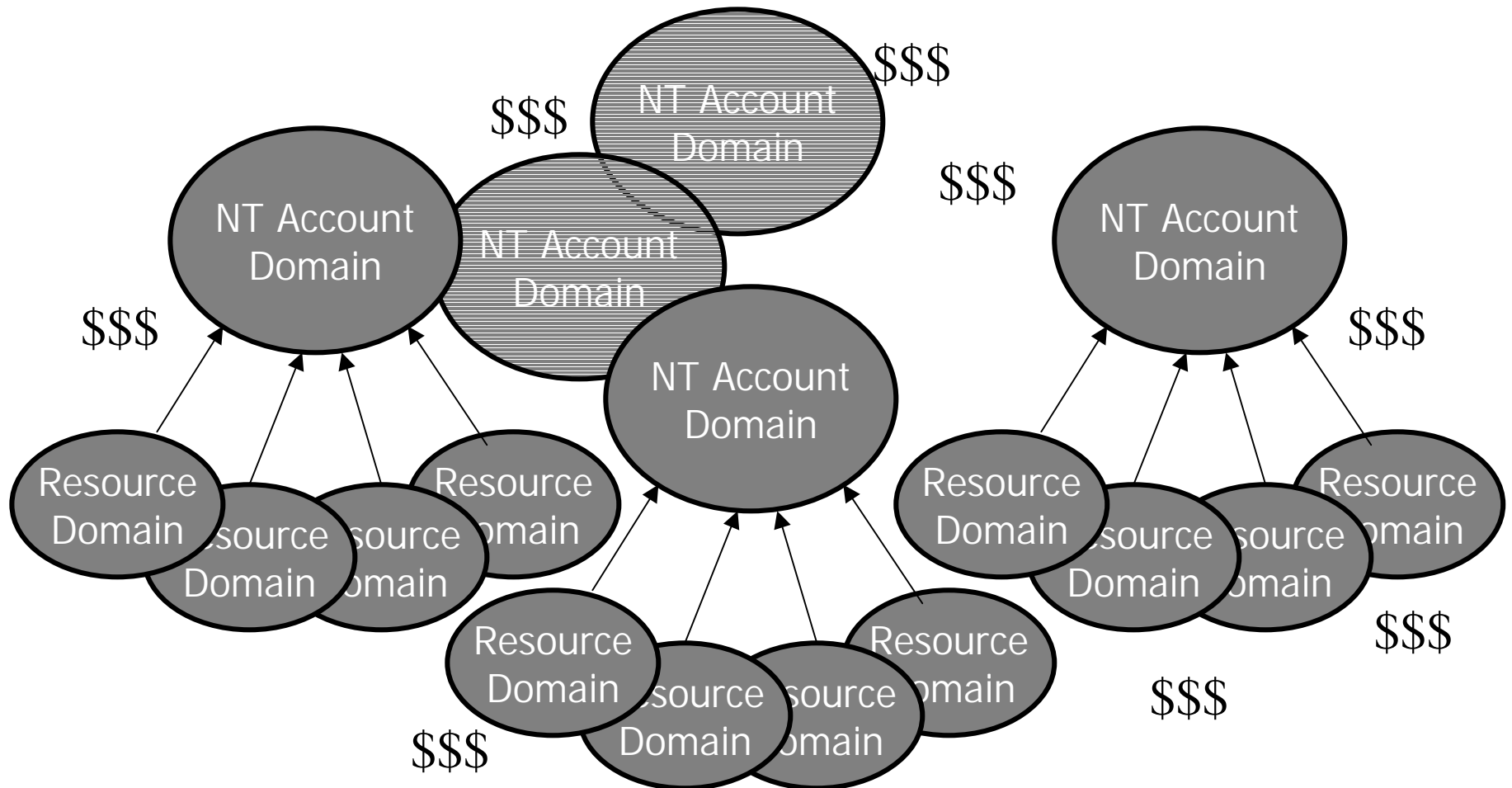 - Performance & Availability
- Why are you here?

