



Procedura update software – Viper E Android™ 5.0, Lollipop

Avantajele actualizării software sunt:

- actualizarea sistemului de operare de la Android 4.4 KitKat la Android 5.0 Lollipop;
- o schimbare majoră la nivel de interfață (design): miscări naturale, umbre și diverse efecte vizuale etc;
- o schimbare a interfețelor pentru aplicațiile preinstalate: a ecranului de apelare, a setărilor, a meniului din camera, a setărilor rapide etc;
- un management mai eficient al resurselor;




ATENTIE! Bateria trebuie să fie încărcată complet, iar telefonul trebuie să fie închis în momentul initializării procedurii.



ATENTIE! Sub nicio formă să nu întrerupeți operațiunea de actualizare.



ATENTIE! Actualizarea sistemului de operare duce la ștergerea completă a informațiilor personale și a aplicațiilor instalate în telefon.

1. Descarcăți arhivele: “**Update_5.0_Viper_E_15.09.2015**”, “**SP_MDT_exe_v3.1540.00.00**” și “**Driver.zip**” pe un PC sau laptop. Dezarhivați într-un folder cele 3 arhive de mai sus.
2. Instalați driverele necesare pentru portul serial-USB din folder-ul **Driver**, acestea fiind compatibile cu Windows XP, Windows 7, Windows 8, Windows 10. Deschideți executabilul  **UsbDriverSetup** și urmați pașii pentru instalarea driverului.
3. În folderul “**SP_MDT_exe_v3.1540.00.00**” dați click dreapta pe fișierul **SPMultiPortFlashDownloadProject** și **Open**, iar apoi în document asigurați-vă că **ScanComportType=1**, salvați (**File – Save**) și închideți documentul ca în imaginile de mai jos:



SP_MDT_exe_v3.1540.00.00

File Home Share View

Local Disk (C:) > SP_MDT_exe_v3.1540.00.00

Name	Date modified	Type	Size
Microsoft.VC90.CRT.manifest	9/28/2015 3:55 PM	MANIFEST File	1 KB
miodll.dll			
msvcm90.dll			
msvc90.dll			
MTK_AllInOne_DA.bin			
MTK_DATABASE			
NVRAM_BACKUP			
protected_region			
readback			
setting			
SLA_Challenge.dll			
SLA_Challenge.lib			
SP_META_Wrapper.dll			
SPBootMode.dll			
SPMETA_DLL.dll			
SPMultiPortFlashDownloadProject.c...			
SPMultiPortFlashDownloadProject			
SPMultiPortFlashDownloadProject			
SPMultiPortFlashDownloadProject			
SPMultiPortFlashDownloadProject.lib	9/28/2015 5:34 PM	LIB File	14 KB
SPMultiPortFlashDownloadProject.map	9/28/2015 5:34 PM	MAP File	1,827 KB

