



White Paper

Modernize Access Security for PeopleSoft with ForgeRock

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At many organizations, mission-critical enterprise applications like Oracle's PeopleSoft have been in service for years and are deeply integrated with numerous IT systems and business processes, such as payroll and purchasing. However, the rapid pace of digital transformation has pushed these systems into the "legacy" category, especially with respect to identity and access security.

For example, most PeopleSoft customers use the 11gR2 access management software that was originally included as middleware. Besides the fact that it provides poor support for modern access management security, Oracle is [ending support for this software](#)¹ by December 2020. With extremely limited viable options for upgrades competing with urgent requirements for improved security and budget constraints, organizations need a better option.

Thankfully, you can now modernize and secure your PeopleSoft implementation without the need to rip and replace. With ForgeRock modern access security, you can protect your PeopleSoft application (and any other applications) with numerous multi-factor authentication options (including smart card) and provide seamless single sign-on access – whether based on a local Microsoft Windows workstation login or a federated login from a trusted third party.

At ForgeRock, we specialize in helping organizations like yours coexist with applications like PeopleSoft and their related legacy identity and access management (IAM) systems, such as Oracle Access Manager. We provide out-of-the-box accelerators to get you up and running quickly and seamless migration tools for when you're ready to migrate away from your legacy IAM systems.

Legacy IAM No Longer Adequate

There's more pressure than ever to deliver modern access security in today's budget-constrained environment. New demands require new technology that is interoperable across digital ecosystems and is capable of knowing, securing, and serving your audience at any touchpoint. The foundation to enabling digital success is identity and access management (IAM), yet many organizations struggle with legacy IAM software.

Legacy IAM software slows digital transformation efforts. Siloed and inflexible identity solutions increase security risks and provide suboptimal user experiences while interoperability and scaling issues inflate operating costs. However, legacy IAM software can't be ripped out and

replaced overnight. The risk, expense, and time required to retire these solutions and implement entirely new ones is a significant challenge for most organizations.

The demands of digital transformation require IAM technology that can seamlessly interoperate across your ecosystem, identifying and providing secure access to your workforce, consumers, and connected things at any touchpoint. The prospect of migrating to a new solution is daunting. But you don't have to suffer the pain, risk, and expense of ripping out your legacy identity solutions to get the benefits you need to compete in the digital landscape.

¹ See Pg. 38 of the 'Oracle Lifetime Support Policy for Oracle Fusion Middleware Guide'

ForgeRock Solution Overview

ForgeRock provides a simple, flexible approach that enables you to coexist and migrate legacy identity management systems like Oracle Access Manager and provide modern security for your PeopleSoft applications. With our standards-based identity and access management platform, you can quickly and easily build on your existing investments and streamline operations. Most importantly, you can make migration to ForgeRock seamless and invisible to your users.

We manage identities and access to power your digital enterprise

100+ inputs for identity, orchestration and dynamic access decisioning

Business Context

Transactions
Resources, Scopes

Security Context

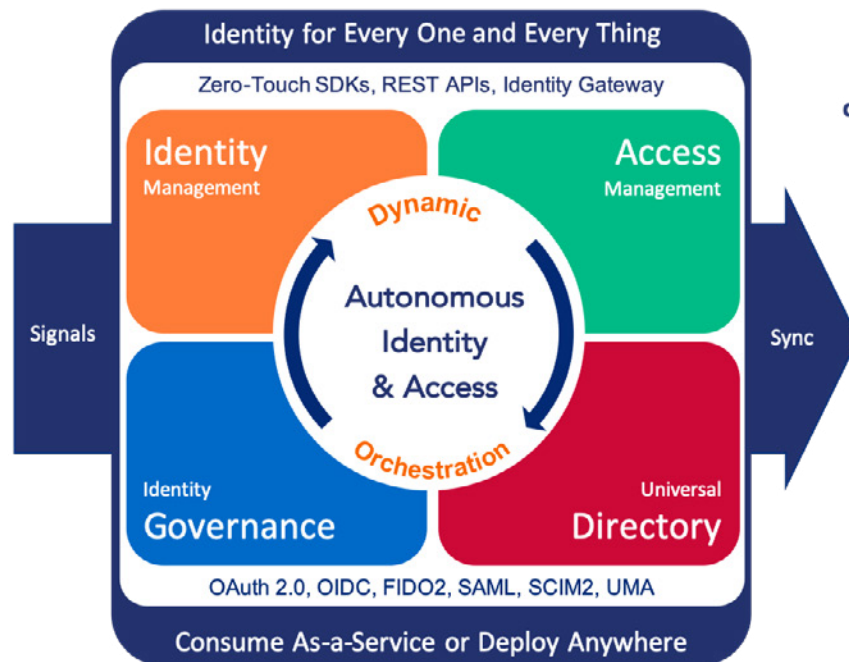
AI/ML, Fraud,
Security, Behavior

Identity Context

Identity Proofing,
Social

Relationship Context

User-User and
User-Device
relationships



Send rich signals throughout the digital enterprise for security and agility

Cyber Security
Operations & SIEM

eKYC/Customer
Profiling

Omnichannel
Experiences

CRM, ERP, HR, and
other business
applications

Regulatory
Compliance

Data Lakes and
Data Warehouses

Figure 1: The ForgeRock Identity Platform

Faster Migration to Modern Identity & Access Management

ForgeRock's IAM Accelerators improve time-to-value for migrations, specifically in the areas of user migration and single sign-on (SSO) between legacy access management systems and the ForgeRock platform when a coexistence strategy is employed. Complex legacy deployments of IAM with many applications often require migration waves over time to minimize operational impact. This drives a need for a coexistence strategy between the legacy vendor and ForgeRock, which is enabled by SSO.