Agenda

- Business Drivers for Deploying Windows 2000
- Barriers to Deployment
  - Non-Technical
  - Technical
- Summary
- Q&A

Business Drivers for Deploying Windows 2000

- Unifying network administration
  - Repatriating Control
- Exchange 2000
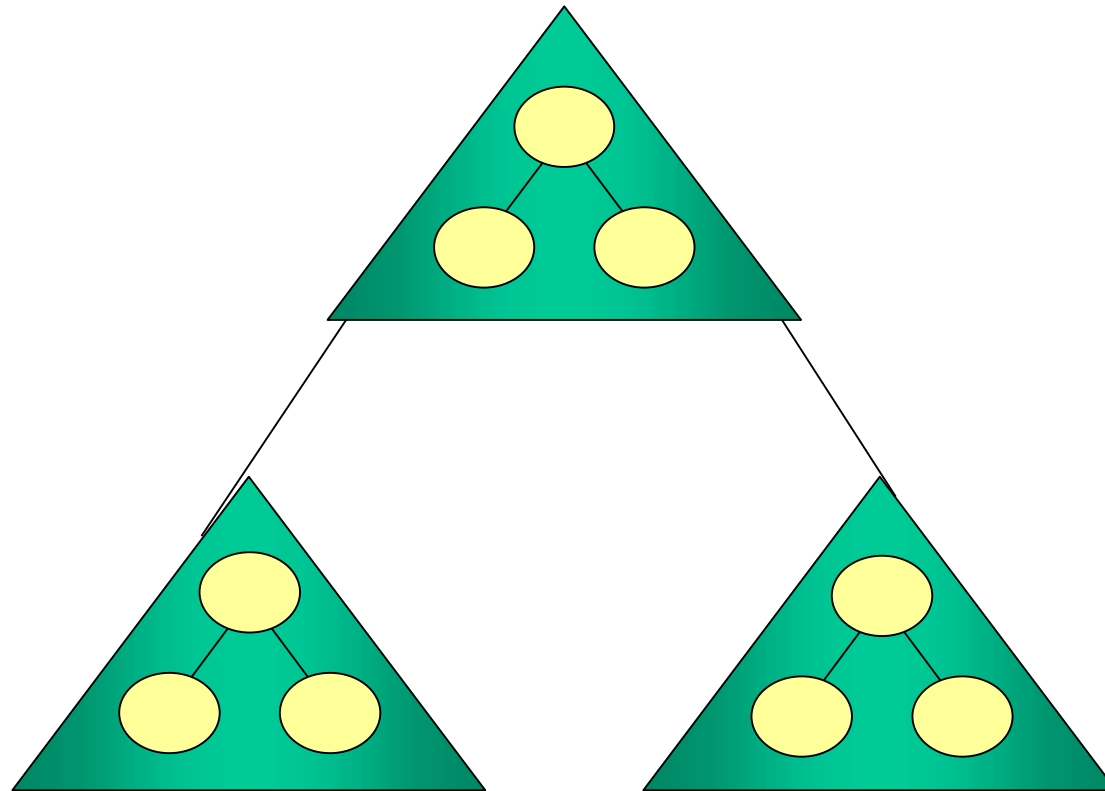- Desktop Standardization

