**Oracle® Enterprise Single Sign-on
Kiosk Manager**

Release Notes

Release 10.1.4.1.0

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Oracle Enterprise Single Sign-on Kiosk Manager Release Notes, Release 10.1.4.1.0

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Abbreviations and Terminology

Following is a list of commonly-used abbreviations and terminology.

Abbreviation or Terminology	Full Name
Administrative Console	ESSO-LM Administrative Console
Agent	Logon Manager
FTU	First Time Use Wizard
ESSO-AM	Oracle Enterprise Single Sign-on Authentication Manager
ESSO-PG	Oracle Enterprise Single Sign-on Provisioning Gateway
ESSO-KM	Oracle Enterprise Single Sign-on Kiosk Manager
ESSO-LM	Oracle Enterprise Single Sign-on
ESSO-PR	Oracle Enterprise Single Sign-on Password Reset

Oracle Enterprise Single Sign-on Kiosk Manager 10.1.4.1.0

Oracle® is releasing version 10.1.4.1.0 of Oracle Enterprise Single Sign-on Kiosk Manager (ESSO-KM). These release notes provide important information about this release. The information in this document supplements and supersedes information in the related product documents.

What's New in ESSO-KM 10.1.4.1.0

ESSO-KM delivers a secure, easy-to-use, and easy-to-administer solution that addresses the needs of traditional single sign-on in a kiosk environment. ESSO-KM has a client-side agent that is capable of running scripts and ending tasks triggered by events as well as suspending and closing inactive sessions.

The major new features of this product include:

New User Interface for Desktop Manager

The Desktop Manager is the logon interface that manages the ESSO-KM sessions on the kiosk. In previous versions, the Desktop Manager was a white full screen interface. In this release, the Desktop Manager has a new look and feel.
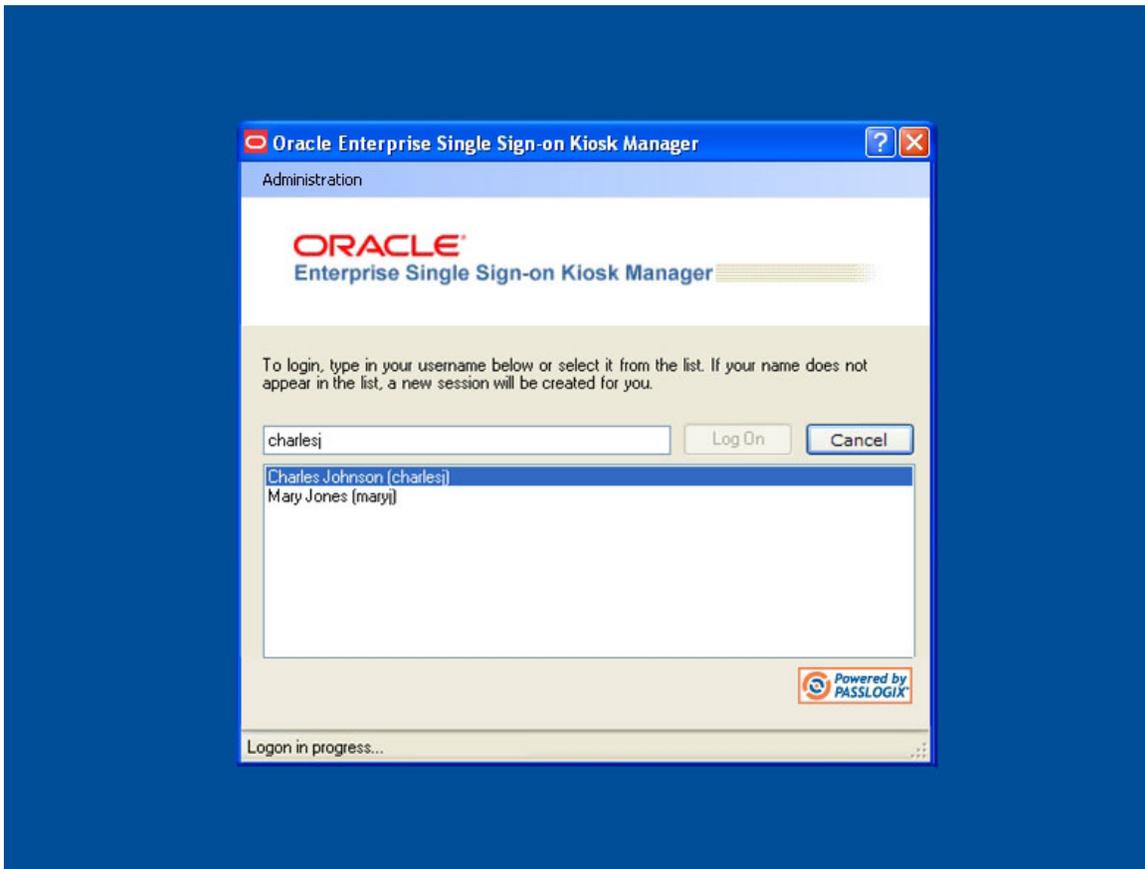
End users can start and unlock sessions from this dialog. Administrators can terminate sessions, shut down the computer, restart the computer, and exit ESSO-KM from the Administration menu.