Figure 2: Functional Steps Included in SSO Authentication Tree

Bulk user migrations can be complex because of mappings between the legacy and new IAM platform. Just-in-time (JIT) provisioning helps customers save time and effort without sacrificing user experience, especially when it's impossible to export passwords from a legacy system in a bulk manner.

ForgeRock has three Accelerators to address your modernization needs: Bidirectional Coexist – Core, Bidirectional Coexist – Edge, and Bulk User Migration. You can choose the optimal Accelerator (or combination) based on your selected migration strategy.

For all three Accelerators, ForgeRock has developed a pluggable framework that can be extended to specific legacy systems. For example, an out-of-the-box authentication tree is included for bidirectional SSO (see Figure 2) that handles invalid authentication attempts, password synchronization, and more. The authentication nodes can be easily extended to most legacy systems with plug-ins.

The pluggable system, plug-ins, reference architectures, code, and configuration provided as part of the Modernize IAM Accelerators have been designed to expedite migration from legacy vendors to ForgeRock by more than 25%.

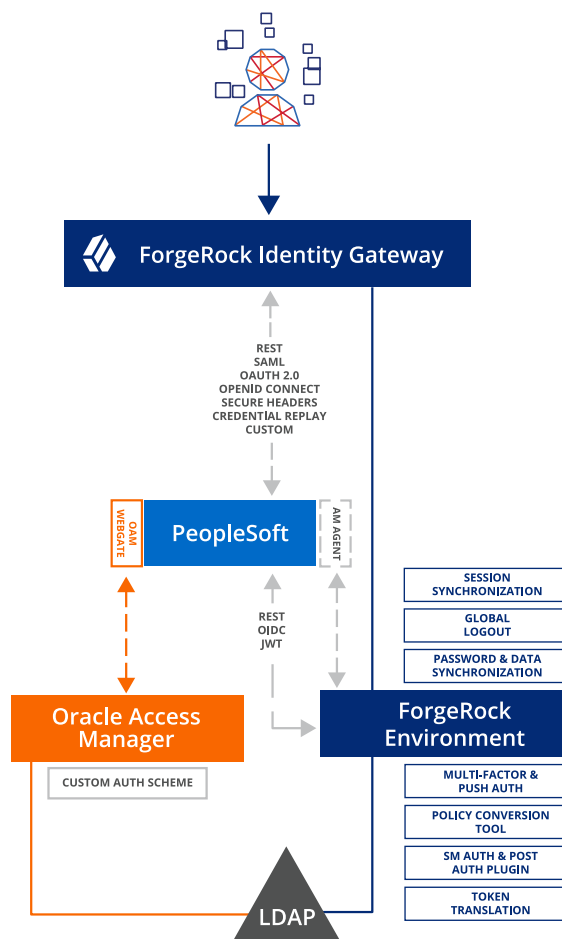


Figure 3: Example of a Migration Topology

Features and Benefits of ForgeRock IAM Accelerators

- › Migrate any complex legacy AM system with a coexistence strategy.
- › Show immediate value by adding new capabilities (examples: Intelligent Auth, MFA, OTP, Full [Trust Partner Network Tech](#), and test migration segments).
- › Accelerators are available at no cost and can be easily extended by customers and partners.
- › Provide support for credential migration with passwords.
- › ForgeRock has tested and standardized the approach to user migrations (JIT and bulk) and SSO from legacy systems to ForgeRock.
- › The modular, pluggable, and flexible system adapts to the selected migration approach.
- › Templates are included for bulk migration.

Deployment and Support

ForgeRock [Deployment Support Services](#) are available to support the implementation and use of the ForgeRock Modernize IAM Accelerators.

Make a Strategic Decision

When every dollar counts, [make a strategic identity and access decision with ForgeRock](#). With the only full-suite IAM system in the industry, addressing your PeopleSoft needs is just the beginning. From the toughest legacy systems to the most cutting-edge applications, ForgeRock can handle all of your organization's identity and access management needs.

More Information

- › [Contact us](#) today to start your modernization journey.
- › [Get more information](#) on our Modernize IAM Accelerators.
- › [Read the White Paper](#): "How To Migrate from Oracle® Access Manager to the ForgeRock® Identity Platform."

About ForgeRock

ForgeRock, the leader in digital identity, delivers modern and comprehensive Identity and Access Management solutions for consumers, employees and things to simply and safely access the connected world. Using ForgeRock, more than a thousand global customer organizations orchestrate, manage, and secure the complete lifecycle of identities from dynamic access controls, governance, APIs, and storing authoritative data – consumable in any cloud or hybrid environment. The company is privately held, and headquartered in San Francisco, California, with offices around the world. For more information and free downloads, visit www.forgerock.com or follow ForgeRock on social media.



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