



# Windows Embedded Standard 7 Unified build 7077 for Dell Wyse Thin Clients

## Release Notes

Software releases are created to correct defects, make enhancements, or add new features. These releases are tested on all current, actively shipping platforms and operating systems as applicable. This release notes contain details on the supported platforms, any changes in the configuration settings and licensing details as well. The bug fixes along with the workarounds are documented in the release notes. Any changes in the feature functionality from an end-user perspective are listed with the description of each feature at a high level.

**Current Version:** Build number 7077  
**Release Date:** February-2018  
**Previous Version:** Build number 7064

## Contents

- Release type and definition.....1
- General features..... 2
- Configuration details..... 2
- Support matrix.....3
- Used and free space details.....4
- Known issues..... 4
- Quick Fix Engineering..... 5

## Release type and definition

This release note contains the following information about Microsoft Windows Embedded Standard 7 release that is intended for Dell Wyse thin clients:

**Table 1. Release detail and specification**

Release detail	Specification
Operating system	Windows Embedded Standard 7
Product version	9.09
Build	7077—Unified MUI build
System type	32-bit operating system
Platform	Wyse 3030 thin client with WES7

Release detail	Specification
Supported languages	<ul style="list-style-type: none"> <li>• English–United States—en-us</li> <li>• German–Germany—de-DE</li> <li>• French–France—fr-FR</li> <li>• French–Canada—fr-CA</li> <li>• Korean–Korea—ko-KR</li> <li>• Japanese–Japan—ja-JP</li> <li>• Spanish–Spain—es-ES</li> <li>• Italian–Italy—it-IT</li> <li>• Chinese–Simplified—zh-CN</li> <li>• Chinese–Traditional—zh-TW</li> <li>• Portuguese–Brazil—pt-BR</li> </ul>

## General features

### Dell Thin Client application

You can view general information about the thin client, system shortcuts, custom fields, RAM disk, auto logon, C-A-D map tool, and support information.

**NOTE:** By default, the RAM disk size is set to 512 MB.

### Internet Explorer 11

Internet Explorer 11—IE 11 is the quickest version of the browser. Microsoft has included support for web standards such as CSS animations, HTML5 spell checking, and improved JavaScript performance. The main security addition to IE 11 is the Enhanced Protected Mode, which locks down parts of the Windows operating system. This feature prevents the browser from accessing the operating system.

### C-A-D map tool

By default, the C-A-D map tool is disabled on the thin client. To enable the C-A-D map tool:

- 1 Log in to the system using administrator privileges.
- 2 Disable the write filter.
- 3 Launch the command prompt from the **Run** window in elevated mode.
- 4 Navigate to `<drive C>\windows\system32`.
- 5 Run the file `DWKBFilterMon.exe` from the command prompt.
- 6 Click **Enable**.
- 7 Restart the system.

## Configuration details

This section provides configuration details of Windows Embedded Standard 7 operating system on the thin client.



# System Center Configuration Manager details

System Center Configuration Manager details are not displayed in **Programs and Features** and **Dell Thin Client Application**. But, the Configuration Manager Control Panel Applet and SMS Agent Host Service details are displayed. This is because of the Microsoft design.

**SMSCFG.ini**, **clientstate.dat**, **wedmtrace.log**, **Ccmstore.sdf**, **InventoryStore.sdf**, **StateMessageStore.sdf** files, and **Service Data** folder are included in the File Based Write Filter Exclusion list.

## Citrix Receiver

USB redirection works for all users of the thin client with all published XenDesktops. This feature is independent of the **Simplify device connections for me** settings in the XenDesktop connection preferences user interface.

## ENERGY STAR specification

Windows Embedded Standard 7 meets the ENERGY STAR thin client requirements.

The following are the details in the Control Panel applet for power options:

- Supports Wake on LAN (WoL) during turn off.
- Supports Idle state wake up from the sleep mode.
- Screen off timer is 10 minutes.
- Sleep timer is 15 minutes.

