



CASE STUDY

CUSTOM DEVELOPMENT FOR A USER IDENTITY AND ACCESS MANAGEMENT SOLUTION PROVIDER

Improved operational efficiency by 80% with the use of upgraded access management systems

Client Background

Our client is a global service provider for identity access management, cloud security, and database security solutions. They cater to individual and enterprise customers in the field of wired and wireless voice data, broadband Internet, TV, and messaging services, internet of things, hosting and cloud services, network, and security, etc.

The key objectives of the client included:

- Develop an interface/module to create a user with valid Organization ID present in the Oracle Identity Manager
- Develop an interface/module to allow adding new organizations with attributes like Management Group ID, Group PIN, and the Group Name entries
- Incorporate a functionality to update and delete an organization directly from the user interface
- Develop functionality to assign a manager to the user, created using registration

Xoriant Solution | Key Contributions

- Developed functionality to create a user using registration with the Organization ID by modifying existing SOA workflow using JDeveloper in the Oracle Identity Manager

KEY BENEFITS

- Enhanced security with thorough visibility into the user access management by upgrading the existing legacy systems
- Increased operational efficiency by 80% and facilitated faster processing of requests by reducing manual work
- Reduced complexity and streamlined processes required to manage client's business needs such as compliance, roles and privileges, audit reporting, and access control
- Improved quality of service to client's customer by mitigating the errors

- Created an email functionality using Java to notify the user about the new user request
- Allowed creating a new organization with the Management Group ID, Group PIN, and Group Name entries by writing scheduler job in Java which runs daily and synchronizes the database with Oracle Identity Manager
- Developed an interface and custom application to update and delete the organization, update roles and assign a manager to a user created using registration by writing an event handler in Java which is executed when an event triggers it
- Mitigated the risk associated with sensitive and data by implementing authentication mechanisms to validate authorized access to confidential resources, thus enhancing security
- Helped client to achieve continuous compliance by defining policies, preventing violations, validating controls, and monitoring risks

Technology Stack

**Oracle HTTP Server | Oracle Access Manager | WebLogic Server | Oracle Identity Manager
Java 1.7 | JDeveloper | SQL Developer | Oracle Internet Directory | Oracle Virtual Directory**



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