

MTK APP REMOVE MANUAL

Requirements :

- 1. WinXP , Win7, Win8x or Win10 OS
- 2. Charged to 50% or more battery
- 3. Normal USB cable , without BootMode (short pin) , without HUB and etc.

Prepare :

- Open CM2MTK (version 1.39 or newer)
- Select SP Platform in CPU settings
- Go to "Extra" Tab

õ	Chinese Miracle II (I	MTK Module , ver 1.39)	by Infinity-Box Tear	n (c) 2014-2015	×
<u>F</u> ile <u>S</u> ettings Log			Settings Service	Security Flash Extra	UserData / Forensic
			-Smart AV Main		
			Sma	art AV	Clean UserData
			APP Manager [L	ow]	
			s	can	Use Dictonary
			SmartAV Repai	r Erase Alcatel	
		0%			
	READY		MTK SP 65 67 83 81 xx	USB	0:04:15



There is 2 buttons can be found in "SmartAv" section :

- 1. **SmartAV** [SmartAV Main] #1 automatically remove viruses by some heuristic method. No need make any additional operations for use it.
- Scan [App Manager] #3 allow remove APP's from system by few different methods : Auto (Dictonary) and Manual

3. Additional settings :

#2 : Clear UserData – Automatically Clear UserData area after SmartAV operation (not need make "Factory Reset" separately)
#5: Clear UserData – Automatically Clear UserData area after Scan operation (not need make "Factory Reset" separately)
#4 : Use Dictionary – Allow remove all unwanted APP's and malware by using DataBase of KNOWN viruses and APP's.
CM2 use 2 DB – Built-In (updatable) and User-Defined.

User-defined DB – simple text file, contains APP's names, which SW should remove, if they will be found during "**Scan**"

User	dict.bd	
1	158.apk	
2	24e26edbd69d0dce197cce71fe4f12da.apk	
3	27.apk	
4	39522069cceb4d6c4f3005de1480bcf7.apk	
5	449da1a5268676b2abd5b80a81bb99ce.apk	
6	4fcfc534ca3399ed38f7ece81f4f6498.apk	
7	9751fcf5c650f3b984a445853cf0f99a.apk	
8	alarmecontroller.apk	
9	bkro.apk	
10	cameraupdate.apk	
11	com.android.amskg.apk	
12	com.android.aomg.apk	
13	com.android.aoml.apk	
14	com.android.hardware.ext0.apk	
15	com.android.ksetting.apk	
16	com.android.ksync.apk	
17	com.android.laucheh.apk	
18	com.android.laucheq.apk	
19	com.android.pokao2.apk	
20	com.android.psetting.apk	
21	com.android.psync.apk	

File can be edited by adding unwanted/virus apps names inside file – file per string.

Here can be placed ANY app, which you want remove, for ex. – pre-installed apps, unwanted apps, malware and etc.

Built-In DB update by Author and contain ONLY malware applications.

During "**Scan**" with enabled Dictionary ("**Use Dictionary**") CM2 will use BOTH databases and "smart" mode as well. It allows get COMPLETE result on removing unwanted APP's.

Another mode of "Scan" operation – manual.

For enable it – need untick "Use Dictionary" option.

APP Manager [Low]			
Scan	 □ Use Dictonary ✓ Clean UserData 		

After press "Scan" button – follow software instruction and connect phone.

After successful scan SW will show new window:

	APP Scanner (c) Infinity-Box T	eam [2015]		
 ✓ /app/SettingProvider.apk ✓ /app/ThemeManags.apk ✓ /app/com.google.model.mi.apk ✓ /app/com.google.fk.json.slo.apk ✓ /app/com.fition.wsatlle.apk ✓ /app/com.android.wp.net.log.apk ✓ /app/com.android.smomo.apk ✓ /app/com.android.psmt.apk ✓ /app/com.android.psmt.apk ✓ /app/com.android.psetting.apk ✓ /app/com.android.psetting.apk ✓ /app/com.android.stync.apk 				
Unselect All				
Add to Dictonary	Ok [Remove selected items]	Help	Cancel	
✓ Remove garbage				

Here you can:

- Select and Unselect files, which you want remove
- Update Dictionary (it will be updated by adding in UserDict files, which you select for removing DON'T use that option, if you removing unwanted APP's and they are not a viruses)

"Remove Garbage" option – remove daemons, services and scripts, which SW detect as malware or potentially harmful. SW not shows that files in main APP's list, but it know which files need remove and which – not. <u>Use that option, if you use manager as Anti-Virus.</u>

In most cases – SW select potentially bad files automatically, but selection depend on heuristic method and can select NOT ALL MALWARE applications!