For information on the Desktop Manager, refer to the *ESSO-KM Administrator Guide* or the *ESSO-KM User Guide*.

Multiple User Sessions

In many instances of kiosk deployment, the same few users share the same machine during a shift. In previous releases, when one of those users logged off, the session would end and the user would have to restart all applications the next time they log on. In this release, ESSO-KM securely retains each user's session information while another user logs onto their session. This feature enables users to quickly access the information they were last using by simply authenticating to ESSO-KM.

Users with an open session can select their name from an Open Sessions list box on the Desktop Manager (see screen shot on the previous page) and authenticate to ESSO-KM. All of the applications will be in the same state as they were when the user logged off, unless configured otherwise.

Transparent Lock

The transparent lock feature provides the ability to lock desktop inputs (keyboard and mouse) while in view mode, so for example, a monitoring application can be viewed though no one is logged in. It is similar to the screen saver functionality.

This is useful in hospital environments and manufacturing floors where it is essential that an unused kiosk screen is displaying real time information. For example, in a hospital where a nurse needs to monitor a patients vitals, or on a factory floor where the status of a machine's activity needs to be visible. ESSO-KM now provides a way to view the screen in real time, but not allow interaction with the desktop unless a user successfully logs on.

For information on setting up and using transparent lock, refer to the *ESSO-KM Administrator Guide*.

Enhanced Status Messages

Status messages dynamically display a users logon status during the logon process. These messages display on the bottom left hand corner of the Desktop Manager (see screen shot on the previous page) and also in pop-up dialogs if an error occurs. For example, when a user clicks the **Log On** button, the status message "Please enter credentials" displays. Once the logon initiates, the status message "Logon in process…" displays. If ESSO-KM is unable to connect to the network, a pop up message displays indicating "Unable to connect to network. Please contact your system administrator."

Status messages are particularly useful if the kiosk is experiencing delays due to network latency or connectivity as they let users see the status of the logon up until they have successfully authenticated.

What's Changed in ESSO-KM 10.1.4.1.0

Message of the Day

In previous releases, a company logo and message of the day could be uploaded to the Desktop Manager. These settings were configurable through the ESSO-LM Administrative Console under **Global Agent Settings** > **Kiosk Manager** > **Desktop** > **Company Logo** and **MOTD**. With the new Desktop Manager user interface, a background image and text message can be configured to display in the background of the Desktop Manager.

For information on configuring these settings, refer to the *ESSO-KM Administrator Guide*.

Keep Running Lists Removed

Keep running lists have been removed from the ESSO-KM product.

Special Tasks Removed

In previous releases, an advanced special tasks panel was available to set up the tasks (lists of commands) that should execute when ESSO-KM actions occur. This functionality is now available through ESSO-KM Actions and Session States.

These settings were available in the ESSO-LM Administrative Console under **Global Agent Settings** > **Kiosk Manager** > **Advanced** > **Special Tasks**.

