

# WireLess Deployer Client Technical Manual

Version 1.0

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## Revision History

Changes to the original manual are listed below:

Version	Date	Description
01/01/00	10/05/09	Initial release.

## WDP client-side files

The files on the pda side of Wireless Deployer (from now on WDP) are composed by a set of programs, configuration files, libraries and scripts. The following section shows a list of them organized by category:

### Programs

- wdp.exe
- wdploader.exe
- wdplauncher.exe
- wdpstats.exe
- flexvnc.exe
- flexrpvserver.exe
- flexftpverser.exe

### Configuration files

- wdp.cfg
- wdpstats.cfg

### Libraries

- kbdhook.dll
- stghook.dll

### Scripts

- wdp.lock
- wdp.unlock
- wdpclce.copy
- remctrl.copy
- wdpclce.wdp

### Shorcuts

- wdp.lnk
- wdplauncher.lnk
- wdploader.lnk

Depending on the model of the device where WDP is installed some scripts and shortcuts may change. On Symbol devices, .copy files are replaced by .cpy files and wdpclce.wdp is not needed, as well as wdploader.lnk which may be replaced by wdploader.run file.

# Components

Basically, these are the components of WDP.

## Loader

- wdploader.exe

## Client

- wdp.exe
- wdp.cfg
- wdp.lock
- wdp.unlock
- wdpclce.copy
- remctrl.copy
- wdpclce.wdp
- wdp.lnk

## Launcher

- wdplauncher.exe
- wdp.cfg (some keys)
- kbdhook.dll
- stghook.dll
- wdplauncher.lnk

## Remote Control

- flexvnc.exe
- flexrpvserver.exe
- flexftpvserver.exe
- remctrl.copy

## Monitoring

- wdpstasts.exe
- wdpstasts.cfg

## Installation structure

On most of the devices the files are installed into a flash memory. The main directory is "wdp", where almost all files resides.

```
\flash directory
.   \wdp
.   . - - - - wdploader.exe
.   . - - - - wpd.exe
.   . - - - - wdplauncher.exe
.   . - - - - wdpstats.exe
.   . - - - - flexvnc.exe
.   . - - - - flexftpsrv.exe
.   . - - - - flexrvpsrv.exe
.   . - - - - wdp.cfg
.   . - - - - wdpstast.cfg
.   . - - - - wdp.lock
.   . - - - - wdp.unlock
.   . - - - - kbdhook.dll
.   . - - - - stghook.dll
.
. - - - - wdpclce.copy
. - - - - remctrl.copy
. - - - - wdpclce.wdp
```

## WDPLOADER

The loader is executed at start-up time by the Operative System after a warmboot, coldboot or cleanboot.

This component is responsible for updating some files, loading configuration file of the client and the launcher, copying files to windows and finally executing programs.

### Updating clients

The loader is able to update the clients by looking for \*.new files in the install directory.

File to be updated	New file
wdp.exe	wdp.new
wdplauncher.exe	wdplauncher.new
wdpstats.exe	wdpstats.new

Once any of these files are found, the loader replaces the new files by the old ones. Then, it updates the working copies placed on \windows.

### Updating configuration file

*wdp.cfg*

There are two ways for updating wdp.cfg:

- The first one is to replace the old wdp.cfg file by a new one.
- The second one is use **wdp.update.cfg**. If the loader finds wdp.update.cfg in the install directory (i/e \application\Wdp) it will merge wdp.cfg with wdp.update.cfg. Put in this file only the sections and keys you want to modify.

Don't use wdp.update.cfg if you need to change wdp.cfg completely, instead use the first method. That is, replace the old configuration file by the new one.

*wdpstats.cfg*

To update wdpstats.cfg replace the file by a new one.

## Executing programs

After performing the update task, the loader will copy some file to “\windows” and finally execute them.

The following files will copied to “\windows”:

Files to be copied to \windows	Is executed...
wdp.exe	always
wdplauncher.exe	if enabled by configuration
wdpstats.exe/wdpstats.cfg	if enabled by configuration