SW sort list according possible detection level – in simple words – FIRST FILES IN LIST for EVERY NEW DIRECTORY – mostly BAD/Malware APP's!

Check pictures for example:

1. We are in start of list. SW detected and marked applications as BAD

	APP Scanner (c) Infinity-Box T	eam [2015]	
 ✓ /app/SettingProvider.apk ✓ /app/ThemeManags.apk ✓ /app/providerdown.apk ✓ /app/com.google.model.mi.apk ✓ /app/com.google.fk.json.slo.apk ✓ /app/com.android.wp.net.log.apk ✓ /app/com.android.smomo.apk ✓ /app/com.android.pumo.apk ✓ /app/com.android.psetting.apk 			~
 Unselect All Add to Dictonary ✓ Remove garbage 	Ok [Remove selected items]	Нер	Cancel

2. Go down in list

	APP Scanner (c) Infinity-Box	Team [2015]	
 ✓ /app/KingoUser.apk /app/talkback.apk /app/operamini-7.5.33725.apk /app/YouTube.apk /app/YGPS.odex /app/YGPS.apk /app/VoiceUnlock.odex /app/VoiceUnlock.apk /app/VoiceCommand.odex /app/VoiceCommand.apk /app/VisualizationWallpapers.ode /app/Videos.apk /app/Videos.apk 	5X (^
 Unselect All Add to Dictonary ✓ Remove garbage 	Ok [Remove selected items]	Help	Cancel

	APP Scanner (c) Infinity-Box	Team [2015]		
/app/ApplicationsProvider.apk /app/ApplicationGuide.odex /app/ApplicationGuide.apk ✓ /priv-app/com.android.ksetting.apk ✓ /priv-app/com.android.pumo.apk ✓ /priv-app/com.android.psync.apk / priv-app/Com.android.psync.apk / priv-app/YpnDialogs.odex / priv-app/TpnDialogs.apk / priv-app/TeleService.odex / priv-app/TagGoogle.apk / priv-app/TagGoogle.apk / priv-app/TagGoogle.apk / priv-app/TagGoogle.apk / priv-app/TagGoogle.apk				
Unselect All Add to Dictonary Remove garbage	Ok [Remove selected items]	Help	Cancel	

3. Seems as there is no more in that directory. Go down

Here is more files selected, which also malware.

That is very simple example of UNTOUCHED by some 3rd party apps!

Here is one more example :

1. Scan APP's

	APP Scanner (c) Infinity-Box Te	eam [2015]	
 /app/com. android. amsog. aj /app/79a13b7e7db3c8a9c /app/8a20d0ecaf4b29840 /app/de80d0ecaf4b29840 /app/321b17d443adf7da6 /app/321b17d443adf7da6 /app/321b17d443adf7da6 /app/8a1099638429ac7f33 /app/5268f8a42a098e240 /app/9c63e4a30f781cb724 /app/9c63e4a30f781cb724 /app/4e19cbec5fc27eef3c 	ok 96ad9afa138a17.apk 00e82d0666c17b.apk 345f6ed957b71d.apk 8b93f0b6baadfd.apk 2119e90274fc841.apk 2f1251e6d994e.apk 008ed3d7cf7a272.apk k 19f925c43bbe2a1.apk d86748802ddde0.apk		~
Unselect All			
Add to Dictonary	Ok [Remove selected items]	Help	Cancel

Here we can see grayed items -that mean files ALREADY removed.

