



# Quest® ActiveRoles Server

*"We've experienced a number of benefits of the system, not the least of which is faster, easier provisioning. The user-creation process used to take up to 25 minutes, and now can be accomplished in about a minute."*

— Siegfried Jagott  
Consultant  
Siemens Business Services

- Protects critical data by strictly enforcing policies and eliminating unregulated access to resources
- Provides a standardized change approval process for making changes to Active Directory data
- Automates provisioning, re-provisioning and de-provisioning, for efficient user lifecycle management
- Saves time and potential errors by providing automated group management
- Reduces administrative costs by providing a dynamically configured and customized Web interface for administrators, self-service users, help desk personnel and data owners
- Simplifies compliance and identity management related to regulating and reporting on user access to company resources
- Tightens Active Directory security by regulating administrative privileges through roles
- Lightens the IT workload by providing user self-service capabilities to directory data controlled by IT

## The Practical Way to Provision, Manage and Secure Active Directory and Beyond

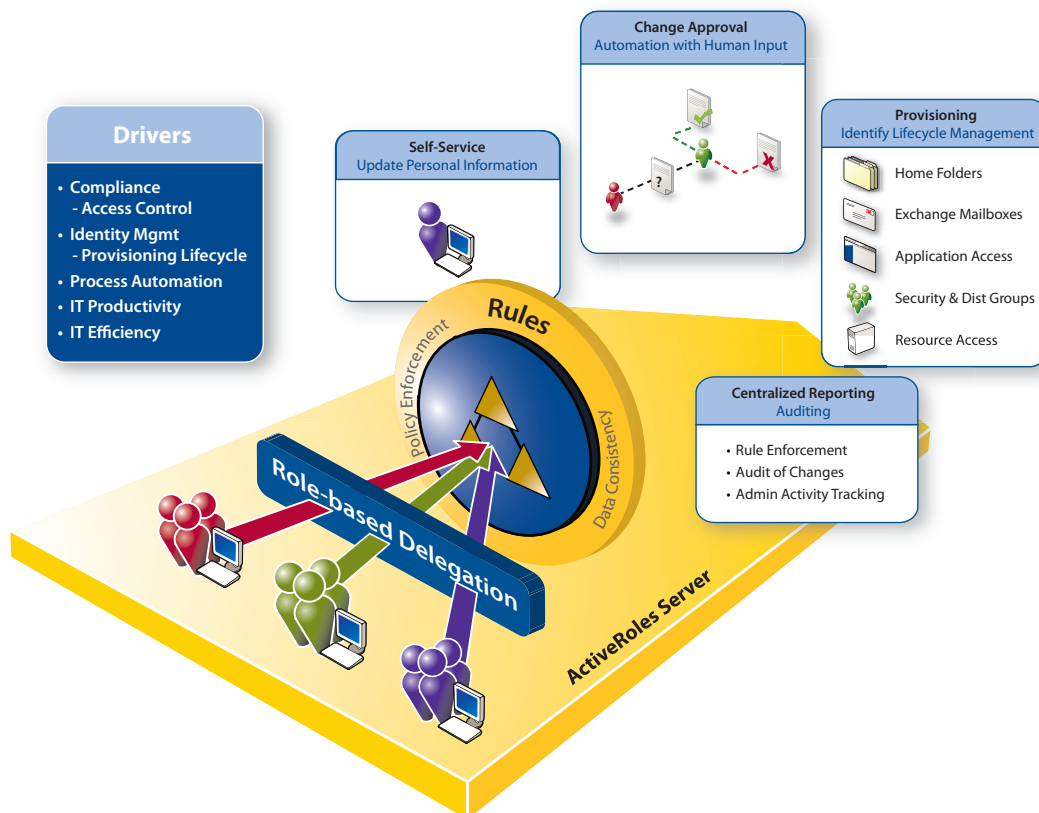
Businesses today grow and change at a frantic pace, making Active Directory (AD) management one of the most time-consuming IT tasks. AD administrators struggle to keep up with requests to create, change or remove user access to various network resources. With the advent of compliance regulations like the Sarbanes-Oxley Act (SOX), and the intense scrutiny they place on access to business-sensitive applications, organizations can no longer rely on numerous manual provisioning processes to maintain compliance.

Add to that the need to tightly delegate control of AD among various administrative groups, provide self-service capabilities to users to lighten the IT burden and involve key people in IT processes through change approval, it's no wonder that today's AD administrators need help.

ActiveRoles Server can help you automatically provision, re-provision and more importantly, de-provision users quickly, efficiently and securely in AD and beyond. ActiveRoles Server provides strictly enforced role-based security, automated group management, change approval and easy-to-use Web interfaces for self service, to achieve practical user and group lifecycle management for the Windows enterprise..

## Get and Stay Compliant Through Identity Management

ActiveRoles Server helps you achieve and sustain regulatory compliance by implementing secure, automated and auditable internal controls over granting access to network resources. You can automate all aspects of the account management process, introducing human input via a change approval process when needed. This simplifies user and group provisioning, policy enforcement, segregation of duties and delegation of administrative privileges.



