



# Driver installation for SP BSP tools



MBJ\_WCP2OSS5\_ST

# Revision

Version	Date	Content & Modification
V1.0	2012/06/11	Draft version
V1.1	2012/09/20	Use DPInst to install drivers Integrate signed and unsigned drivers into package Integrate SP_Drivers_v1.5 (Kernel drivers)

# Outline

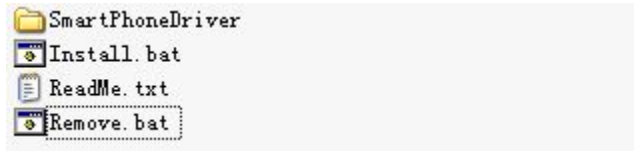
- Statement
- Driver installation/uninstall
  - USB driver
    - Installation steps
    - Uninstall steps
  - UART driver
- Appendix

# Statement

- Object
  - To simplify procedure of driver installation when using SP BSP tool
- Scope of application
  - SP Flash tool
  - Maui META tool / SP META tool
- Key user
  - Internal RD & QA

# Driver installation/uninstall

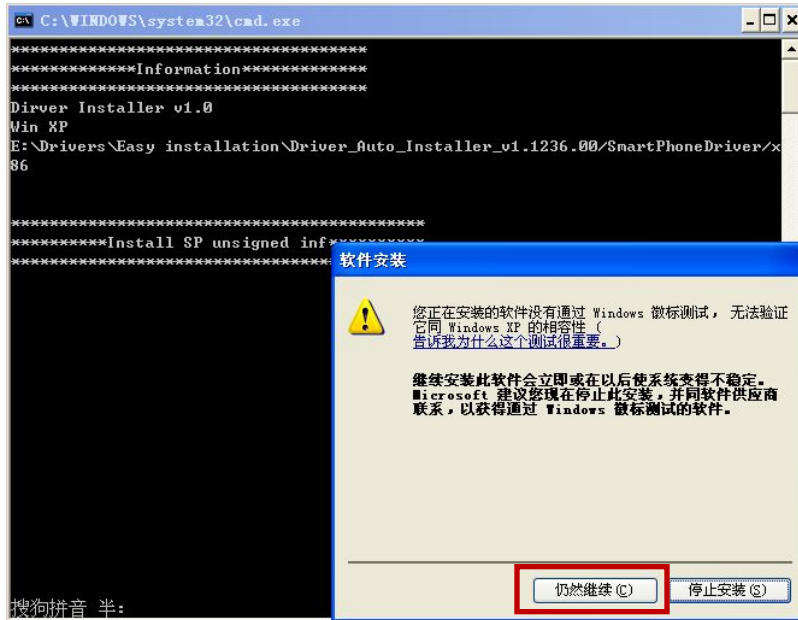
- USB driver
  - Installation steps
    - Unplug devices which connect with PC through USB cable
    - Uncompress package of driver auto installer
    - Run Install.bat



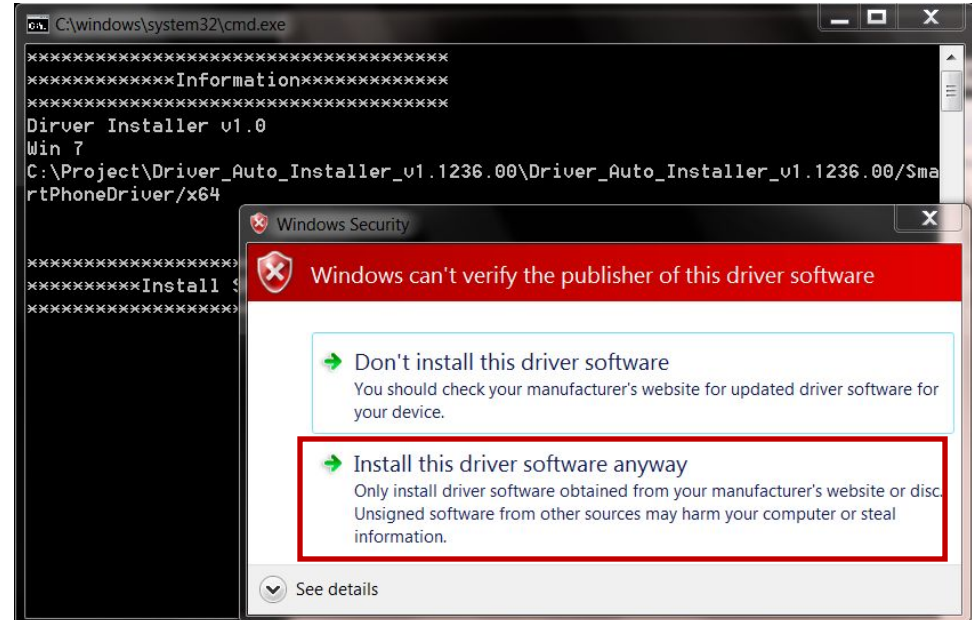
# Driver installation/uninstall

- USB driver
  - Installation steps
    - If warning prompt shown about unsigned drivers installation, please confirm it

## Win XP



## Win 7



# Driver installation/uninstall

- USB driver
  - Installation steps
    - Wait a moment till prompt of installation completed