## Flash.sys

You can enable or disable hostname calculation in flash.sys file. The flash.sys file is located at **<drive C>/Windows/system32/DriverStore/FileRepository** or at **<drive C>/Windows/System32/drivers**.

- Ensure that when you alter the MAC ID for a client, hostname calculation is not performed.
- If you change the MAC ID—NIC card change, you must perform a hostname calculation by changing your device name to MINWITHNET.

## Support matrix

**Table 2. Supported platforms**

Operating system	Platform	Build number	Build size	Product version	RAM size	Flash size	BIOS version
Windows Embedded Standard 7	Wyse 3030 thin client with WES7	BEBO_7077_16 GB.exe	8.89 GB (9,556,405,223 bytes)	9.09	4 GB	16 GB	1.0R



**Table 3. BIOS information**

BIOS filename	File size	File type	Wyse BIOS Flash parameters	Configuration file for BIOS settings
10R.fd	4 MB (4,194,304 bytes)	FD File (.fd)	wysebiosflashparams = / bbl /cvar /sd /sn /v / exit /file	wysebiossettingsparams1 = -xhci 1  wysebiossettingsparams2 = -booto HPUCD

**Table 4. Supported management servers**

Management server	Version	Operating system
Wyse Device Manager	5.7.2	Windows Server 2012 R2
Wyse Management Suite	1.1	Windows Server 2012 R2
Microsoft System Center Configuration Manager	Microsoft System Center Configuration Manager 2016  Version 1606  Console Version: 5.0.8412.1313  Site version: 5.0.8412.1000	Windows Server 2016  Version 1607—Operating system Build 14393.1715

**Table 5. Supported Imaging solution**

Imaging solution	Version
WSI	5.0.4
USB Imaging Tool	3.0.0

## Used and free space details

**Table 6. Used and free space details**

Platforms	Flash Size	Used Space	Free Space
Wyse 3030 thin client with WES7	16 GB	10.4 GB	4.45 GB

## Known issues

**Table 7. Known issues**

Known issues	Workaround
PAD imaging does not work.	There is no workaround for the issue in this release.
When you right-click the text after an image pull operation, the <b>Bluetooth</b> option is not available in the <b>Send To</b> drop-down list.	There is no workaround for the issue in this release.



Known issues	Workaround
After you push the WCM configuration through Profile Manager, VMware Horizon client and RDP desktop shortcuts are deleted from the desktop.	There is no workaround for the issue in this release.
When you manually register the device to Wyse Device Manager server with FQDN address, Wyse Device Agent console displays a message <b>Enter Valid Server IP</b> .	There is no workaround for the issue in this release.
RAM size is different in the Wyse Device Manager server details and Dell Thin client application.	There is no workaround for the issue in this release.
Tight NC service starts, but it gets displayed in the taskbar instead of system tray.	There is no workaround for the issue in this release.
By default, Windows defender is disabled. After you enable, an error message is displayed in Windows Embedded Standard 7 builds.	There is no workaround for the issue in this release.
When you play an audio file in YouTube with Jabra headphones with wireless module, <b>Low disk space</b> message is displayed after 15 minutes.	There is no workaround for the issue in this release.
Occasionally, Windows Explorer fails after you connect any Bluetooth device to the client.	There is no workaround for the issue in this release.
Files received through Bluetooth from one client to another do not work.	Enable Windows Search to resolve this issue. But low memory issue is observed after you enable Windows Search.
Black screen observed for 15 seconds to 1 minute when you log off and log in to the client.	There is no workaround for the issue in this release.
Black screen is displayed when you boot the thin client.	There is no workaround for the issue in this release.
Low memory issue is observed when YouTube videos are played using Bluetooth speakers. This issue is observed only when other applications are running.	There is no workaround for the issue in this release.
SCCM image push operation— <b>Apply Image</b> —using task sequence may fail with error code 0x80070070.	Manually create the SCCM stand-alone media with the command line parameters.
You cannot open the local associated file in a Citrix session where PDF published application are configured. This issue is because the drive C mapping of the thin client is restricted in a VDI session.	There is no workaround for the issue in this release.