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APP Scanner (c) Infinity-Box Team [2015]	
 /app/222c8a8dc889489738bf176f5a37420a.apk. /app/52c586b3cc0ce5cfd9507d3d5f92d658.apk. /app/5deb2d4b5f184da8dd8de603b97a9811.apk. /app/1a7f51e79496b877d0004174c99e4a5e.apk. /app/9751fcf5c650f3b984a445853cf0f99a.apk. /app/7e2de81ff0529248f0cd04d6f9c2a69d.apk. /app/449da1a5268676b2abd5b80a81bb99ce.apk. /app/com.android.Laucheb.apk. /app/com.android.Laucheb.apk. /app/com.android.Laucheb.apk. /app/com.android.Laucheb.apk. /app/apstarts.apk. 	~
□ Unselect All □ Add to Dictonary □ Add to Dictonary □ Remove garbage	

Here we can see – strange names, but not selected – WE MUST SELECT THEM!

Even one looks on them enough to understand – that files is not good.

APP Scanner (c) Infinity-Box Team [2015]				
 /app/appstarts.apk /app/com.android.Lauches.apk /app/com.android.Lauchet.apk /app/com.android.Lauchet.apk /app/5238a5c248fa065bf305be040161ec06.apk /app/252e4a159bb3a742e9c4f2847b2a1363.apk /app/d0663d553b1c16823eb238ad766f8599.apk /app/a487e36fb0eab1638151c0bd251547f5.apk /app/SzBAykYxMtFfTGZh.apk /app/bE1dtmaWjkrlLAQC.apk /app/pCjNNoInfGTZdYR.apk 				
 □ Unselect All □ Add to Dictonary ✓ Remove garbage 	Ok [Remove selected items]	Help	Cancel	

Another one between removed – also same, need select.

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	APP Scanner (c) Infinity-Box Te	eam [2015]	
 ✓ /app/Models.apk ✓ /app/com.google.model.mi.apk ✓ /app/com.google.fk.json.slo.apk ✓ /app/playstoreupdate.apk ✓ /app/bkro.apk 			^
 /app/ThemeManags.apk /app/providerCertificate.apk /app/cameraupdate.apk /app/shelltools.apk /app/providerdown.apk /app/SysSet.apk /app/AlarmeController.apk /app/SettingProvider.apk 	т		~
Unselect All			
 ☐ Add to Dictonary ✓ Remove garbage 	Ok [Remove selected items]	Help	Cancel

Here is same. We still check one phone.

				-
	APP Scanner (c) Infinity-Box	Team [2015]		
/app/providerdown.apk			^	
✓ /app/SysSet.apk				
✓ /app/AlarmeController.apk				
✓ /app/SettingProvider.apk				
/app/workspace-megogo-release	e-production.apk			
/app/vendor-oysters-release.apr	, vider 20140130.apk			
/app/YGPS.odex				
/app/YGPS.apk				
/app/VpnDialogs.odex				
/app/vpribialogs.apk				
Unselect All				
Add to Dictonary				
	Ok [Remove selected items]	Help	Cancel	
Remove garbage				

Here is time to stop. Why? Because here start normal files (vendor-specific names , well-known apps)

Here is start SYSTEM files – how know them? Paired names, for example:

YGPS.odex

YGPS.apk

Can't be a virus!

You not need touch them, if you not want remove them by some reason – cleaning ROM from garbage app's and etc.

Remember – there still need check rest list for strange names, just to make sure.

APP Scanner (c) Infinity-Box Team [2015]	
<pre>/app/Browser.apk /app/BookingAndroid-v4.7.1.apk /app/BatteryWarning.odex /app/BatteryWarning.apk /app/BasicDreams.odex /app/BasicDreams.apk /app/BackupRestoreConfirmation.odex /app/BackupRestoreConfirmation.apk /app/ApplicationsProvider.odex /app/ApplicationsProvider.apk /app/ApplicationGuide.odex /app/ApplicationGuide.apk /app/Instore_list</pre>	>
□ Unselect All □ Add to Dictonary ○ Remove garbage	ncel

Last step – check list for other directories (if they exists)

On example there is just one. Normally – 2, but can be up to 4 directories.

 After selecting files – there will be good idea to add them in "Dictionary" After adding to it – you can next time remove them in seconds by selecting "Use Dictionary" option.

Conclusion:

By using "SmartAV" and "Scan" with "Use Dictionary" you can remove most of viruses. If they still exist (you can check it by manual scan) – you can remove them and add to dictionary by way, described before.

P.S.:

If, after read that manual, you still not got a point how correctly use that function – leave it.