simeio

Simeio Success Story

Client Profile ˅

A leading global securities services provider clearing over 16 million trades each day, covering 85 of the world's leading exchanges across Europe, the Americas and Asia-Pacific.

Objective

Replace the legacy workflow management system in a very short amount of time. The existing system was a critical application for managing the registration and access permissions for external customers who needed access to the client's IT systems. The mainframe system's functionality included:

› An Authorization System used for User Administration and assignment of access.

› Application provisioning of LDAP Groups and Certificates for Web Access Management

› Administration of Certificates issued to end-users

As this application was being sunset, the client had two primary objectives:

1. Conduct an assessment of multiple open source vendors with a focus on requirements, gap analysis and recommendations
2. Architect, design and implement a ready-for-use solution in the client's production environment

Key Challenges

› In-house workflow management system being sunset

› Managing and identifying access related risks for external identities

› No effective Segregation of Duties controls (no effective multi-eye principle while approving access)

› No streamlined customer on-boarding and user management process

› Manual efforts were costly and led to an inefficient remediation process

› Potential risk for threat if access is granted inaccurately

Contact Us ˅

New Jersey – Headquarters

Hoboken Business Center
50 Harrison Street, Suite 304
Hoboken, NJ 07030

Phone: +1-201-239-1700

Key Solution Highlights

Simeio Solutions was instrumental in helping the client define a strategy and evaluate some of the key technologies right from the pre-project kick off. Simeio held multiple workshops with the entire project team to understand the current state, define requirements for the future state and present recommendations. The objectives were met in two separate phases.

Phase 1 was focused on requirements definition, evaluation of vendors, a gap analysis and recommendations. This was achieved by:

1. Reviewing current state policies, procedures and architecture documents
2. Reviewing current state workflows in terms of approvals, delegation and request tracking
3. Determining the applications and services to be integrated
4. Defining a requirements catalogue (functional and non-functional) and mapping the current state to future state requirements for workflow management and provisioning
5. Defining a Business Process Model along with candidate IAM Architectures
6. Presenting the key findings with gap analysis, recommendations and a proposed implementation plan roadmap

An Identity Management vendor was selected having started as an open source offering and because of its Open and Modular Architecture, Highly Scalable, Lightweight and Adjustable Architecture, the overall ease of implementation, its simple and flexible business friendly user interface and because it is an extremely cost effective solution.

Phase 2 of the project involved the implementation of the selected Identity Management solution. Key solution highlights included:

1. Providing a Web-based user interface with zero client footprints for the client's end users to interact with the solution
2. Implementing key business processes such as Registration of Customers, request-based process for provisioning Digital Certificates and LDAP Groups
3. Defining Workflow approvals for managers and Service Desk teams to approve changes requested by applying 'multi-eye principles'
4. Provisioning digital certificate information and user group permissions to two LDAP systems used by Managed PKI and IBM's Access Manager (TAM)
5. Providing email based notification capabilities by integrating with the client's email system to communicate with customers for instructions, messages, and workflow approvals
6. Building an internal repository for storing global users and their LDAP group assignments

Outcome

Simeio Solutions was successfully able to coordinate with the client across various regions and time zones and deliver this project in a very tight time frame.

Simeio was able to take the client live into production and ensured that the client was able to meet all requirements for implementing a provisioning and workflow management solution. The key benefits of this implementation were:

› Reduction of time and gain in efficiency of Service Desk teams and Relationship Managers
› Improved audit trail of users, accesses, approvals and requests
› Effective 4-eye principle enforced for Service Desk teams
› Streamlined process from Registration of Customer and provisioning of access to remediation
› Foundation to integrate with additional key applications for provisioning

Next Steps

As a part of the next phase, the client has engaged Simeio Solutions to define, design and implement a technical solution leveraging the entire Identity Management product suite to accomplish the following requirements:

› Roll-out a web access management solution for Single-Sign-On functionality for all internal and customer facing Applications with Windows Authentication using Kerberos and SAML

› Provide a federated SSO solution for SaaS applications
› Complete an evaluation and roll-out of an access certifications solution