

IdM Migration: Leading Global Security Company

Client is a leading global security company providing innovative products and solutions in unmanned systems, cyber, C4ISR, and logistics and modernization to government and commercial customers worldwide.

KEY CHALLENGES

The client needed to migrate from their end of life SUN IdM to Oracle's solution. They also needed help streamlining existing IAM processes and to refine and simplify the existing implementation.

Identity and Access Management Migration

- Migrate the current Sun Identity Management system to Oracle Identity Manager (11gR2)
- No impact to business continuity
- Support all ongoing upgrade initiatives for workstations and other applications.

Security and Compliance Requirements

- Robust capability for access monitoring
- Consistent de-provisioning capability
- Improve Job-change and transfer processes

Infrastructure Optimization

- Setup the infrastructure to be robust, highly available, secure and reliable
- Improve performance

User Productivity

- Onboarding process was manual & error prone with multiple touch points
- Additional access process was cumbersome and time consuming

SDG SOLUTION

G SDG accomplished this by doing an assessment of the existing implementation and identified the process deficiencies, improvement areas and pain points. Designed a robust approach for migration using SDG's proprietary connector bridge framework. Refined role based access and introduced improved lifecycle event management and access review processes.

- **Phased Migration Approach** – Multiple phases to support parallel migration by dividing the responsibility of resource management.
- **Connector Bridge** – Provided a seamless integration between SIM adaptors and OIM connectors. Provided option of data push during the migration phase. Easy deployment or rollback.
- **Provisioning** – Phased migration of all provisioning components to OIM using connector bridge frameworks, OIM membership rules and role based access policies.
- **Data Migration** – User data, passwords including expiration, password history, challenge questions, roles and membership, delegated administration.
- **Access Policies** – Defined the membership rules with access policies, event handlers for business logic.
- **Form Customization** – Complex logic built into the process forms for masking or unmasking the data using process tasks.
- **Delegated Administration and scoping** – Scoping of entities like user, roles and other objects. Handled OIM user scoping exceptions using OES and role exceptions using managed beans.
- **Reports** – OIM BI publisher reports covering user access, rogue accounts, exception reports etc..
- **UI Customization** – ADF customization for adding new page sections, AJAX refresh using managed beans. Handled scoping exceptions from oracle using OES and managed beans

BENEFITS DELIVERED

G Our migration solution provided a seamless migration of different types of adaptors, enabling business as usual without any immediate training needs. Provided multiphase migration approach designed to align with ongoing business initiatives and system upgrades to avoid any disruption to business.

G Provided a highly available and secure clustering setup. Complete with disaster recovery and load balancing.

G Introduced clean approval and user lifecycle event management workflows. Including resource owner based certification reviews to manage exceptions and transmute access.

SDG

[technology + passion] - risk

SDG is a leading provider of technology, consulting and risk management solutions and services to strengthen enterprise businesses while managing IT risk. We focus on: Risk and Security; Identity and Access Governance; Digital Collaboration; Quality Assurance; Mobility and Cloud. We combine technology, thought leadership and a relentless passion for customer success.