

Windows Mobile Device Center: Windows 10 Compatibility Workaround

This guide was put together using Windows 10 v.1703, if your computer is not up to date, please perform all available updates before continuing]

[Please follow the steps listed below to ensure the correct settings/configuration are loaded on your computer]

- 1) If present, please uninstall all Windows Mobile Device Center applications from your computer so it can be reinstalled fresh.
- Locate the WMDC installation application (drvupdateamd64.exe) and then right click followed by selecting "Properties":

Security		Details Previous V		ersions			
General	c	compatibility	Digital Sig	gnatures			
-	drvupdate-a	md64.exe					
Type of file:	Application (.exe)					
Description:	Win32 Cabir	net Self-Extractor					
ocation:	C:\Users\awi	isniewski\Desktop	2				
Size:	10.7 MB (11	,241,352 bytes)					
Size on disk:	10.7 MB (11	,243,520 bytes)					
Created:	Today, January 24, 2018, 2 hours ago						
Nodified:	Thursday, Ju	une 2, 2016, 9:40	:46 AM				
Accessed:	Today, Janu	Today, January 24, 2018, 2 hours ago					
Attributes:	Read-onl	y 🗌 Hidden	Advanced				

3) Next, please click on the "Compatibility" tab and then click the "Change settings for all users" button:

General	Compatibility	Digital Signatures	
f this program isn't v ry running the comp	working correctly on this v atibility troubleshooter.	ersion of Windows,	
Run compatibility	troubleshooter		
How do I choose cor	npatibility settings manua	lly?	
Compatibility mode			
Run this progra	m in compatibility mode for	or:	
Windows Vista (Se	ervice Pack 2)	~	
Settings			
Reduced color	mode		
8-bit (256) color	~		
Run in 640 x 48	30 screen resolution		
Override high D Scaling perform	PI scaling behavior. ned by:		
Application		\sim	
Disable fullscre	en optimizations		
Run this progra	m as an administrator		
Change action	os for all users		

In this window please check the "Run in compatibility mode" checkbox and in the drop down select "Windows Vista (Service Pack 2)" as well as the "Run as Administrator" checkbox at the bottom of the window. Once complete, click the "Apply" button followed by the "OK" button:

Compatibility for all users	
If you have problems with this program and it worked correctly on an earlier version of Windows, select the compatibility mode that matches that earlier version.	
Compatibility mode	
Windows Vista (Service Pack 2)	
Settings Reduced color mode	
8-bit (256) color 🗸 🗸	
Run in 640 x 480 screen resolution	
Override high DPI scaling behavior. Scaling performed by:	
Application \checkmark	
Disable fullscreen optimizations	
Run this program as an administrator	
OK Cancel Apply	

5) You will now be back at the installer's properties window, which should now match the changes just made in the previous step:

Security	Details	Previous Versions		
General	General Compatibility			
f this program isn't ry running the com	working correctly on this v patibility troubleshooter.	ersion of Windows,		
Run compatibility	troubleshooter			
low do I choose co	mpatibility settings manua	illy?		
Compatibility mode				
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Windows Vista (S	ervice Pack 2)	~		
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Reduced color	mode			
R-bit (256) color	in du			
0-011 (200) 00101				
Run in 640 x 4	80 screen resolution			
Scaling perform	DPI scaling behavior. med by:			
Application		\sim		
Disable fullscn	een optimizations			
Run this progra	am as an administrator			
Change settin	igs for all users			



6) Click "OK" to close the Properties window followed by right clicking the installer file once more and selecting "Run as Administrator". During installation you will be prompted with an error stating no default email is set. This can be ignored and does not have any effect on the process:



 Once installation is complete, open an explorer window and locate all WMDC application exe files using the search box:

S 🛃 🖬	Search Too	Application Tools	wmdc - Se	earch Results in This PC			
File Home Share	View Search	Manage				~ 0)
← → ∽ ↑ 🔍 > Searc	h Results in This PC				v ₹	wmdc ×	
	Name	Date modi	fied	Туре	Size	Folder	•
> Cuick access	wmdc.exe.mu	ii 5/31/2007	9:58 AM	MUI File	12 K	B pt-PT (C:\Winc	
> ConeDrive - BarcodesIn	wmdc.exe.mu	ii 5/31/2007	9:57 AM	MUI File	12 K	B ro-RO (C:\Win	
One Directues in	📄 wmdc.exe.mu	i 5/31/2007	9:56 AM	MUI File	12 K	B ru-RU (C:\Win	
> 🧢 OneDrive - Personal	wmdc.exe.mu	ii 5/31/2007	9:56 AM	MUI File	12 K	B sk-SK (C:\Winc	
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> Desktop	wmdc.exe.mu	i 5/31/2007	9:58 AM	MUI File	8 K	B zh-CN (C:\Win	
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> 💫 Downloads	🗟 wmdConn.cp	2/23/2007	11:06 AM	Control panel item	111 K	B system32 (C:\\	
🔉 🌗 Music	wmdConn.cp	5/31/2007	5:11 PM	Control panel item	111 K	B wcebth.inf_am	
> 📜 Pictures	🖹 wmdConn.cp	2/23/2007	12:06 PM	Control panel item	111 K	B wcebth.inf_am	
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) I Windows (C)	wmdConn.cp	2/23/2007	12:06 PM	Control panel item	111 K	B wceusbsh.inf_i	
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Network	🗟 wmdConn.cp	2/23/2007	12:06 PM	Control panel item	111 K	B Bluetooth (C:\'	
	wmdConn.cp	2/23/2007	12:06 PM	Control panel item	111 K	B RNDIS (C:\Win	
	wmdConn.cp	2/23/2007	12:06 PM	Control panel item	111 K	B Serial (C:\Winc	
	🗟 wmdConn.cp	5/31/2007	11:11 AM	Control panel item	111 K	B WindowsMob	
	wmdcBase.ex	e 5/31/2007	11:11 AM	Application	645 K	B WindowsMob	
	wmdc.exe	1/24/2018	2:00 PM	Application	645 K	B {626672CD-BF	
K	wmdc.exe	5/31/2007	5:11 PM	Application	645 KI	B wcebth.inf_am	
	wmdc.exe	5/31/2007	5:11 PM	Application	645 K	B wceusbsh.inf_i	
	wmdc.exe	5/31/2007	11:11 AM	Application	645 K	B WindowsMob	,
114 items 4 items selected	< d 2.51 MB					, 	1

 Next, you will follow the same steps as done for the installer file and change the compatibility settings for each applicable exe:



 Once the changes for each exe have been made, please open a Windows Powershell window, running as administrator:

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10) In the PowerShell window please copy, paste and then run each of the command lines listed below:

"REG ADD HKLM\SYSTEM\CurrentControlSet\Services\RapiMgr /v SvcHostSplitDisable /t REG_DWORD /d 1 /f"

"REG ADD HKLM\SYSTEM\CurrentControlSet\Services\WcesComm /v SvcHostSplitDisable /t REG_DWORD /d 1 /f"

Z Administrator: Windows PowerShell	-		\times
windows PowerShell Copyright (C) 2016 Microsoft Corporation. All rights reserved.			^
pp C.\THINDRYS\Ysyttem32.5 #EG.400 HULW\SYSTEM\CurrentControlSet\Services\RapiMgr /v SvcHostSplitDisable /t REG_DMC He operation completed successfully. PS C.\THINDRYSystem32.5 PS C.\THINDRYSYS	NRD /d	1 /f	
The operation completed successfully. PS ClwRIDBG/system32- PS ClwRIDBG/system32- PS ClwRIDBG/system32- PS ClwRIDBGS/system32-			
C			>

- 11) Once PowerShell commands are completed, please reboot your computer for changes to take effect.
- 12) Once reboot is complete, please open the "Administrative Tools" window followed by "Computer Management"



