



## Cloakware Password Authority™ and Oracle Identity and Access Management Suite™

### KEY BENEFITS

- Integration with Oracle Identity and Access Management Suite.
- Can be implemented without changes to existing runtime applications.
- Automating password management eliminates the labor and system downtime needed to change application passwords manually.
- Prevents service outages caused by wrong or missing passwords.
- Reduces costs; increases business continuity.
- Supports compliance with regulatory identity management requirements.
- Enforces password release policies.
- Enables detailed password audits.

### KEY FEATURES

- Automates the lifecycle management of administrator and application privileged passwords by using Oracle directory as authorization and authentication point “on-demand” through LDAP integration.
- Centralized, secure application credential storage and retrieval from Oracle Database.
- Actively checks for and prevents violations of password policy.
- Reduces compliance costs.
- Manages millions of credentials.
- Highly scalable, high-availability architecture.
- Reporting for audit purposes

Controlling access to key applications and data through the manual assignment of usernames and passwords is no longer a viable option for any organization.

Managing who has access to what data, and from where has become critical. As tougher audit and compliance legislation is enforced across industries, ensuring the right level of access to data and identifying who is accessing that data, is mandatory.

As more high-profile data breaches come to light, companies are realizing the need for additional security measures to protect their vital data from the insider threat. This needs to be balanced with ensuring adequate access rights to secure information for appropriate resources and meeting compliance regulations.

Cloakware leverages the power, scalability and integration capabilities of the Oracle Identity and Access Management Suite to deliver a comprehensive solution to the management of all identities within an organization including end-user, administrator and embedded/application-to-application identities.

The Cloakware Password Authority solution was inspired, designed and created specifically to solve the privileged password management challenges faced by large organizations with tens of thousands of servers, devices and applications and potentially hundreds of thousands of privileged accounts. From the outset, Cloakware recognized that this was not only an issue of security but also of conforming to existing operating standards while meeting the demands of operational efficiency and cost avoidance within an organization. To those ends, the Cloakware approach to Password Authority’s design was to leverage the existing, proven datacenter capable solutions from Oracle for its operating components rather than creating a closed, proprietary system.

## ABOUT CLOAKWARE

Cloakware, an Irdeto company and part of the Naspers group, provides innovative, secure, proven software technology solutions that enable customers to protect business and digital assets in enterprise, consumer and government markets. Cloakware's two main product lines include; Cloakware Datacenter Solutions which help organizations meet governance, risk management and compliance (GRC) objectives for privileged password management while ensuring business continuity and the security of mission-critical data and IT infrastructure. Cloakware Consumer Product Solutions protect software and content on PCs, set-top boxes, mobile phones and media players. Protecting more than one billion deployed applications, Cloakware is the security cornerstone of many of the world's largest, most recognizable and technologically advanced companies. Headquartered in Vienna, VA and Ottawa, Canada, Cloakware has regional sales offices worldwide.

[www.cloakware.com](http://www.cloakware.com)

## CONTACT INFORMATION

### Corporate Headquarters

Cloakware Inc.  
8219 Leesburg Pike, Suite 350  
Vienna, VA, USA 22182  
Tel. +1.703.752.4830

### Canada

Cloakware Corporation  
84 Hines Road, Suite 300  
Ottawa, ON, Canada  
K2K 3G3  
Tel. +1.613.271.9446

[www.cloakware.com](http://www.cloakware.com)



## Integration with Oracle Identity and Access Management Suite

Password Authority leverages multiple integration points of the Oracle Identity and Access Management Suite, including:

**Oracle Identity Manager (OIM)** - Password Authority leverages the provisioning integration between Oracle Identity Manager and Oracle Internet Directory for the authentication and authorization of Password Authority users. Password Authority's administration API's enable direct integration with OIM.

**Oracle Internet Directory (OID)** – Password Authority integrates with OID as an authentication and authorization source for the users of the Password Authority solution. OID can be used as a complete external user store or in conjunction with Password Authority's internal user store. Password Authority can manage the passwords for accounts stored in OID.

Other components from Oracle's Fusion Middleware product line that were leveraged include:

**Oracle Database 11g Real Application Cluster(RAC)** - Password Authority makes use of the Oracle database as its secure repository for all passwords and is capable of supporting a geographically distributed database installation. Password Authority is also capable of maintaining and releasing Oracle Database passwords to both humans and applications.

**Oracle WebLogic Server** – Password Authority automates the run-time replacement of current passwords in connection strings/connection pools and the management of WebLogic administrator accounts.

**Oracle Business Intelligence (BI) Publisher** – Password Authority's repository schema is available to authenticated and authorized users of the BI Publisher reporting solution for the creation of custom reports.

## Benefits of the Cloakware-Oracle Solution

Cloakware Password Authority is a standards-based, J2EE architected product created to protect the most sensitive and critical passwords of any organization. Architected to scale to meet the performance and availability demands of the world's largest organizations, Password Authority offers deployment options not available in competing solutions. When integrated with the Oracle Identity and Access Management Suite, it enables customers to securely store and manage privileged passwords for human administrators and runtime applications as a natural extension to their existing Identity & Access management efforts and expenditures.

## About Oracle

Oracle (NASDAQ: ORCL) is the world's largest business software company. For more information about Oracle, please visit our Web site at <http://oracle.com>