Unifying Administration

Windows NT 4.0 Source

Unifying Administration
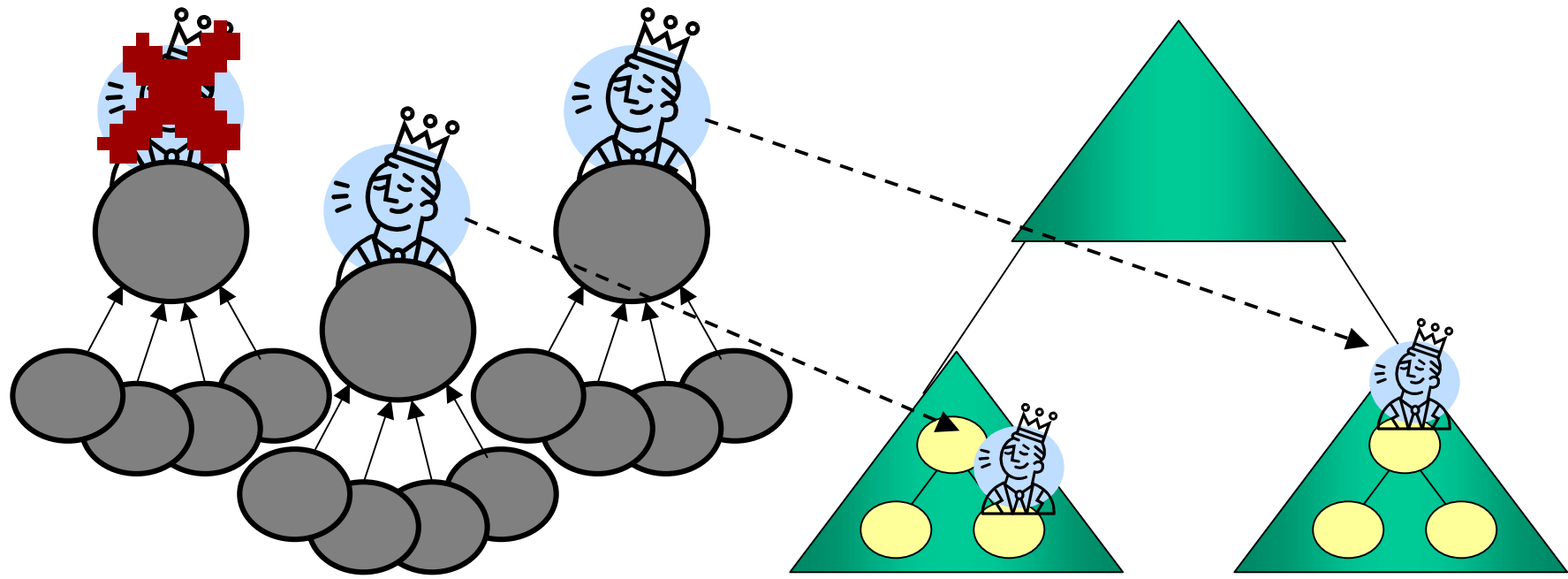
Active Directory Target
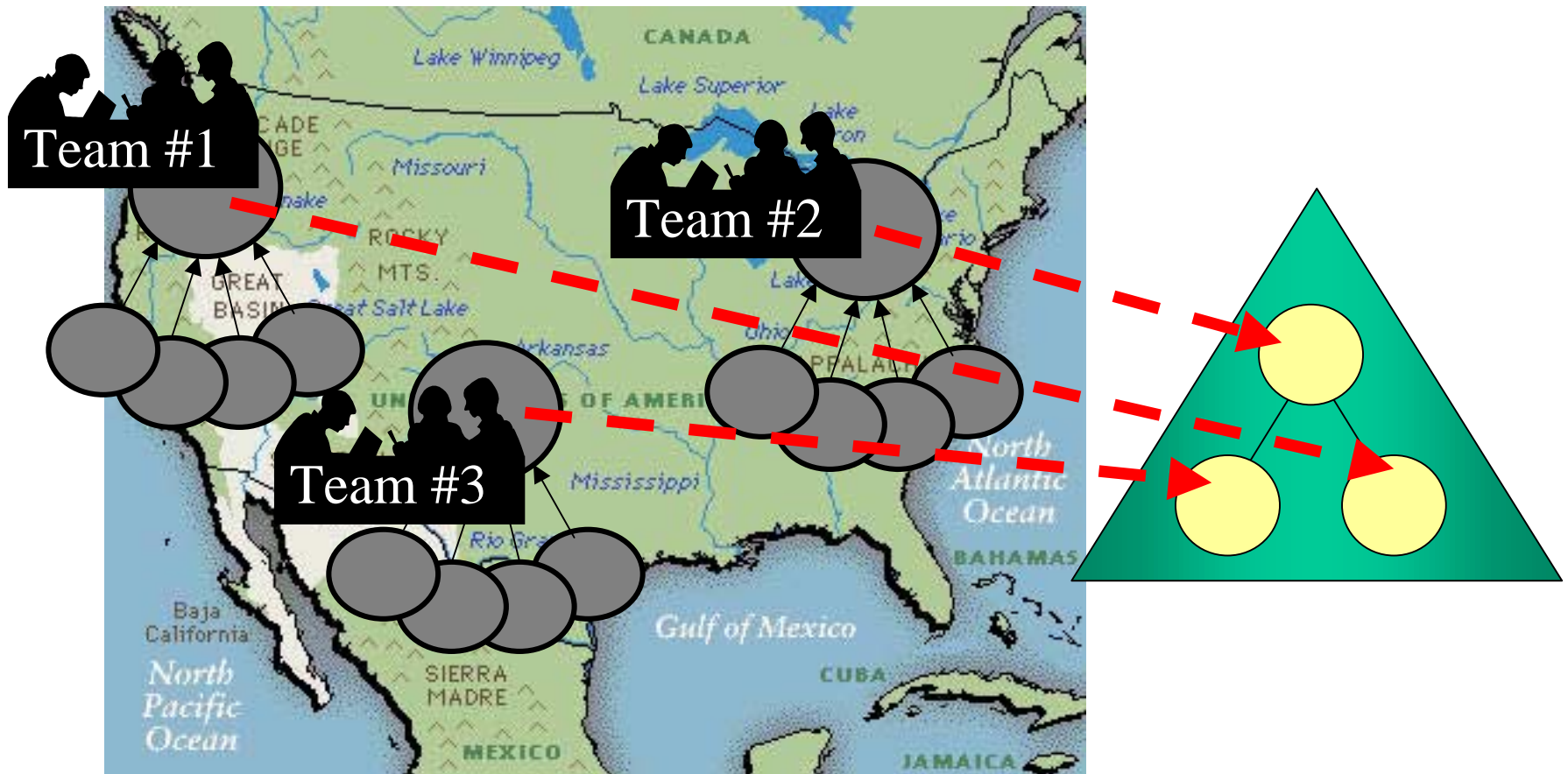
Barriers to Deployment
Non-Technical

