



Software update procedure – Viper E Android™ 5.0, Lollipop

These are the advantages of updating the soft:

- > Updating the operating system from Android 4.4 KitKat to Android 5.1 Lollipop;
- > Find a major change of the interface(design): natural moves, shadows and several visual effects etc;
- > For preinstalled apps a change of interfaces: dialling display, settings, camera menu, shortcuts etc;
- > A more efficient resources management ;

ATTENTION! The battery must be fully charged, and the phone must be turned off when initializing the procedure.

ATTENTION! Do not interrupt the updating operation under any circumstances.

ATTENTION! Updating the operating system will lead to total removal of personal information and installed apps.

1. Download the archives: "*Update_5.0_Viper_E_15.09.2015*", "*SP_MDT_exe_v3.1540.00.00*" and "*Driver.zip*" on a desktop or laptop. Unzip into a folder all 3 archives from above.

2. From *Driver* folder, install all necessary drivers. They are compatible with Windows XP, Windows 7, Windows 8, Windows 10. Open the SubDriverSetup executable and follow the steps to install the driver.

3. In "SP_MDT_exe_v3.1540.00.00" folder, double-click on the SPMultiPortFlashDownloadProject executable and Open, then make sure that ScanComportType=1, save (File – Save) and close document as shown below:

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4. In "SP_MDT_exe_v3.1540.00.00" folder, double-click on the SPMultiPortFlashDownloadProject executable

5. Click on the *File* option of *SP_MDT_exe_v3.1540.00.00* and select *MTK_AllInOne_DA.bin* file from *SP_MDT_exe_v3.1540.00.00* folder, as shown below:

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6. Click on the *Scatter-File* option of the tool's flash and select *MT6582_Android_scatter* file from *Update_5.0_Viper_E_15.09.2015* folder, and scan the phone as shown below:

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ATTENTION! In case that the USB port hasn't been detected make sure you have followed the steps from Step 3.





8. After scanning the port, unplug the mobile, click *Start all* and reconnect the phone, while turned off, to the same USB port.(see image below)

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15 🗖 N/A + N/A	0%	0 S Start Stop	Stop all
16 🖵 N/A + N/A	0%	0.S Start Stop	
			Scan





9. The tool will automatically detect the USB port on which the phone was connected (to desktop or laptop) and the softing will automatically start, as in the image shown below:

Smarter	hone Multi-port download	tool (After-S	ale Service Cer	nter) – 🗆 🔼
le Option Debug Logging Identity Help				
DA file name D:\V1 Viper E Procedura noua 12	:01.2016\SP_MDT_exe_v3.1540.00	.00(AfterSale_Set	vice_Center)\output	t\MTK_AllnOne_DA.bin
uthentication file				
Certification File				
Scatter Files Scatter File D:W1 Viper E Procedura noua 12	.01.2016\Update_5.0_Viper_E_15.0	3.2015\MT6582_4	android_scatter.txt	
BootRom+PreLoader COM Sel All				Type Firmware upgrade
1 🔽 N/A + COM 8 🔴 DL	6%	24 S St	art Stop	Baudrate 921600
2 🗆 N/A + N/A	0%	0S St	art Stop	· · · · · · · · · · · · · · · · · · ·
3 🗆 N/A + N/A	0%	0 S Sta	art Stop	DA download all
🗆 N/A + N/A	0%	0 S St	art Stop	C Full speed @ High speed
5 🗖 N/A + N/A 🍈	0%	0 S Sta	art Stop	
6 🗖 N/A + N/A 🔴	0%	0 S St	art Stop	C No battery
7 🗔 N/A + N/A 🌔	0%	0 S Sta	art Stop	C Auto detect
3 🗖 N/A + N/A 🔴	0%	0 S _ St	art Stop	
9 🗖 N/A + N/A 🔴	0%	0 S St	art Stop	AutoPuling
10 🗖 N/A + N/A 🔴	0%	0 S Sta	art Stop	EnableAutoPolling
1 🗖 N/A + N/A 🔴	0%	0 S _ St	art Stop	
12 🗖 N/A + N/A 🔴	0%	0 S Sta	art Stop	
13 🗖 N/A + N/A 🔴	0%	0 S Sta	art Stop	Start all
14 🗖 N/A + N/A 🔴	0%	0 S Sta	art Stop	
15 🗂 N/A + N/A 🔴	0%	0 S _ St	art Stop	Stop all
16 🖵 N/A + N/A 🔴	0%	0 S St	art Stop	Scan
rmat EMMC flash: begin_addr(0x0000000025A/	0000), length(0x00000001CEDE000	0). Auto Polling	number:0	



ATTENTION! Do not interrupt the writing software operation under any circumstances. This operation is made on your own risk, by following precisely all the steps from above.

ATTENTION! The first sequence of boot-ing, after re-writing the software, can take up to 10 minutes.