43 items 1 item selected 3.03 KB

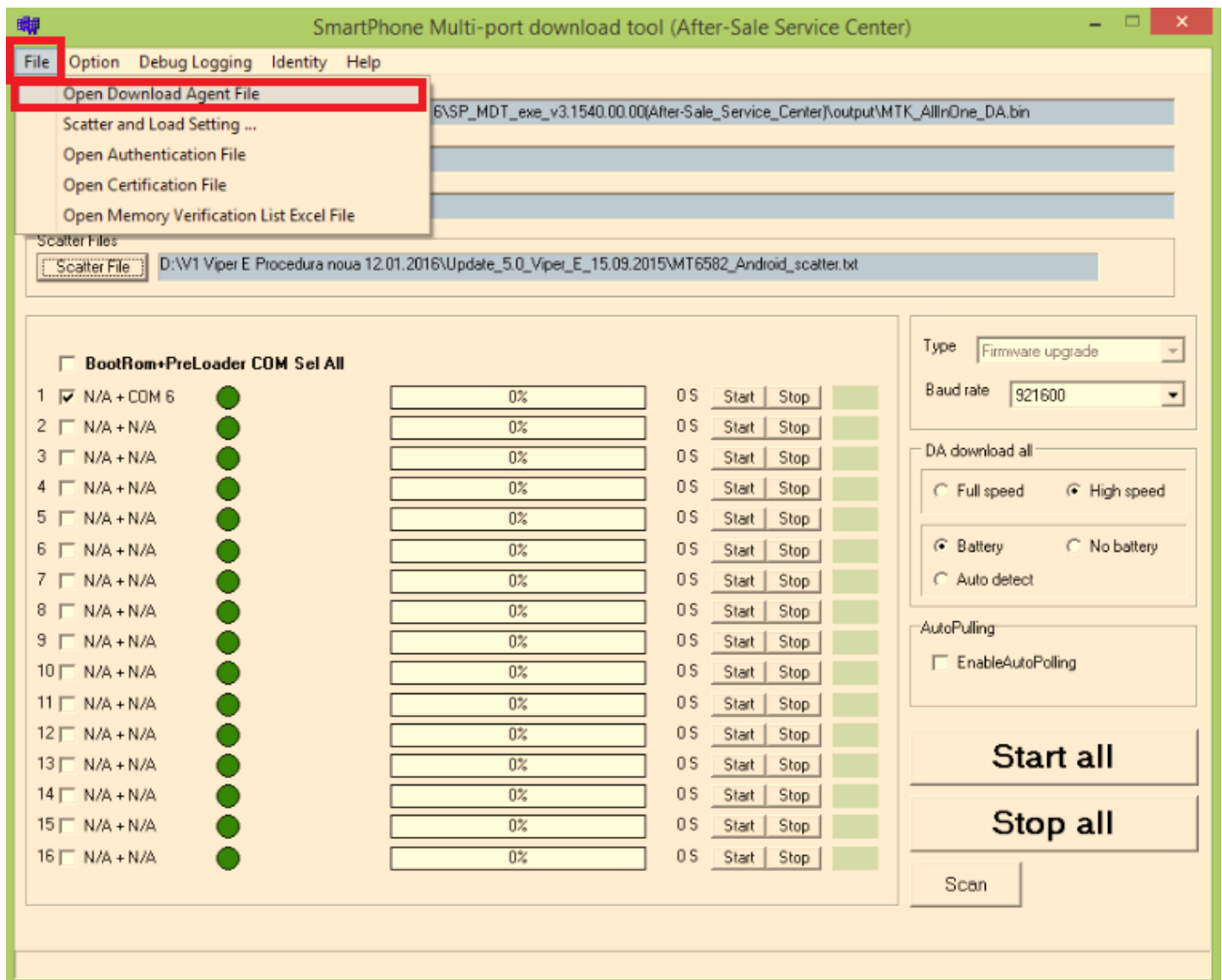
- Open
- Print
- Edit
- Scan with AVG
- Permanently shred with AVG
- Open with
- Add to archive...
- Add to "SPMultiPortFlashDownloadProject.rar"
- Compress and email...
- Compress to "SPMultiPortFlashDownloadProject.rar" and email
- Send to
- Cut
- Copy
- Create shortcut
- Delete
- Rename
- Properties



```
SPMultiPortFlashDownloadProject - Notepad
File Edit Format View Help
[form]
Baseband chip=auto detect
External clock=26mhz
BROM_DLL logging=yes
META_DLL logging=yes
Eboot_DLL logging=yes
Baudrate=921600
ComportEnabled=0x01
Auto polling enabled=0
Auto polling count=0
Type=Firmware upgrade
Force_ALL_IMAGE_DL=yes
Force_Checksum_Version=V1
Auth file=
Cert file=
Format FAT range=auto
ScanComportType=1
ForceWatchdogReset=no
ForceWatchdogResetTimeout=0
Enable_Secro_Reworking_Feature=no
```



4. În folderul "SP_MDT_exe_v3.1540.00.00" dați dublu click pe executabilul **SPMultiPortFlashDownloadProject**.
5. Click pe opțiunea **File** a **SP_MDT_exe_v3.1540.00.00** și selectați fișerul **MTK_AllInOne_DA.bin** din folderul **SP_MDT_exe_v3.1540.00.00**, precum este în imaginile de mai jos:





SmartPhone Multi-port download tool (After-Sale Service Center)

File Option Debug Logging Identity Help

DA file name: D:\..._DA.bin

Authentication file: ...

Certification File: ...

Scatter Files: Scatter File D:\...

BootRom+P...

1 N/A + COM 6

2 N/A + N/A

3 N/A + N/A

4 N/A + N/A

5 N/A + N/A

6 N/A + N/A

7 N/A + N/A

8 N/A + N/A

9 N/A + N/A

10 N/A + N/A

11 N/A + N/A

12 N/A + N/A

13 N/A + N/A

14 N/A + N/A

15 N/A + N/A

16 N/A + N/A

Name	Date modified	Type
backup_and_restore_data	9/28/2015 3:55 PM	File folder
Document	1/12/2016 2:23 PM	File folder
MTK_AllInOne_DA.bin	9/28/2015 2:34 PM	BIN File

File name: MTK_AllInOne_DA

Files of type: Bin File (*.bin)

Open Cancel

Firmware upgrade: ...