- Political fights - Dismantle fiefdoms
- Who Owns DNS - UNIX, W2K, both?
- Migration project management challenges
- Reorganization and retraining of the support organization

Dismantling Fiefdoms

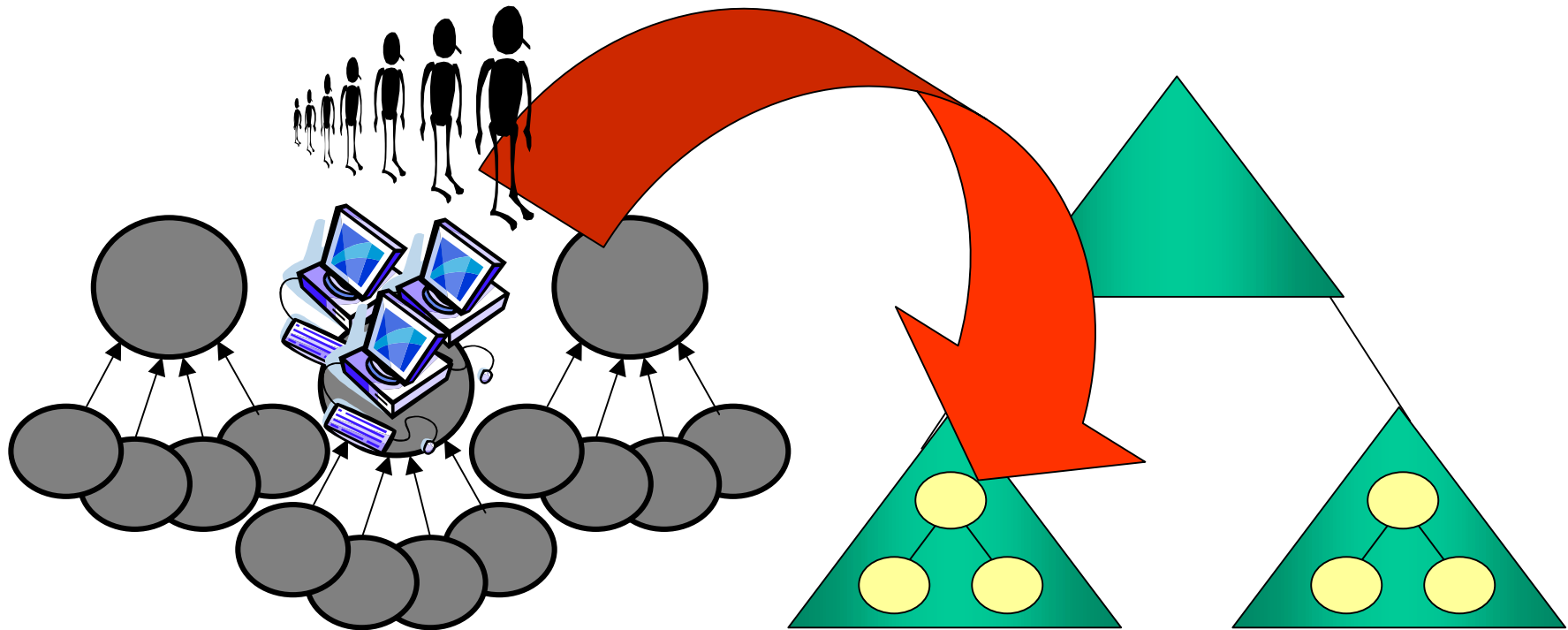# Project Management Challenges

Barriers to Deployment
Technical

- Automating the migration