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- → · · 个 🏪 > Contr	ol Panel > All Control Panel Items > Administrative	Tools		νõ	Search Admi
	Name	Date modified	Type		Size
A Quick access					
OneDrive Recordeda	Component Services	3/18/2017 3:57 PM	Shortcut		2 KB
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	🏓 Disk Cleanup	3/18/2017 3:58 PM	Shortcut		2 KB
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E Desktop	🤧 iSCSI Initiator	3/18/2017 3:57 PM	Shortcut		2 KB
B Documents	📕 Local Security Policy	3/18/2017 3:59 PM	Shortcut		2 KB
Downloads	DDBC Data Sources (32-bit)	3/18/2017 3:58 PM	Shortcut		2 KB
b Ausia	靋 ODBC Data Sources (64-bit)	3/18/2017 3:57 PM	Shortcut		2 KB
a Music	Performance Monitor	3/18/2017 3:57 PM	Shortcut		2 KB
Pictures	歸 Print Management	3/18/2017 3:59 PM	Shortcut		2 KB
Videos	Resource Monitor	3/18/2017 3:57 PM	Shortcut		2 KB
👟 Windows (C:)	Services	3/18/2017 3:57 PM	Shortcut		2 KB
	🔛 System Configuration	3/18/2017 3:57 PM	Shortcut		2 KB
- Network	Note System Information	3/18/2017 3:57 PM	Shortcut		2 KB
	P Task Scheduler	3/18/2017 3:57 PM	Shortcut		2 KB
	📌 Windows Firewall with Advanced Security	3/18/2017 3:57 PM	Shortcut		2 KB
	Mindows Memory Diagnostic	3/18/2017 3:57 PM	Shortcut		2 KB

13) In the next window, select "Services" from the directory tree and locate the two services listed below:

"Windows Mobile-2003-based device connectivity"

"Windows Mobile-based device compatibility"

Computer Management (Local)	O. Services			Actions
✓ ₿ System Tools	Mindows Making 2002 based dealers	Description A	Services	
> 🕑 Task Scheduler	connectivity	O use down thread to a	This is a set of the se	
> 🛃 Event Viewer		Windows Event Log	This service	More Actions
> 🙍 Shared Folders	Stop the service	Windows Firewall	Windows P	Windows Mobile-2003-base
> M Local Users and Groups	Restart the service	Windows Font Cache Service	Optimizes (More Actions
> N Performance		windows image Acquisition (WIA)	Provides in	More Actions
Device Manager	Description:	Windows Insider Service	WISVC	
Storage	Provides connectivity for Windows	windows installer	Adds, modi	
Services and Applications	Mobile-2003-based devices	windows License Manager Service	Provides in	
Services and Applications		Windows Management instrumentation	Provides a	
WMI Control		Windows Mobile Plotspot Service	Provides th	
		Windows Mobile-2005-based device connectivity	Provides cc	
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		Work Folders	This service	
		Workstation	Creates and	
		WWAN AutoConfig	This service Y	
		(THIS SCIVICE Y	

- 14) Next, you will perform the following steps for both of the two services listed above:
- Right Click >>> Stop
- Right Click >>> Properties
- Click "Log On" tab >>> Click "Local system account" as the Log on & check "Allow service to interact with desktop"
- Click "Apply"
- Click Recovery tab >>> Change "Subsequent Failures" drop down to "Restart the service"
- Click "Apply"
- Click "OK"
- Once these steps have been performed for both services, please right click each and select "Start" to restart the services:

Nindows	Mobile-	2003-base	d device conne	ctivity Prope	rties (Local
General	Log On	Recovery	Dependencies		
Log on	as:				
	al System	account			
	Allow servi	ce to interac	t with desktop		
⊖ This	account:				Browse
Pas	sword:				
Con	ıfirm passw	/ord:			

Windows Mobile-2003-based device connectivity Properties (Local... imes

General Log On Recovery	Dependenc	ies							
Select the computer's responent actions.	nse if this servio	æ fails. <u>Help me set up recovery</u>							
First failure:	Restart the	Service ~							
Second failure:	Restart the	Service ~							
Subsequent failures:	Restart the	Service ~							
Reset fail count after:	0	days							
Restart service after:	1	minutes							
Enable actions for stops	with errors.	Restart Computer Options							
Program									
		Browse							
Command line parameters	Command line parameters:								
Append fail count to e	nd of command	d line (/fail=%1%)							
	OK	Cancel Apply							

15) Once all above steps are complete, please reboot the computer once more to complete the installation and setup process.

*** NOTE ***

When cradling a Windows Mobile device you may still receive an initial error stating WMDC could not run/install, this can be ignored and the program should still automatically run after the device is placed in the cradle. You will be able to see the device from both the WMDC application and Windows Explorer:



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