GPS-

0.

GPS- .   ,   -

:   **gps-**   **!**

-   .

,   ,   .

:"   gps-   ".   "   ",   ,

.   ……,

,   **Pioneer Avic S2**   **10.000**
:

•   Bluetooth
• MP3-
•

,   ,   -   .   ,   ..

•   :"

?"

•   **iGo**,   -   -
       ....   ,   ,   ,   ,   ,   . .

•   ,

,   ,   ,   -

.

1.

,   -   **Garmin Nuvi 205**   **8.000**   -   63

,   -   ,   -

.

,   **TomTom, Nec, Pioneer**,

noname   ,   **MIO, Orion**   **Shivaki**.

"GPS"   .

,

,   500.000-

.   -

,   ,   .

GPS-

Garmin		63	38
		34	27
iGo 2006	teleAtlas	26	9
	teleAtlas	26	9
City Guide	-	32	6
JJ-connect +	JJ-Group " "	16	-
TomTom	TomTom	2	-
iGo 8		-	-

Garmin,   -   .
_____,   ,   ,_____
_____.

3.   GPS-

- •   Garmin -   :   (;)   -   .
- •   Windows Mobile   Palm OS,   Symbian'   -   :
  Garmin Mobile XT,- _____,   -   Garmin.

- •
                 ?

4.   PNA?

                                                          .
              PNA (Personal Navigation Assistant) -   .. **Windows CE**!   Pioneer' , MIO, JJ-Connect' -
         .

         ,   ,   .   ,   .   ,
       ,   ,   ,   :   _____
       ,   -   ,
                                             .

- •   -   ,   ,   -
                        _____,   .
                                                   , _____,_____.
- •   -   ,   . _____,   ,   ,   .   WinCE
                                                                  -
                  pna   .

5.

(**Pioneer**) - -
, " **reset**" -
. - .
- : .
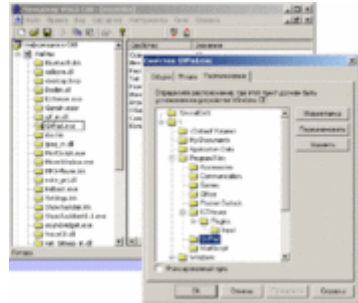
: SD-
autorunce.exe, reset' ,
mnavdce.cab.

. Cab -
, WinCE. cab-
(,) **Win CE CAB**
Manager. .

:
•
• -
•
, , : . ,
, Windows XP.

6.

, WinCE _____
:

:

• **regedit** -
• **cecmd.exe** - Total Commander WinCE
• **jotkbd.exe** -
• **movewindow.exe** -
• **resinfo.exe** -
• **port splitter.exe** - gps- (
)
• **MortScript.exe** - **WinCE**. .bat DOS, _____
_____.

WinCE : **utils.zip**.
SD- - .

7.

pna . " ",
" " ". , :

• JJ-Connect'
• Shivaki
• iGo Pioneer' .

, PNA : - , -
. WinCE ." "
, , , .

• 1 :
• 2 :
• 3 :

,   -
                                                                    .

                    pna   -   .
              ,   "   ".

                          ,   ,   "reset"
                                                                                                                    -   .
              ,   .

                                          ,   -
-   .

8.

                                      :   ,   ,   ,
                                                            -                              .
              ,   ,   .

                                                                                  exe-
                          (**_____**).

              -              ,   ,   .   SD-
                      -              ,   usb-   .   :
                                                                      ,   ,
                              Microsoft ActiveSync.

              ,   ,   SD-   .
                              (   ),   exe-   .   -   .
                              ,   ,

              :
- **\SDMMC\Navitel\Navitel.exe**
- **\SDMMC\MobileNavigator\MobileNavigator.exe**

              ,   -   exe-   -   ,   "1":
MobileNavigator1.exe.   cecmd.exe,   :
MobileNavigator.exe.

              -   ,   ,   ,
"   ".   -
                    Total Commander   WinCE.

9.

                                                          ,   -
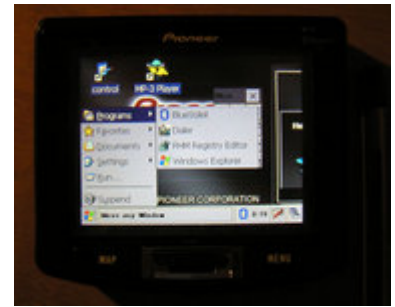   .   resinfo.exe -
                                                                                  .   System.
                                                      :
                                                                                                                                  - WinCE 5.00.0
    - ARM926T
    - 320x240
    - MALATA_GPS

? -   ,
    ,   -
     .   ,   ,
                    .

     -     -   ,
                     .

                                                    ?   \WINDOWS
          explorer.exe.   TaskbarShow.exe
[Utils.zip](#).   ,   .

10.   Garmin Mobile XT

                                        :   Exe-   ,   .
[_____](#),   .
                    ,   ,   .

                              -   **Garmin Mobile XT** -
                    Garmin.   ,
          Windows Mobile, Symbian   Palm -   WinCE.

                                                        -
     Garmin Mobile XT   WinCE.   ,   WinCE   Windows Mobile
          .

                              :
- [GarminMobXTWinCE.zip](#)
- [GarminMobileXTforWindowsCE_50010w.rar](#)
- [GarminMobileXTforWindowsCE_50020w.7z](#)

                    ,   .   WinCE 5.00.20 -
          GarminMobileXTforWindowsCE_50020w.7z,   -   GarminMobileXTforWindowsCE_50010w.rar
                                                    ,   .