- Managing Active Directory
  - Managing the Access to AD data
  - Making AD Fit the Business
  - Avoiding Directory Pollution
  - Ensuring AD Availability

Automating the Migration

Migration is a must for most large enterprises

Incremental migration to AD has advantages

Managing Active Directory
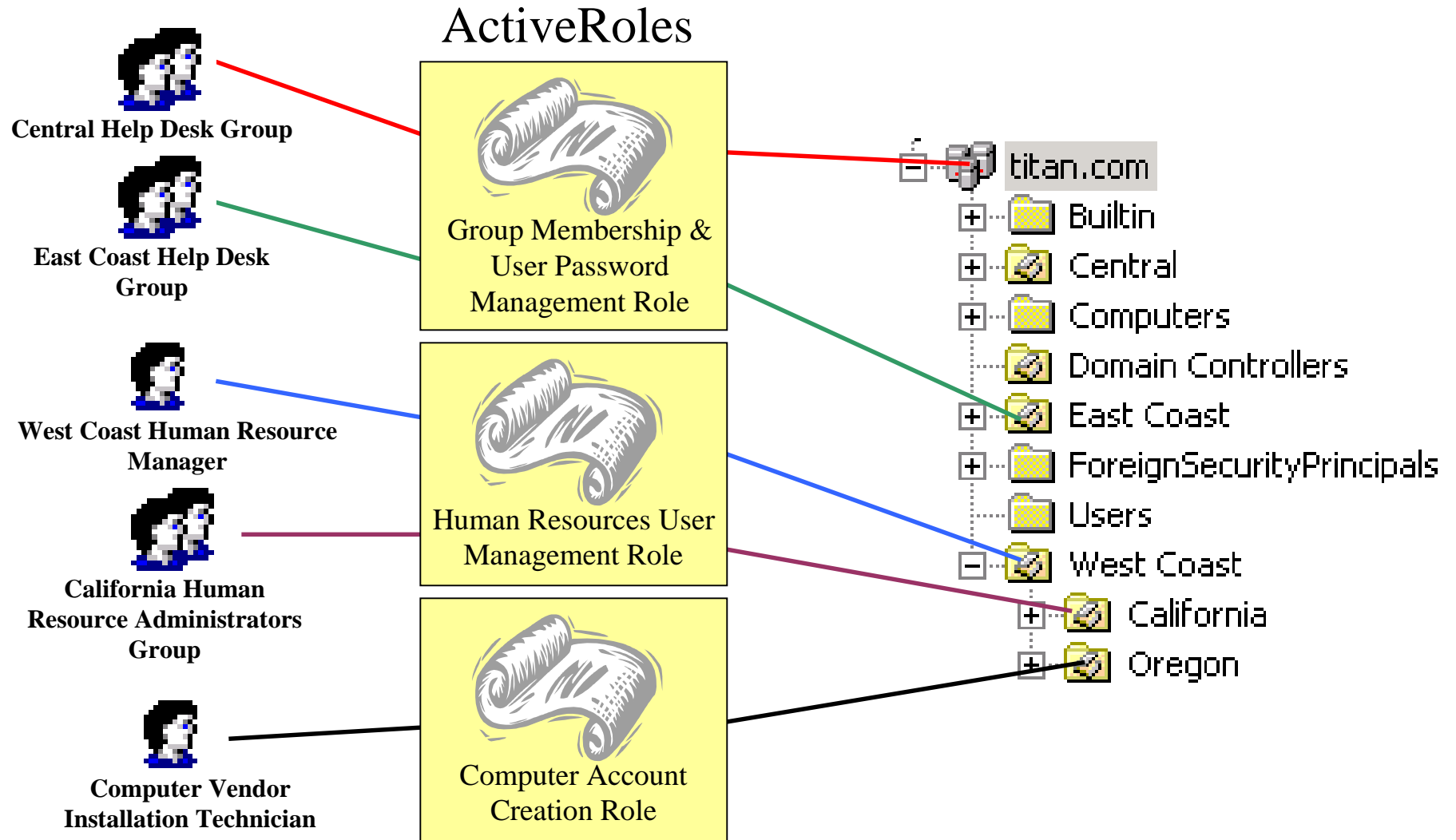
Different Worlds