## Quick Fix Engineering

Table 8. QFEs

KB2841134	KB2685813	KB2908783	KB3055642	KB3140245
KB2841134	KB2690533	KB2909210	KB3059317	KB3142024
KB2841134	KB2698365	KB2911501	KB3060716	KB3142042
KB2841134	KB2705219	KB2912390	KB3061518	KB3145739



KB2841134	KB2716513	KB2913751	KB3067903	KB3146706
KB2841134	KB2718704	KB2918077	KB3068708	KB3146963
KB2841134	KB2719033	KB2919469	KB3071756	KB3147071
KB2841134	KB2719857	KB2929437	KB3072305	KB3148851
KB2841134	KB2724197	KB2929733	KB3074543	KB3149090
KB2841134	KB2726535	KB2931356	KB3075516	KB3156016
KB2670838	KB2729094	KB2937610	KB3075851	KB3156017
KB2830477	KB2732487	KB2943357	KB3078071	KB3156019
KB2592687	KB2736422	KB2961851	KB3078601	KB3159398
KB2819745	KB2742599	KB2963950	KB3080079	KB3161949
KB2487305	KB2750841	KB2963952	KB3080149	KB3161958
KB2496898	KB2761217	KB2965788	KB3080446	KB3163245
KB2502664	KB2763523	KB2968294	KB3083324	KB3164033
KB2506212	KB2770660	KB2970228	KB3083710	KB3164035
KB2509553	KB2786081	KB2972100	KB3084135	KB3170455
KB2511455	KB2799494	KB2972211	KB3086255	KB3177186
KB2515325	KB2800095	KB2973112	KB3092601	KB3179573
KB2526967	KB2807986	KB2973201	KB3092627	KB3182203
KB2534366	KB2808679	KB2973351	KB3097989	KB3184122
KB2545698	KB2813170	KB2977292	KB3101722	KB3185911
KB2547666	KB2813347	KB2978120	KB3102429	KB3188740
KB2552343	KB2813430	KB2984972	KB3102810	KB3192391
KB2556532	KB2818604	KB2985461	KB3107998	KB4012204
KB2560656	KB2820331	KB2992611	KB3108371	KB4012212
KB2563227	KB2834140	KB2999226	KB3108381	KB4012864
KB2564958	KB2840631	KB3000483	KB3108664	KB4014661
KB2570814	KB2843630	KB3003743	KB3108670	KB4015193
KB2574819	KB2852386	KB3004361	KB3109103	KB4015546



KB2604115	KB2853952	KB3006121	KB3109560	KB4016446
KB2620704	KB2857650	KB3006137	KB3110329	KB947821
KB2621440	KB2859502	KB3010788	KB3112343	KB976902
KB2633171	KB2861698	KB3011780	KB3118401	KB976932
KB2639308	KB2862152	KB3021674	KB3121255	KB4015549
KB2640148	KB2862335	KB3021917	KB3122648	KB2654644
KB2644615	KB2862973	KB3022777	KB3123479	KB3139923
KB2645895	KB2864202	KB3023215	KB3124275	KB3139940
KB2647753	KB2868038	KB3030377	KB3127220	KB3046269
KB2654269	KB2868116	KB3032655	KB3135445	KB3054476
KB2654428	KB2871997	KB3033889	KB3135983	KB2893519
KB2660075	KB2872035	KB3035126	KB3137061	KB2894844
KB2661254	KB2884256	KB3037574	KB3138612	KB2685747
KB2667402	KB2891804	KB3042553	KB3138901	KB2685811
KB2676562	KB2892074	KB3045685	KB3138910	
KB2679255	KB2893294	KB3046017	KB3139914	

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