

# ORACLE IDENTITY MANAGEMENT FOR THE HEALTHCARE INDUSTRY

## KEY FEATURES AND BENEFITS

- Most comprehensive, best-in-class identity and access management suite
- Secures applications and improves user experience
- Centralizes and automates user administration processes
- Clinical Context (CCOW) integration support ready
- Automated contextual provisioning to enterprise and clinical applications
- Integrated context sensitive role management
- Transparent audit data collection & consolidation
- Simplified compliance reporting
- Proactive threat detection
- Hot-pluggable and open

*Oracle Identity Management enables healthcare organizations to manage the end-to-end lifecycle of user identities across all enterprise resources. Organizations can now deploy a security infrastructure that will enhance the user experience, simplify security management through the use of enterprise roles and provide a central point of audit in support of the organization's compliance initiatives.*

## Introduction

Satisfying compliance regulations and mitigating the risks associated with insider threats are two of the top security challenges healthcare payers and providers face today. Health Insurance Portability and Accountability Act (HIPAA), Gramm-Leach-Bliley (GLBA), Sarbanes-Oxley (SOX), Basel II, the PATRIOT Act of 2001, the Privacy Act of 1974, and various regional privacy directives are just a few of the regulations and industry standards healthcare organizations face in today's global business environment. Organizations not only have to protect sensitive information, but they also need to monitor access to sensitive information for compliance and potential threats. This becomes a challenging task in a constantly changing environment where granting appropriate and timely access to information is critical. Oracle Identity Management addresses how organizations can effectively authenticate people, manage their access to confidential information, and audit the transactions that flow between the various systems by providing:

- Centralized application access control
- Support for strong, multi-factor authentication, allowing the organization to meet HSPD-12 and similar mandates
- Enterprise single sign-on for simplifying user access to applications while maintaining corporate password policies
- Real-time risk analysis and access prevention based on events and rules
- Centralized management of roles, role membership and associated access privileges with automated routine account management activities
- A secure and highly scalable audit warehouse, enabling simplified reporting, analysis, and threat detection on audit data

## ORACLE IDENTITY MANAGEMENT PRODUCTS

### Oracle Access Manager

delivers critical functionality for access control, single sign-on, and user profile management in the heterogeneous application environment.

### Oracle Identity Federation

enables cross-domain single sign-on with the industry's only identity federation server that is completely self-contained and ready to run out-of-the box.

### Oracle Enterprise Single Sign-On

provides users with unified sign-on and authentication across all their enterprise resources, including desktops, client-server, custom and host-based mainframe applications.

### Oracle Adaptive Access

**Manager** provides web access real-time fraud detection and multifactor online authentication security for the enterprise.

**Oracle Identity Manager** is a powerful and flexible enterprise identity provisioning and compliance monitoring solution that automates the creation, updating, and removal of users from enterprise systems such as directories, email, databases, and ERP.

**Oracle Role Manager** is an authoritative source for role lifecycle management that leverages business policy and organizational data to automate role based provisioning and access control.

## Access Management

Healthcare organizations are being challenged to ensure privacy and security of patient health records, strengthen user authentication, and simplify user experiences across clinical and enterprise applications running in heterogeneous environments.

**Oracle Access Manager** delivers a highly robust solution for providing manageable, secure, access control to applications based on business policies. Its scalable architecture supports some of the largest Payer and Provider organizations, while its delegated administration makes it easy to distribute responsibilities for user administration to different departments or locations. Federating user communities allows organizations to partner with external service providers, who can interact directly with patients, while still ensuring policy compliance. **Oracle Identity Federation** implements standards-based web technology, which makes these kinds of interactions possible. **Oracle Adaptive Access Manager** protects user identity through a form of mutual authentication such that a user can be sure they are transacting with the intended organization before providing any confidential information. Further, the system can analyze user behavior in real time and shut down any session that is determined to be fraudulent or outside of business policy. With **Oracle Enterprise Single Sign-On** users can authenticate once and then have the system perform future authentications against all their applications. This gives medical professionals the ability to walk up to a shared hospital terminal, wave an ID badge, and then securely access all necessary applications.

## User Provisioning and Role Management

Healthcare organizations are in constant flux, making the task of granting appropriate and timely access to information a critical challenge. **Oracle Identity Manager** meets this need by centralizing and automating the management of user accounts and access privileges within the enterprise. **Oracle Role Manager** allows users to be assigned privileges based on their specific job requirements, and re-assigns privileges as roles within the organization change. This enables an organization to grant personnel the appropriate access at the proper time so that individuals can effectively perform their work. At the same time it prevents security holes and compliance violations symptomatic of manual provisioning processes. Compliance features such as pre-defined "who-has-access-to-what" reports and attestation automation ease the burden of regulatory requirements.

**ORACLE IDENTITY  
MANAGEMENT PRODUCTS**

**Oracle Internet Directory** is a robust and scalable LDAP V3-compliant directory service that leverages the high availability capabilities of the Oracle 10g Database platform.

**Oracle Virtual Directory** provides Internet and industry standard LDAP and XML views of existing enterprise identity information, without synchronizing or moving data from its native locations.

**Oracle Web Services Manager** is a comprehensive solution for adding policy-driven security and management capabilities to existing or new Web services.

**Directory Services**

Management and security of user identity information is a paramount concern for Healthcare organizations. **Oracle Internet Directory** is a secure repository for user identity data that combines the mission critical strength of the Oracle Database with the open compatibility of the LDAP v3 directory standard, resulting in a user identity store that is scalable, secure and delivers the high availability required for provider or patient portals. Mergers and acquisitions have left organizations with multiple types of user directory stores. Consolidation of these directories can be challenging and costly. **Oracle Virtual Directory** supports rapid deployment of new applications by providing a real-time, virtual view of identity data from any data-store including directories, databases and Web Services, without synchronization.

**Conclusion**

Oracle Identity Management offers the solutions healthcare organizations need to address the unique challenges they face with an integrated, standards-based and open set of products that fit into existing infrastructures. The results are less time spent integrating disparate components and the backing of the world's largest enterprise software company. Visit [www.oracle.com/identity](http://www.oracle.com/identity) for more information.

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