Resolved Issues

Issues that were reported in earlier releases of ESSO-KM that have been resolved in this release include:

Tracking Number	Description of Issue
a10565	When English is enabled on a foreign OS through the ESSO-LM Administrative Console, the ESSO-KM desktop manager does not display in English as expected.
a10566	When a foreign language is enabled through the ESSO-LM Administrative Console, on the ESSO-KM desktop manager the text in the "Current Session Owner" link is displayed in the next text field.
a10599	You cannot switch languages from the ESSO-KM desktop system tray icon menu when running on a Portuguese OS.
s5116	ESSO-KM credential caching feature causes double credentials to appear in the ESSO-LM Logon Manager.
s4904	When ESSO-KM attempts to close an Internet Explorer application, ESSO-KM will terminate and take several minutes to restart.
a11031	When using cached credentials, if a user attempts to log on to ESSO-KM and then cancels out of the authentication dialog, the user's cached credentials are deleted and are no longer displayed in the dropdown. If afterwards, another user starts a session and then locks the session, the deleted credentials reappear in the dropdown. When the same user is selected from the dropdown to start a session, the SSO First Time Use (FTU) wizard incorrectly launches.
s3725	ESSO-KM does not provide status messages during actions and events. Detailed status messaging has been implemented in this fix pack.
s6207	To enhance security, the print option in the Agent help system has been removed.
a10570	When a foreign language is enabled through the ESSO-LM Administrative Console, on the ESSO-KM desktop manager the "new user" text in the drop-down list (cached users) is displayed in English. This only happens when ESSO-KM starts for first time in a foreign language. This issue no longer applies with the new Desktop Manager user interface.
a10423	On infrequent occasions, the ESSO-KM machine becomes unresponsive when ESSO-KM is running and screen goes blue. You can attempt to workaround this issue if you have the Administrative Close feature enabled. Shut down the ESSO-KM Agent by pressing Alt+F4 and entering the administrator password.
a10388	On infrequent occasions, ESSO-KM gets stuck during processing and appears to be frozen. The vertical bar constantly displays.
a9518	Sometimes the ESSO-LM Retry Logon window is left exposed on the ESSO-KM desktop.

Tracking Number	Description of Issue
a9458	ESSO-KM events such as session start, lock, and unlock should be logged in Syslog.

Open Issues

This section describes issues that remain open in this release.

Tracking Number	Description
a9050	ESSO-KM allows tray window pop-ups when locked. There is no workaround to this issue.
a12741	If cached credentials are enabled, once a user starts a session on the kiosk, they will have cached credentials stored. On subsequent attempts to start a session, the user should be presented with an LDAP authenticator dialog. Instead they are presented with the sync dialog. To work around this issue, the user can authenticate to the sync dialog instead of the LDAP authentication dialog to unlock the session.
a11957	After a password is reset from ESSO-KM through ESSO-PR, an Internet Explorer dialog displays asking if you want to close the window. To work around this issue, the user can dismiss the dialog by clicking **Yes** and continue.
a12986	When resetting a password through ESSO-PR, if Internet Explorer presents the dialog box that says "When you send data over the Internet, it might be possible for others to see the information. Do you want to continue?", you must check the button that says "In the future do not show this message.", and then select **Yes**. If you do not check this box, the ESSO-PR password reset functionality will not work. This happens on a new machine and Internet Explorer is launched for the first time. To work around this issue, the user must select **Yes** in the checkbox described above.
a11959	A cached credential is deleted after dismissing the "Unable to Connect to network…" message box. This happens when a user with a cached credential attempts to log onto ESSO-KM while the network is disconnected. They will receive a "Unable to connect to network…" dialog. After they click OK, and cancel out of the authentication dialog, their cached credential is deleted and their name will no longer appear in the Open Sessions list box on the Desktop Manager. To work around this issue, the user will have to start a new session.
a13011	Trace Controller intermittently causes ESSO-KM to cease responding. To work around this issue, turn off the Trace Controller.
a13021	With cached credentials disabled, the user does not receive the correct authentication dialog box when starting a new session or unlocking an existing session using Smart Card or RSA SecurID authentication. The user instead is asked to authenticate to a synchronization dialog box. This occurs with the user's first session. To work around this issue, restart the session. Subsequent sessions will display the correct authentication dialog boxes.

Tracking Number	Description
a13049	A session initiated using a strong authentication PIN, and then incurring a timeout, disables the mouse for the next session user, if the user initiates the session manually. To work around this issue, press the keyboard's **Enter** key.
a13053	Microsoft Internet Explorer 6.0 with SP2 or SP3 intermittently terminates when opened to Google or a blank page and the user locks and then unlocks a session.
a13054	ESSO-KM allows a Proximity card user to begin a session after a previous Proximity card user has begun a manual session and manually locked the kiosk. If the second user taps his Proximity card after the first session is locked, ESSO-KM initiates a session for the second user. There is no workaround for this issue.
	The Xyloc authenticator is not compatible with Oracle Enterprise Single Sign-on Kiosk Manager 10.1.4.1.0.