Rate: 921600

Download all: ...

Full speed High speed

Battery: No battery

Auto detect

...lling

...nableAutoPolling

Start all

Stop all

Scan



6. Click pe optiunea **Scatter-File** a tool-ului si selectati fisierul **MT6582_Android_scatter** din folder-ul **Update_5.0_Viper_E_15.09.2015**:

The screenshot shows the 'SmartPhone Multi-port download tool (After-Sale Service Center)' interface. An 'Open' dialog box is open, displaying the contents of the folder 'Update_5.0_Viper_E_15.09.2015'. The file 'MT6582_Android_scatter' is selected and highlighted. The 'Open' button in the dialog is also highlighted. In the background, the 'Scatter Files' section of the tool is visible, with 'Scatter File' selected. The main interface includes a menu bar (File, Option, Debug Logging, Identity, Help), a 'DA file name' field, an 'Authentication file' field, a 'Certification File' field, and a list of 'Scatter Files' with checkboxes. Below this is a 'BootRom+P' section with 16 rows of checkboxes and progress bars. On the right side, there are controls for 'Firmware upgrade', 'Download all', 'Full speed' (radio buttons for High speed and No battery), and 'Auto detect'. At the bottom right, there are large buttons for 'Start all', 'Stop all', and 'Scan'.

Name	Date modified	Type
lk.bin	8/4/2015 2:23 PM	BIN File
logo.bin	8/4/2015 2:23 PM	BIN File
MBR	8/4/2015 2:08 PM	File
MT6582_Android_scatter	8/4/2015 2:08 PM	Text Document
preloader_gionee6582_wt_l.bin	8/4/2015 2:23 PM	BIN File
ramdisk	8/4/2015 3:04 PM	Disc Image
ramdisk-recovery	8/4/2015 3:20 PM	Disc Image
recovery	8/4/2015 3:28 PM	Disc Image
secro	8/4/2015 3:25 PM	Disc Image
spdata	8/4/2015 2:57 PM	Disc Image
system	8/4/2015 3:28 PM	Disc Image
userdata	8/4/2015 3:28 PM	Disc Image
vmlinux	8/4/2015 3:32 PM	File



7. Pentru a detecta portul USB, apasati butonul **SCAN** si conectati telefonul inchis.

SmartPhone Multi-port download tool (After-Sale Service Center)

File Option Debug Logging Identity Help

DA file name: D:\V1 Viper E Procedura noua 12.01.2016\SP_MDT_exe_v3.1540.00.00(After-Sale_Service_Center)\output\MTK_AllInOne_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files:

Scatter File: D:\V1 Viper E Procedura noua 12.01.2016\Update_5.0_Viper_E_15.09.2015\MT6582_Android_scatter.txt

BootRom+PreL

1	<input checked="" type="checkbox"/>	N/A + COM 6	●	0%	0 S	Start	Stop	●
2	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
3	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
4	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
5	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
6	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
7	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
8	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
9	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
10	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
11	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
12	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
13	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
14	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
15	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●
16	<input type="checkbox"/>	N/A + N/A	●	0%	0 S	Start	Stop	●

Type: Firmware upgrade

Baud rate: 921600

DA download all:

Full speed High speed

Battery No battery

Auto detect

AutoPulling:

EnableAutoPolling

Start all

Stop all

Scan



SmartPhone Multi-port download tool (After-Sale Service Center)

File Option Debug Logging Identity Help

DA file name: D:\V1 Viper E Procedura noua 12.01.2016\SP_MDT_exe_v3.1540.00.00(After-Sale_Service_Center)\output\MTK_AllInOne_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files

Scatter File: D:\V1 Viper E Procedura noua 12.01.2016\Update_5.0_Viper_E_15.09.2015\MT6582_Android_scatter.txt

