



Release Notes

Propalms TSE 6.0 - build 1344

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Introduction

Propalms TSE 6.0 (build 1344) is the latest release of the TSE software and should be used for all new customer installations. The original TSE build (1252) may still be downloaded and used for existing team deployments and disaster recovery scenarios.

What's new in TSE 6.0 build 1344

Windows Server 2008 R2 Support

This TSE release supports x32 and x64 versions of Windows Server OS through 2000, 2003, 2008 and 2008 R2.

Propalms Unidriver support for x64

This release has support for Propalms Unidriver printing on all x64 systems.

In the original TSE v6 release, build 1252, there was no support for Propalms Unidriver printing on x64 OS.

Includes latest Hotfix Rollup Pack 2

All bug fixes and enhancements part of TSE 6 HRP 1 and HRP2 are included in this release. Installing TSE using this new build does NOT require administrators to run HRP1 or HRP2.

Only TSE 6.0 installed using original build 1252 needs HRP1 and HRP2 installed.

Post install steps on x64 no longer required

None of the Post install instructions for installing TSE 6.0 on x64 systems are required with this new release.

In the original release, there were a few manual steps required post installation of TSE on x64 operating systems such as manually registering MsADo25.tlb file, copying NMTSEControl.exe in system32 directory etc.

None of these manual steps are needed if installing TSE 6.0 with this new release, build 1344.

Applications System tray Integration

TSE now supports publishing applications which minimize their icons to the system tray allowing for a more familiar application usage experience.

What's new in TSE 6.0 build 1252

Windows 2008 Server Support

Propalms TSE now supports the latest Windows 2008 Server.

New User Interface

The new Propalms User Interface is eye catching, developed on the latest Web 2.0 platform.

Virtual Desktop Infrastructure (VDI)

Propalms TSE 6.0 introduces the Virtual Desktop Infrastructure that lets you harness the power of virtualization technology. This feature enables you to provision one dedicated machine to a user instead of providing him just the remote desktop. This opens up many interesting possibilities and also lets you handle some of the situations like providing support for legacy application that may have problems when used simultaneously via Terminal Services or cases where a separate IP Address is required for every user. Possibility of providing every user their own virtual machine can address some such corner cases which can be easily solved using just the Terminal Services.

Virtual IP (VIP)

The new Virtual IP Management Utility in Propalms TSE v6 enables a unique IP address from a designated range to be assigned to each Propalms TSE session. By enabling this feature, additional applications can utilize Propalms TSE Server v6 because the IP address of the TSE Server is passed to back-end database by default, this feature enables backend databases that require distinct IP address to see each TSE session as unique because a secondary Virtual IP address is assigned.

HyperPrint

This new Propalms TSE feature converts print jobs into PDF format for seamless printing from Server to Client or vice versa. Note that Adobe Acrobat Reader should be installed on the Client machine to use this printing feature.

RDP Session Recorder

Propalms TSE v6.0 now includes the power of recording user sessions. Administrators can use this feature for auditing or troubleshooting purposes. This feature is Application Server specific; so depending on the Propalms TSE environment, the administrator has to enable/ disable this feature.

TS Gateway

TS Gateway server is a type of gateway that enables authorized users to connect to remote computers on a corporate network. These authorized users can connect from any computer by using an Internet connection. TS Gateway uses the Remote Desktop Protocol (RDP) together with the HTTPS protocol to help create a more secure, encrypted connection. This is a Windows 2008 Specific feature and connection setting.

Content Publishing

Propalms TSE allows companies/ administrators to publish specific content via Propalms TSE. It can be individual files or virtual locations on the Internet. This can be done using the local/ network UNC path or the Web URL. This

content will be accessible by the Propalms TSE users from their TSE LaunchPad from the Content tab. The published Content can even be managed in terms of Domain Groups connectivity with Propalms TSE.

Content Redirection

The latest Propalms TSE v6.0 now supports Server to Client content redirection; this makes it possible to redirect certain types of contents (HTTP, HTTPS, PNM, and RTSP) to the client machine instead of opening these links on the server inside the Propalms TSE Session. For example if you have published an email client application like Outlook and you have launched this application using Propalms and you receive an e-Mail that has an HTTP link to external web site; in the absence of Content Redirection, when you click this link a browser will be launched on the server inside the existing session in which Outlook is running. Then a browser which is running inside a TSE session on the server will open the link using the server's Internet connection. If the network settings such as the proxy etc are not properly configured on the server then it may not even work. Content redirection helps mitigate such issues. When Content Redirection is enabled, the links invoked from within the applications running inside a TSE session, will open a browser (or any other associated application like RealPlayer) on the client machine locally.

UPN Support for Propalms TSE Console

Propalms TSE v6.0 supports the integration of User Principal Name (UPN) for its Console and LaunchPad site. Administrators cannot manage the TSE Console using their UPN and users can now launch applications using their UPN.