## Win XP

```

C:\WINDOWS\system32\cmd.exe
*****Information*****
Dirver Installer v1.0
Win XP
E:\Drivers\Easy installation\Driver_Auto_Installer_v1.1236.00\SmartPhoneDriver/x
86

*****Install SP unsigned inf*****
Install complete!

*****Install SP signed inf*****
Install complete!

请按任意键继续. . .
搜狗拼音 半:
  
```

## Win 7

```

C:\windows\system32\cmd.exe
*****Information*****
Dirver Installer v1.0
Win 7
C:\Project\Driver_Auto_Installer_v1.1236.00\Driver_Auto_Installer_v1.1236.00\Sm
rtPhoneDriver/x64

*****Install SP unsigned inf*****
Install complete!

*****Install SP signed inf*****
Install complete!

Press any key to continue . . .
  
```

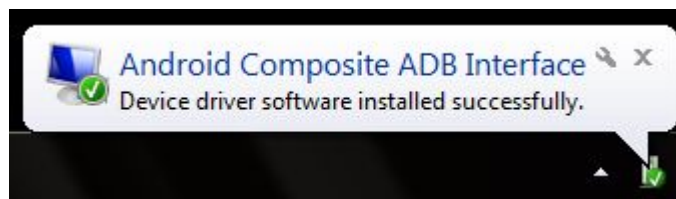
# Driver installation/uninstall

- USB driver
  - Installation steps
    - Run tool and plug device into PC through USB cable
    - For signed driver (Details in appendix)
      - ONLY a small prompt may appear on system tray, OS will recognize it and make it available

## Win XP



## Win 7





# Driver installation/uninstall

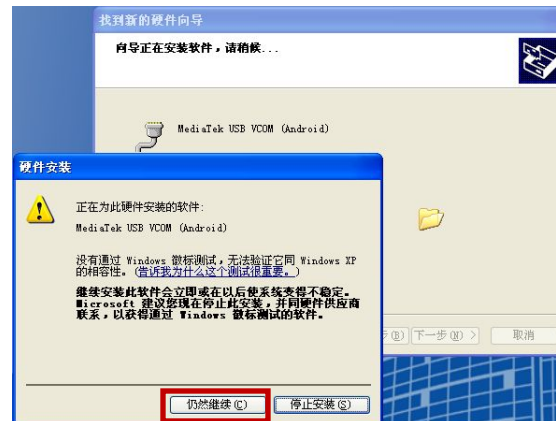
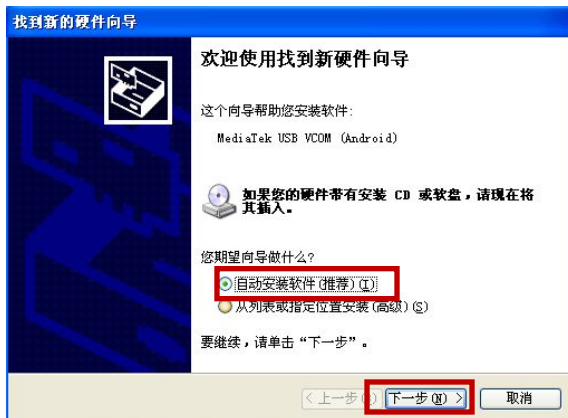
- USB driver

- Installation steps

- For unsigned driver (Details in appendix)

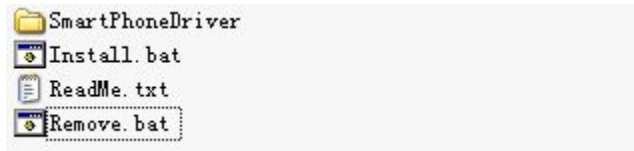
- A small prompt may appear on system tray, be similar to signed driver, OS will search matched driver automatically (Win 7)
      - A dialog will be pop up to driver installation, user should click auto installation, if unsigned prompt shown, please confirm it (Win XP)

## Win XP



# Driver installation/uninstall

- USB driver
  - Uninstall steps
    - Unplug devices which connect with PC through USB cable
    - Run Remove.bat



# Driver installation/uninstall

- UART driver
  - Install driver listed below
    - FTDI driver (For 2 in 1 cable)
    - [\\glbfs14\sw\\_releases\Wireless\\_Global\\_Tools\Tool\\_Release\SP\\_Drivers\InUse\UART\FTDI](\\glbfs14\sw_releases\Wireless_Global_Tools\Tool_Release\SP_Drivers\InUse\UART\FTDI)
    - Prolific driver (For 3 in 1 cable)
    - [\\glbfs14\sw\\_releases\Wireless\\_Global\\_Tools\Tool\\_Release\SP\\_Drivers\InUse\UART\Prolific](\\glbfs14\sw_releases\Wireless_Global_Tools\Tool_Release\SP_Drivers\InUse\UART\Prolific)

# Appendix

- Details in installation package
  - Bootloader drivers
    - BootROM USB (Signed)
    - Preloader USB (Signed)
    - DA HS USB (Signed)
  - Kernel drivers
    - ADB (Unsigned)
    - ACM (Unsigned)
    - RNDIS (Unsigned)
    - MTP (Unsigned)

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