Hardware and Software Requirements

The ESSO-KM hardware and software requirements are listed under the following sections:

- Supported Operating Systems
- System Requirements
- Software Prerequisites
- Supported Authenticators

Supported Operating Systems

ESSO-KM are supported on the following operating systems:

Operating System	Versions Supported
Microsoft® Windows® 2000	SP4
Microsoft Windows XP	SP2
Microsoft Windows Server 2003	SP1

System Requirements

ESSO-KM system requirements are as follows:

Disk Space Requirements

Disk space requirements for the Agent:

	Minimum, excluding temporary space and runtime expansion	Temporary disk space (/tmp) needed during installation	For runtime expansion (configuration data and logs)
MSI	20 MB	40 MB	250 MB
EXE	50 MB	100 MB	250 MB

Other Disk Space Requirements

The following components require additional disk space requirements:

- Microsoft .NET Framework 2.0: 20 MB hard drive space (if not present)
- Microsoft Windows Installer: 20 MB hard drive space (if not present and if used)

A note about the MSI installer and EXE installer

The disk space requirements are different for the MSI and EXE installers as there are differences in the capabilities of these installers:

- The EXE installer file includes Microsoft .NET Framework version 2.0, which is a requirement for ESSO-KM.
- The EXE installer file can be run in multiple languages. The MSI file is English-only.

Memory Requirements

Memory requirements for the Agent:

- Minimum: 256 MB RAM
- Recommended: 384 MB RAM

> **Note:** The above values are the memory requirements for ESSO-KM only. To run multiple applications or multiple sessions, additional memory is recommended. Other applications may have their own memory requirements in addition to and above those of ESSO-KM.

Processor Requirements

Processor requirements for the Agent:

- Minimum: 1 GHz processor
- Recommended: 1.4 GHz processor

Software Prerequisites

The ESSO-KM Agent requires the following software prerequisites:

ESSO-LM

This release requires ESSO-LM version 10.1.4.10 Agent and Administrative Console. The following ESSO-LM features are not directly supported:

- ESSO-LM GINA and ESSO-KM GINA should not be used together. ESSO-KM displays a warning and does not install if the ESSO-LM GINA is installed.
- ESSO-KM does not support the ESSO-LM backup/restore function.
- ESSO-KM does not support the following ESSO-LM-specific capabilities:
    - Windows authentication v1 or v2
    - Context-based automatic sync logon

ESSO-AM

- If integrating with ESSO-AM, this release requires ESSO-AM version 10.1.4.1.0 with Fix Pack 1 applied.

Windows Installer

- Windows Installer 3.0 is required for the MSI installer file.

Microsoft .NET Framework

- Microsoft .NET Framework 2.0 is required for the ESSO-LM Administrative Console.

Repositories

Repository	Versions Supported
Microsoft Active Directory	2000, 2003 SP1
Microsoft Active Directory Application Mode	2003 SP1
IBM Tivoli Directory Server	5.2
Sun Java System Directory Server	5.2
Oracle Internet Directory	10.1.4.0.1

Browsers

Browser	Versions Supported
Internet Explorer	6.0 SP1, 7.0

Supported Authenticators

ESSO-KM supports LDAP Authenticator and all authenticators supported by ESSO-AM. See the current *ESSO-AM Release Notes* for the most up-to-date list of supported authenticators.

Technical Notes

The technical notes describe important technical information about this release.

Close Administrative Console

The ESSO-LM Administrative Console must be closed in order to run the ESSO-KM Session Agent. If you start the Session Agent while the Administrative Console is still running, an error message displays saying, "Cannot run Kiosk Manager until Administrative Console is closed."

Save Data Before Locking a Session

If a user locks a session or leaves the kiosk while an application has a dialog open, (such as the "Save As" dialog) and ESSO-KM is unable to dismiss that dialog, the application may be terminated.

As such, it is strongly recommended that users save data before locking a session or leaving the kiosk.

Product Documentation

The following documentation supports this product:

- *ESSO-KM Installation and Setup Guide*
- *ESSO-KM Administrator Guide*
- *ESSO-KM User Guide*