NT 4.0 Domains

- No granular delegation

- All or nothing administrative rights

- Many companies required 3rd party delegation infrastructures

Active Directory

- Extensive granularity of delegation

- Delegation model based on Access Control Lists for OUs and objects

- Delegation infrastructure is built into Active Directory

Managing Access to AD Data

ActiveRoles

Central Help Desk Group

East Coast Help Desk Group

West Coast Human Resource Manager

California Human Resource Administrators Group

Computer Vendor Installation Technician

Group Membership & User Password Management Role

Human Resources User Management Role

Computer Account Creation Role

titan.com
- Builtin
- Central
- Computers
- Domain Controllers
- East Coast
- ForeignSecurityPrincipals
- Users
- West Coast
  - California
  - Oregon
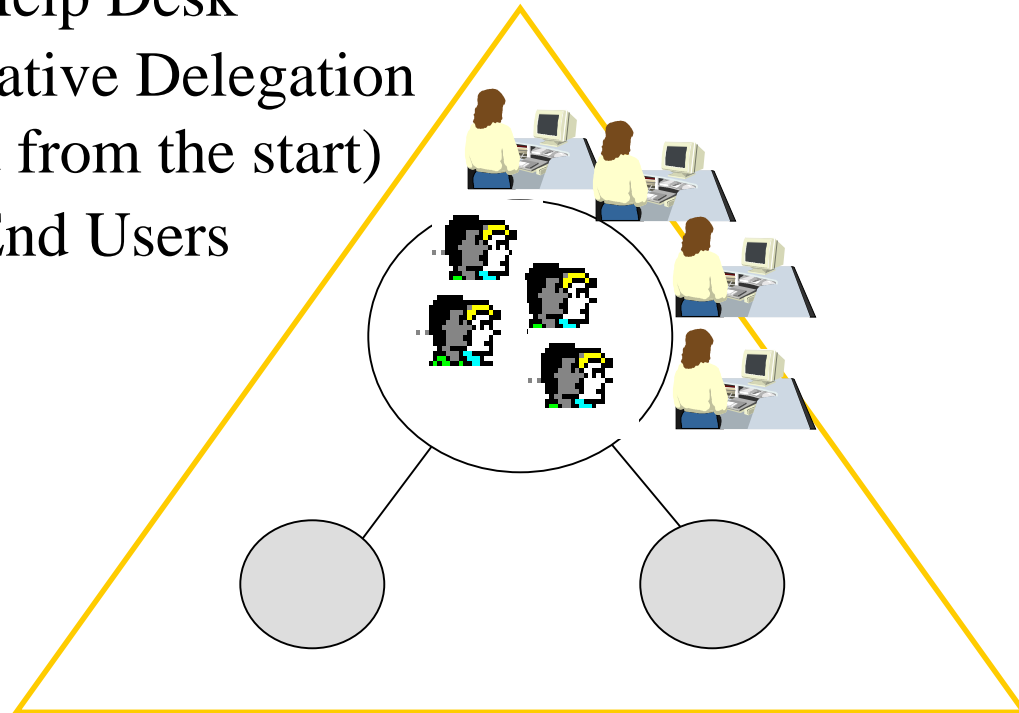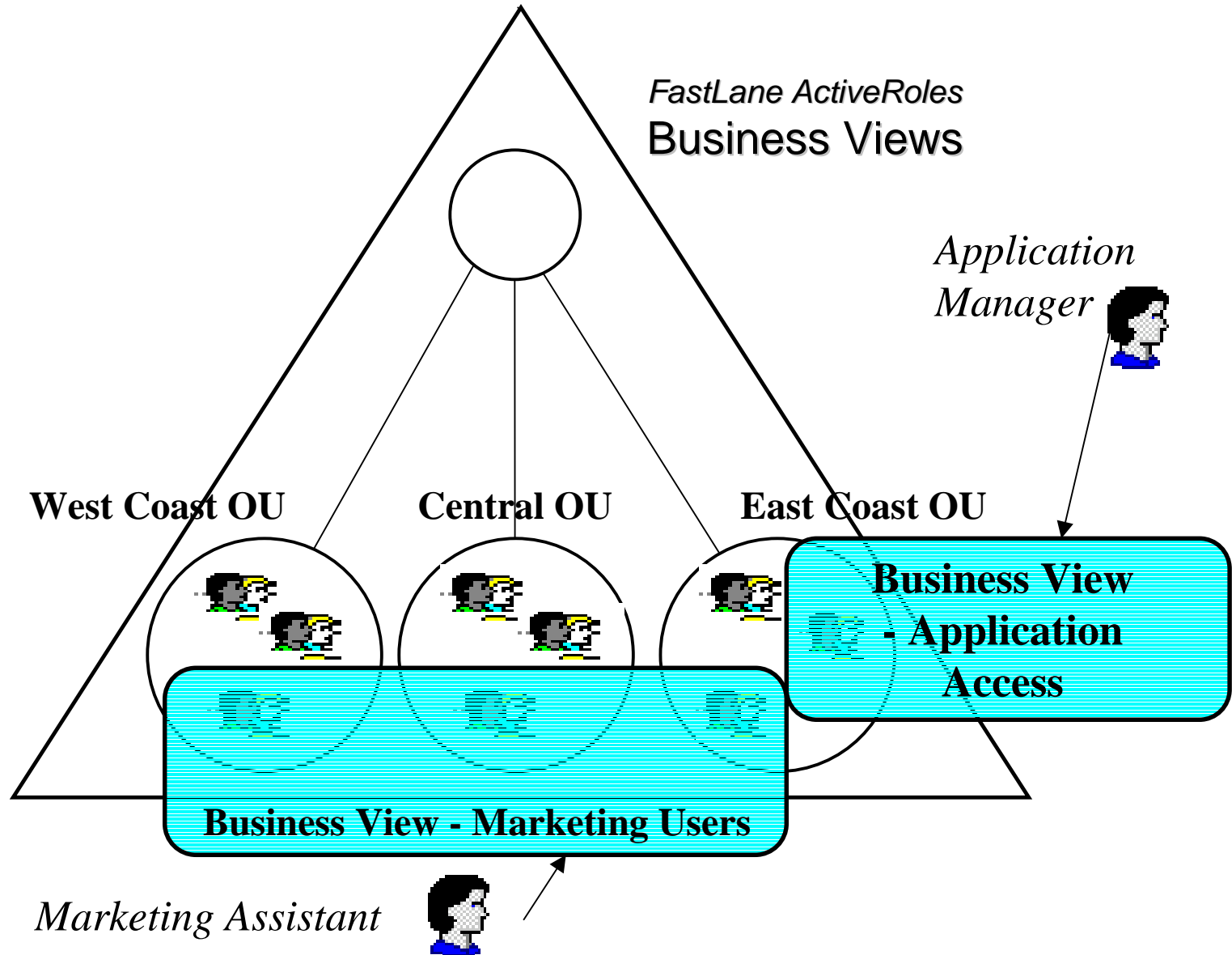
Role-Based Administration

