

# ORACLE'S ACCESS MANAGEMENT SOLUTION

## KEY FEATURES AND BENEFITS

- Most comprehensive, best-in-class access management suite
- Integral security component of Oracle Fusion Middleware
- Highly-scalable access control for packaged, J2EE and web applications
- Industry-leading strong authentication and risk-scoring technology for real-time fraud detection
- Standards-based solutions for federated authentication across security domains and centralized fine-grained authorization policy management
- Secures applications, improves user experience and lowers costs of regulatory compliance and reporting

*Oracle offers a complete solution for securing enterprise application environments. It features out-of-the-box protection for packaged applications such as Oracle E-Business Suite, PeopleSoft, and Siebel, as well as web application servers such as BEA WebLogic and IBM WebSphere. Organizations that deploy Oracle's access management solution manage IT risks while saving money by reducing administration overhead.*

## Introduction

Technology has provided enterprises with new opportunities to share information with employees, customers and supply chain partners. At the same time, technology has increased the vulnerability of enterprises to fraud and liability and has heightened management and customer concerns about information security. Oracle addresses these opportunities and challenges with a complete application access management solution. Oracle's access management solution delivers centralized access control to multi-vendor environments, risk management for online applications, identity federation, enterprise authorization policy management and single sign-on to Oracle applications.

## Centralized Access Control for the Heterogeneous Environment

Enterprises with large user populations and multi-vendor application environments are challenged to centralize access management, implement single sign-on, administer users efficiently and comply with regulatory mandates. **Oracle Access Manager** delivers scalable identity management and access control for heterogeneous environments with an integrated, standards-based solution for authentication, web single sign-on, access policy creation and enforcement, user self-registration and self-service, delegated administration, reporting, and auditing. Oracle Access Manager supports all major web servers, application servers and directory services. It helps secure web, J2EE, and enterprise applications while reducing cost, complexity, and administrative burdens.

## Strong Authentication and Fraud Detection for Online Applications

As companies leverage the internet for sales, self-service, and supply chain management, online security becomes a major concern. **Oracle Adaptive Access Manager** delivers superior protection for businesses and their customers through strong multifactor authentication security and proactive, real-time fraud prevention. Leveraging patent-pending technology, Oracle Adaptive Access Manager provides online applications with device-free, strong mutual authentication. Oracle Adaptive Access Manager also provides real-time risk scoring to identify potential fraud at multiple points in a transaction. Oracle Adaptive Access Manager allows enterprises to manage their risk profiles cost effectively as they move critical business processes to the web.

## 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 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 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 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.

**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 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.

### Identity Federation for Cross-Enterprise Collaboration

Building federated user communities that span company boundaries represents an opportunity for businesses to implement consumer product cross-selling strategies, streamline suppliers' access to their extranet applications, and respond quickly to organizational changes such as mergers and acquisitions. **Oracle Identity Federation** makes these interactions possible with a multi-protocol federation server implementing standards-based web technology. Oracle Identity Federation enables organizations to securely link accounts and identities across administrative boundaries without a central user repository or the need to synchronize data stores. Oracle Identity Federation provides an interoperable way to implement cross domain single sign-on for vendors, customers and business partners without the overhead of managing, maintaining and administering their identities and credentials.

### Authorization Policy Management for the Enterprise

As enterprises successfully gain control over their access management requirements, more are looking to centralize management of fine-grained authorization policies embedded within the applications themselves. New standards help make this feasible across applications and vendor environments. **Oracle Fine-Grained Authorization** provides centralized, standards-based policy management and distributed policy enforcement across the enterprise environment based on the Extensible Access Control Markup Language, or XACML, standard. The benefits of centralizing policy management include improved ease of administration, consistent policy enforcement and improved compliance.

### Single Sign-On for the Oracle Enterprise

With Oracle Fusion Middleware, enterprises can develop and deploy packaged, third party and custom applications to a variety of locations and user populations. **OracleAS Single Sign-On** provides centralized authentication for all of these applications including Oracle E-Business Suite, PeopleSoft and Oracle Portal. Centralizing authentication to applications is the first line of defense in securing them, and providing users with single sign-on access improves security and encourages good credential management practices.

### Conclusion

Oracle delivers the most complete access management solution in the industry. Oracle's access management solution strengthens information security, helps enterprises satisfy audits and improves the user experience, all with 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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