## System Requirements

### Operating System:

- Microsoft Windows 2000 Service Pack 4 or later
- Microsoft Windows Server 2003, with or without any Service Pack
- Microsoft Windows Server 2003 x64 Editions
- Microsoft Windows Server 2003 R2

### Operating Systems on Domain Controllers:

- Microsoft Windows 2000 Server
- Microsoft Windows Server 2003
- Microsoft Windows Server 2003 x64 Editions
- Microsoft Windows Server 2003 R2

### Hardware:

- 1 GHz or higher Intel Pentium-compatible CPU
- 1 GB RAM recommended
- 100 MB of free disk space

### Additional Software:

- Microsoft SQL Server 2005, any edition, with or without any Service Pack
- Microsoft SQL Server 2000 Service Pack 4 or later
- Microsoft SQL Server 2000 Desktop Engine (MSDE) Service Pack 4 or later
- Microsoft Data Access Components (MDAC) version 2.7 or later
- Microsoft .NET Framework version 2.0 or later
- Microsoft Internet Information Services (IIS) 5.0 or later
- Microsoft Internet Explorer version 5.5 or later
- Microsoft Exchange 2000 Server, with or without any Service Pack
- Microsoft Exchange Server 2003, with or without any Service Pack
- Microsoft Exchange Server 2007, provided it is configured for co-existing with Exchange 2000 Server or with Exchange Server 2003.

## User and Group Lifecycle Management

ActiveRoles Server automates user and group provisioning lifecycle tasks to reduce your administrative workload and increases user access control whether the user is a new hire, intra-organization transfer or termination.

Ben Worthen, in his CIO magazine article, identified that, "Failure to segregate duties within applications, and failure to set up new accounts and terminate old ones in a timely manner..." is the number one IT control weakness among interviewed CIOs and auditors.

ActiveRoles Server provides the ability to truly de-provision rather than just delete or disable user accounts. ActiveRoles Server comes with default policies to automate some commonly-scripted de-provisioning tasks, and allows all provision policies to be tailored to an organization's specific needs.

## Involve Decision-makers within Key IT Processes

ActiveRoles Server adds to process automation the ability to accept or deny operation requests (change approval) and to monitor the execution of those requests. This complements business rules to make provisioning and de-provisioning decisions based on application or data owners input.

## Lower Administrative Costs

A dynamically configured Web interfaces allow users, business data owners and help desk personnel to perform appropriate administrative tasks on their own. This reduces support costs, while allowing you to maintain complete control of your AD environment.

## Extend Management Control

ActiveRoles Server extends management control to Unix and Linux identities, including users, groups and computers, through the optional Support Pack for Vintela® Authentication Services. Query based management views show all of the enabled identities, and business rules ensure and enforce unique user and group identification.

## The solution also includes the following functions:

**Controlled Administration:** ActiveRoles Server provides a unique administrative service that acts as a firewall around AD, so you can reliably delegate control by defining administrative roles and associated permissions and rules that are strictly enforced. This is the only way to maintain compliance with security policies.

**Automated Provisioning:** ActiveRoles Server automates user and group provisioning, including account creation in AD, mailbox creation in Exchange, and group population and resource provisioning in Windows, which helps you save valuable administrative time. ActiveRoles Server also automates re-provisioning and de-provisioning, helping to ensure an efficient administrative process over the lifetime of user account or group. This means that when a user's access needs to be changed or removed, updates in AD, Exchange and Windows are made automatically.

**User Self-Service:** With the simple assignment of self-service roles, end users can carry out self-administrative tasks, such as modifying their personal data through a simple to use self-service Web interface. Due to the reliable enforcement of business roles and rules, ActiveRoles Server makes self-administration safe and secure, while allowing IT to manage (but not necessarily participate in) these time-consuming tasks.

**Change Approval:** By providing rule-based, customizable task approvals, ActiveRoles Server decreases errors and inconsistencies in the processes of directory data management, including provisioning and de-provisioning. Robust approval procedures allow an IT process and oversight to be established and consistent with business requirements, putting efficient responsibility chains to complement the automated management of directory data in place.

**Auditing and Reporting:** ActiveRoles Server provides a complete audit trail, showing who performed what actions and who tried to perform actions that were not permitted. A rich suite of reports assists in change tracking and policy enforcement audits and Active Directory monitoring and analysis. By logging all actions in a centralized fashion, ActiveRoles Server enables administrators to quickly troubleshoot and investigate system issues.

**A Complete and Extensible Solution:** With ActiveRoles Server, you can manage key user assets, including AD accounts, Exchange mailboxes and home directories. It provides a practical approach for managing the user lifecycle, including provisioning, re-provisioning and de-provisioning. You can also customize and extend ActiveRoles Server provisioning, management, security and automation through ActiveRoles Server support for custom scripts. These scripts are subject to the same roles and rules as users so you can be confident that they will be executed properly, by the correct people, and triggered by events you define. In addition to strong scripting support, several optional add-on applications (listed below) can be added to ActiveRoles Server to provide for advanced management capabilities.

#### **Optional Add-On Applications for ActiveRoles Server:**

**Quick Connect:** Authoritative employee information may reside in data sources outside of Active Directory, such as HR or ERP applications or systems connected to Microsoft Identity Integration Server (MIIS). With ActiveRoles Server and Quick Connect, this information can be easily integrated into the user and group provisioning provided by ActiveRoles Server, so when an employee record is added or changed in one of these systems, that change is automatically reflected in Active Directory, Exchange and Windows.

**Exchange Resource Forest Manager:** ActiveRoles Server Exchange Resource Forest Manager exploits the multi-forest management capability of ActiveRoles Server by synchronizing the provisioning between a User Account Forest and the Exchange Resource Forest. Additionally, Exchange properties are projected from the Resource Forest onto the property pages of users in the User Forest for single point user account management.

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