Deploying Native Delegation in AD

1. Set-Up OUs
2. Migrate Help Desk
3. Deploy Native Delegation
   (role-based from the start)
4. Migrate End Users

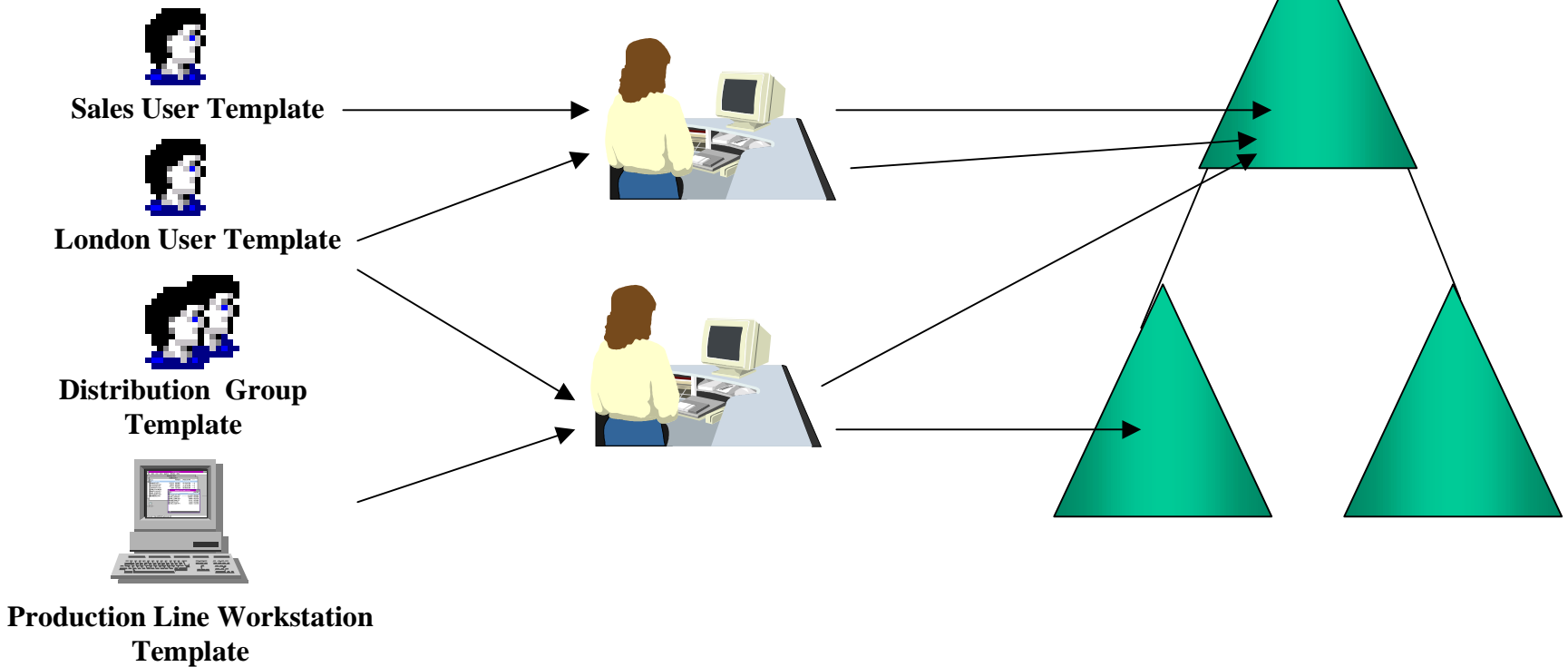# Making AD fit the Business

FastLane ActiveRoles
Business Views

Application Manager

West Coast OU   **Central OU**   **East Coast OU**

Business View - Application Access

Business View - Marketing Users

Marketing Assistant

Eliminate Directory Pollution

FastLane ActiveRoles
Business Rules - *Creation Templates*

Pre-defined Object Templates

Sales User Template

London User Template

Distribution Group Template

Production Line Workstation Template

Help Desk

Active Directory

Summary

- Get an executive sponsor to remove political barriers to deployment
- Get AD in the lab as soon as possible
- Get your IT staff familiar with AD
- Evaluate AD management tools based on AD specific challenges
  - AD is very different (and better) than NT 4.0 domains
  - NT 4.0 style solutions will not cut it

Actions

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