

# ORACLE ENTERPRISE SINGLE SIGN-ON SUITE

## KEY FEATURES AND BENEFITS

- True single sign-on for all the applications and resources in the enterprise, with no modification required to existing applications
- Saves end users time and aggravation in having to remember and manage dozens of separate passwords and usernames
- Saves helpdesk time and money in responding to user requests to reset forgotten passwords, providing very high ROI
- Vastly improves password security and eliminates "password sharing", since passwords are now random, strong, and hidden.
- Enables users to securely reset their own Windows passwords, providing additional convenience and cost savings
- Supports secure deployment in "kiosk" environments, where users roam between various workstations, each of which supports multiple users.
- Enables seamless retrofitting of strong, multifactor authentication to the desktop and to all legacy applications, thus meeting mandates such as HSPD-12, and positioning the enterprise for the upcoming convergence of logical and physical security
- The Enterprise Single Sign-on Suite is composed of five integrated components: Logon Manager, Password Reset, Authentication Manager, Kiosk Manager, and Provisioning Gateway

*The Oracle Enterprise Single Sign-On Suite (eSSO Suite) is a proven solution that works with all of your applications, without a lengthy and complex implementation effort. Whether you are deploying strong authentication, implementing an enterprise-wide identity management initiative, or simply focusing on the sign-on challenges of your users, Oracle's eSSO architecture supports your technical requirements and computing environment. One simple solution simultaneously provides huge usability improvements for end users, indirect cost savings from decreased employee downtime, and high ROI through direct savings in helpdesk costs, while providing vastly improved security for all the applications in the enterprise.*

### Proven, Secure Single Sign-On

The biggest user complaint with computers is "passwords", and one of the biggest security weaknesses in computer networks is poor password selection and management. A solution for unified authentication and application sign-on has long been seen as the holy grail of both user convenience and computer security. With the Oracle eSSO Suite, users logon once, and eSSO does the rest, automating every password management function, including logon, password selection, and password change and reset. In delivering single sign-on to all your applications, Oracle eSSO eliminates the security risks brought about when employees write their passwords down on sticky notes or store them in their PDA. Weak and stale passwords can be a thing of the past when eSSO enforces strict password policies, even for applications that do not enforce it themselves. eSSO keeps passwords and related data protected wherever they are located, in your directory, in transit from the directory to the client, in client local disk cache and in client memory, and uses the strongest cryptography available, including TripleDES and AES. And Oracle eSSO's FIPS 140-2 compliance helps financial institutions, government agencies, healthcare and other organizations comply with the stringent privacy and security regulations that govern their operations.

### Rapid Cost Recovery through High ROI

In most organizations, employees must remember from 5 to 30 passwords and are required to change some of them as often as every 30 days. It may be difficult to see the time wasted entering, changing, writing down, forgetting and resetting passwords because it is lost in small increments, but it all adds up. Productivity losses are not limited to just your users. Companies often attribute 30% or more of

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## ORACLE IDENTITY MANAGEMENT PRODUCTS

### Oracle Access Manager

delivers critical functionality for access control, web 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.

their help desk calls to password problems. For a 10,000-person organization, that's millions of dollars annually. By automating sign-on and eliminating users' need to manage passwords, Oracle eSSO significantly reduces help desk costs and enables you to recover lost productivity. This makes it possible for organizations to recover the cost of the software in months, while generating an ROI well in excess of 100%.

### Enabling Strong Authentication with eSSO Authentication Manager

Today's world is rapidly moving away from passwords, and towards strong authentication. But what to do about the thousands of legacy applications which use passwords? Oracle eSSO Authentication Manager seamlessly retrofits strong authentication, of all major varieties, to all of your legacy applications, thus increasing security, allowing compliance with mandates such as HSPD-12, and putting the enterprise in a superb position to take advantage of the coming convergence between physical and logical security.

### Additional Cost Saving using Oracle eSSO Password Reset

The most commonly forgotten password is the windows desktop password itself. Oracle eSSO Password Reset allows users to securely reset their own desktop password, based on their ability to correctly answer a configurable number of score-weighted personalized questions. This saves both time and money for traditional password-based user communities, as well as providing an important fallback for strongly authenticated users who happen to have misplaced their smart card.

### Support Roaming Users with Oracle eSSO Kiosk Manager

Some computing environments are characterized by "kiosk" style deployments, where users move through a variety of stations in the course of performing their daily responsibilities. Although meeting the requirements of such environments has been problematic in the past for most single sign-on products, Oracle eSSO Kiosk Manager is specifically designed to accommodate just such a use case.

### Summary

In a world where security and usability almost always work at cross-purposes to each other, and where every incremental increase in security typically comes at the cost of a degradation of usability, the Oracle eSSO Suite stands out as a product which offers compelling improvements in security, and at the same time is highly esteemed by the end-user population for the comprehensive improvements in usability it brings. And not only are the indirect cost savings from reduced user downtime of inestimable value, the product pays for itself in record time from a reduction in direct costs derived from reduced helpdesk staff hours.