<input type="checkbox"/> BootRom+PreLoader COM Sel All	
1 <input checked="" type="checkbox"/> N/A + COM 8	Scan Success! 100%
2 <input type="checkbox"/> N/A + N/A	0%
3 <input type="checkbox"/> N/A + N/A	0%
4 <input type="checkbox"/> N/A + N/A	0%
5 <input type="checkbox"/> N/A + N/A	0%
6 <input type="checkbox"/> N/A + N/A	0%
7 <input type="checkbox"/> N/A + N/A	0%
8 <input type="checkbox"/> N/A + N/A	0%
9 <input type="checkbox"/> N/A + N/A	0%
10 <input type="checkbox"/> N/A + N/A	0%
11 <input type="checkbox"/> N/A + N/A	0%
12 <input type="checkbox"/> N/A + N/A	0%
13 <input type="checkbox"/> N/A + N/A	0%
14 <input type="checkbox"/> N/A + N/A	0%
15 <input type="checkbox"/> N/A + N/A	0%
16 <input type="checkbox"/> N/A + N/A	0%

Type: Firmware upgrade

Baud rate: 921600

DA download all

Full speed High speed

Battery No battery

Auto detect

AutoPulling

EnableAutoPolling

Start all

Stop all

Scan



ATENȚIE! In cazul in care portul USB nu a fost detectat asigurati-va ca respectati cerinta de la punctul 3.



8. După scanarea portului, deconectati telefonul, apasati pe **Start all** si reconectati telefonul inchis la acelasi port USB. (vezi foto mai jos).

SmartPhone Multi-port download tool (After-Sale Service Center)

File Option Debug Logging Identity Help

DA file name: D:\V1 Viper E Procedura noua 12.01.2016\SP_MDT_exe_v3.1540.00.00(After-Sale_Service_Center)\output\MTK_AllInOne_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files:

Scatter File: D:\V1 Viper E Procedura noua 12.01.2016\Update_5.0_Viper_E_15.09.2015\MT6582_Android_scatter.txt

BootRom+PreLoader COM Sel All

1	<input checked="" type="checkbox"/> N/A + COM 8	●	0%	0 S	Start	Stop	■
2	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
3	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
4	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
5	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
6	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
7	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
8	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
9	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
10	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
11	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
12	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
13	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
14	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
15	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■
16	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop	■

Type: Firmware upgrade

Baud rate: 921600

DA download all:

Full speed High speed

Battery No battery Auto detect

AutoPulling:

EnableAutoPolling

Start all

Stop all

Scan



9. Tool-ul va detecta în mod automat portul USB la care a fost conectat telefonul, la PC / laptop si softarea va porni automat ca in imaginea de mai jos:

SmartPhone Multi-port download tool (After-Sale Service Center)

File Option Debug Logging Identity Help

DA file name: D:\V1 Viper E Procedura noua 12.01.2016\SP_MDT_exe_v3.1540.00.00(After-Sale_Service_Center)\output\MTK_AllInOne_DA.bin

Authentication file: [Empty]

Certification File: [Empty]

Scatter Files: Scatter File D:\V1 Viper E Procedura noua 12.01.2016\Update_5.0_Viper_E_15.09.2015\MT6582_Android_scatter.txt

Port	Configuration	Status	DL %	Time	Start	Stop
1	<input checked="" type="checkbox"/> N/A + COM 8	●	6%	24 S	Start	Stop
2	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
3	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
4	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
5	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
6	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
7	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
8	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
9	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
10	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
11	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
12	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
13	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
14	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
15	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop
16	<input type="checkbox"/> N/A + N/A	●	0%	0 S	Start	Stop

Type: Firmware upgrade

Baud rate: 921600

DA download all: Full speed, High speed, Battery, No battery, Auto detect

AutoPolling: EnableAutoPolling

Start all

Stop all

Scan

Format EMMC flash: begin_addr(0x0000000025A0000), length(0x00000001CEDE0000). Auto Polling number:0



10. Finalizarea scrierii softului in telefon, va fi notificata printr-o fereastra cu mesajul **PASS**, ca in imaginea de mai jos:

Row	Check	Label	Progress	Time	Start	Stop	Status
1	<input checked="" type="checkbox"/>	N/A + COM 8	100%	204 S	Start	Stop	PASS
2	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
3	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
4	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
5	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
6	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
7	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
8	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
9	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
10	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
11	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
12	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
13	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
14	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
15	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	
16	<input type="checkbox"/>	N/A + N/A	0%	0 S	Start	Stop	



ATENȚIE! Sub nicio formă să nu întrerupeți operațiunea de scriere a softului.

Scrierea softului în telefon este o operațiune care se realizează pe propria răspundere urmând cu exactitate pașii prezentați mai sus.



ATENȚIE! Prima secventa de boot, dupa rescrierea softului, poate dura mai mult fata de o secventa normala.