Changeable Application Status

In Propalms TSE v6.0 administrators can temporarily disable one or more published applications for maintenance purpose, without having to remove and re-publish the application.

Configurable RDP Port

Propalms TSE v6.0 has the option of changing the RDP Port at which the Client Connects. The administrator can change the default RDP Port (3389) and specify a new Port in the Propalms TSE Console for the application launch process to work.

Configurable Database Name

Propalms TSE v6 now allows administrators to select a desired name for the TSE Database Server; enabling companies to host more than one TSE team on a single Database Server.

Out of the box x64 compatible Propalms TSE installer

The latest Propalms TSE v6.0 has a single installer that works and installs on an x32 Server Operating System and as well as on an x64 Server Operating System.

Out of the box Windows Server 2008 compatible Propalms TSE installer

The latest Propalms TSE v6.0 has the ability to install and deploy roles on a Windows Server 2008 Operating System Server.

Enable Redirect Smartcard (Connection Setting)

This connection setting will enable the redirection of Smartcards on the Client-side for authentication of the published applications through Propalms TSE.

Select Printers to Remote to Server (Default Local Printer Only)

In Propalms TSE v6.0 administrators can now just redirect the default printer of a Terminal Services client to a Propalms TSE session. When you redirect the client's default printer, the load on the server may be significantly reduced, especially when lots of printers are used by many users.

Printer Naming Scheme (for Propalms TSE Printing only)

In Propalms TSE v6.0 administrators have an option to choose out of 3 different Printer Naming Scheme in the Propalms TSE Connection Settings.

Multiple Monitor System

Multi-monitor, also known as Multi-head and Dual-Monitor are synonymous terms referring to the use of multiple physical display devices such as monitors, televisions and projectors in order to increase the area available for computer programs running on a single computer system. Propalms TSE v6.0 has multi-monitor capabilities, and allows its users to launch session on multiple monitors.

Join Team allows adding Roles to a TSE Server

In the previous versions of Propalms TSE, Join Team option only allowed joining/ adding the Server to an existing Propalms TSE team and later the administrator had to push the required roles through the Propalms TSE Console. Propalms TSE v6.0 also allows the adding of roles to a TSE Server.

Configurable Report Date Format

Propalms TSE v6.0 has an option to set the Date Format for its Reports as per USA, British and European Date Formats.

Desktop Composition

The new Windows Vista desktop composition feature fundamentally changes the way applications display pixels on the screen. When desktop composition is enabled, individual windows no longer draw directly to the screen or primary display device as they did in previous versions of Microsoft Windows. Instead, their drawing is redirected to off-screen surfaces in video memory, which are then rendered into a desktop image and presented on the display. Now Propalms allows its users to benefit from the latest Windows 2008/ Vista specific Desktop Composition feature. Propalms TSE Team can be configured to fundamentally change the way applications display pixels on the screen on Vista Client Machines.

Font Smoothing

Propalms TSE now supports the latest Windows 2008 Server feature of 32-bit Color and Font Smoothing across Propalms TSE user sessions.

Show "Use Native Client" button on Launch Pad

Administrators can now Enable or Disable the availability of Native Client option on the TSE LaunchPad site.

Show "Use Java Client" button on Launch Pad

Administrators can now Enable or Disable the availability of Java Client option on the TSE LaunchPad site.

Propalms TSE Connection Manager V6

The new Propalms TSE Connection Manager v6 with Microsoft Windows Vista support integrates with the latest Remote Desktop Connection 6.0 client update and enables you to use the new Terminal Services features.

Enable Proxy Server for RDP Traffic

The RDP traffic goes to the Application Server through a Proxy Server when connecting over SPR or DMZ-SRP. This new setting allows the RDP traffic generating from the Client Workstation to Bypass the Local Proxy Server.

Propalms TSE MAC Client for Intel

Propalms TSE now supports the newer Macintosh machines running on Intel based microprocessor, as well as the older Macintosh machines running on PowerPC based micro-processor. The machine specific clients can be downloaded from the Propalms website (www.propalms.com), Download Clients section.

About Us

Propalms, Inc. (OTCPK: PRPM) is a leading global provider of application delivery and secure remote access solutions for Terminal Services and Virtual Desktop Infrastructures. Delivering to Enterprises of all sizes we offer reliable, scalable and affordable solutions that simply work. Our belief is that application delivery solutions should be flexible, dynamic and above all, simple to use.

Technology

Propalms TSE is a complete Server Based Management solution that extends Microsoft Terminal Services 2000/2003 and 2008, offering features such as Application Publishing, Virtual Desktop Broker, Seamless Windows, Resource based Load Balancing, Simple Web based Management, Session Management, Server Health Monitoring, Reporting, Virtual IP, Single Port Relay, Universal Print Driver, Application Access via Desktop Shortcut, Windows Start Menu or Browser-based Application LaunchPad.

Other source of information

| Source | Availability |
|--------------------|---|
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