11.   Garmin

                    Garmin Mobile XT   WinCE   Que.exe.   ,
                    MortScript   .   Garmin.mscr
                    :

- **1)   :   Garmin Mobile XT   -   :**
If(WndExists("Garmin Mobile XT"))
      Show("Garmin Mobile XT")
      Exit
EndIf

- 2)   **explorer.exe** (   ).   GMXT   "Read access
violation at data address 0xFFFFFFFC" -   explorer.exe,   garmin'   :
If(not ProcExists("explorer.exe"))
      Run("\windows\explorer.exe")
      Sleep(400)
EndIf

- 3)   ,   explorer.exe   garmin'   ,
     .   TaskbarHide.exe   [Utils.zip](#):
Run(SystemPath("ScriptPath")\"TaskbarHide.exe")
Sleep(500)
Run(SystemPath("ScriptPath")\"TaskbarHide.exe")

- 4)   GMXT   SD-   .   SD-
          -                                      ,   -   .
XCopy(SystemPath("ScriptPath")\"Settings*.*", "\Garmin", TRUE)

- 5)   **Garmin Mobile XT**   :

```
RunWait(SystemPath("ScriptPath")\"..\Apps\WM\que.exe")
```

• 6)   -   SD-   :

```
XCopy("\Garmin\*.*", SystemPath("ScriptPath")\"Settings", TRUE)
```

• 7)   .   explorer'   :

```
Run(SystemPath("ScriptPath")\"TaskbarShow.exe")
```

• 8)   **explorer.exe** -   :

```
If(ProcExists("explorer.exe"))
        Kill("explorer.exe")
EndIf
```

                                        .   ,   .   "'ProcExist' requires
toolhelp.dll" -   **toolhelp.dll**   Utils.zip.

12.   **Garmin Mobile XT**
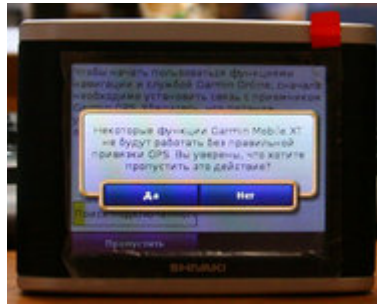
                          GMXT   :
            ,   -   !
                        "   Garmin GPS".
                       "   " -   .
                   ,   GPS-
                   Garmin   -
                           - 3/4   .   "   " -> "   ",
                 ID   (10   ).

               ,   -   .
          Garmin.   ,   .

                       1.5.

      Unit ID   ID   .   Software Product -
Garmin Mobile XT.   Generate.
           Garmin Mobile XT   (Garmin) GPS-
      ,   Garmin   **sw.unl**
              -                   -
      "   ".

                              .   **Map Product**   .   .
         "   5.xx"   FID=1280,   OK.   Generate.
                   "   "   .   ,
Garmin   **gmapsupp.unl**   -
        -                "   ".

                    ,   .

13.

                         Garmin Mobile XT.   garmin
GarminMobileXTFreeBasemap_4xxxx.exe.   ,   ,
     .

             GMXT   WinCE   Garmin Mobile XT (
      Voice) -   **GarminMobileXTSupportFiles_4xxxx.exe**.
                 ,   ,
         .

                   "   **5.11**"   .img   490
   .   -   map_updater_5_11.exe,

Garmin .

gmapsupp.img,   -

.   ,   5.12   5.13
.

gmapsupp.img   **5.11**   ,   **GMapTool**,
:
- gmapsupp.img.
- Write   Insert unlock code
- gmapsupp.unl.
- write all   ,   .
- gmapsupp.img   Garmin   .

map_updater_5_12.exe   5.12,   **map_updater_5_13.exe** -   5.13.

. -   ,
Garmin.

14.   garmin   gps-

pna-   ,   GMXT
-                          GPS-   .   ,   COM-   ,
WinCE   GPS-   -   .
Port Splitter,   .

"   "   COM-   ,   GPS-
-                              COM-   : COM1..COM9.   Port Splitter.exe
,   GMXT - garmin.mscr.

Port Splitter:
- 1.20
- 1.30   settings.dat (-   01.01.2007)

.   1.20,   Voxtel' Shivaki
-            COM-   .

Port Splitter -   .
,   GPS-   .   **COM7**.
-                **9600**   .
COM-   ,
.

,
.   ,   **COM0**.
"   ".   "   ",   "   "   .
.

GMXT   ,   GPS-   .   -   ,
.   ,   .

Port Splitter.exe.   "   ",   "Exit".   ,
-                **Settings.dat**.   **Settings.bak**.   ,
-                        -
.

,   -   garmin.mscr   3) 4)   -
:

```
Copy(SystemPath("ScriptPath")\"Settings.bak", SystemPath("ScriptPath")\"Settings.dat", TRUE)
If(not ProcExists("Port Splitter.exe"))
        Run(SystemPath("ScriptPath")\"Port Splitter.exe")
        Sleep(500)
EndIf
```

15.

garmin.mscr - GMXT,

( )

.

" " -> " " -> (

), . , .1. ,

- " , ".

, .

" " cecmd.exe

- GMXT. **runme.zip**, :

- runme.mscr - MortScript
- MortScript.exe - MortScript
- runme.exe - , - , .exe-

.

, exe- , (

8). , Navitel.exe Navitel SD- - runme.exe
runme.mscr Navitel.exe Navitel.mscr , .

Navitel.mscr:

Errorlevel("warn")
RunWait(SystemPath("ScriptPath")\"..\Garmin\RunGMXT\Garmin.mscr")

, , : " "

GMXT.

16.

? . :

GMXT Pioneer, Voxtel Shivaki - -

, !

? :)

- Shivaki (,) - (43).

, Garmin Mobile XT "

" ..