

# Service Pack Instructions

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Service Packs are software packages designed to provide enhancements, updates, and additions to Dolphin terminals, and can be quickly and easily installed or removed in the field. Service Packs are distributed as CAB (cabinet) files, and are installed in the /IPSM/AutoInstall folder. Typically, users will manually install the packs (see below for instructions), although Service Packs may also be pre-installed by HHP. It is recommended that the latest HHP software components be used in conjunction with any packs.

Service Pack CAB files use the following file naming convention:

**SP\_[Product family]\_[Kernel version]\_[Service Pack number][Suffix].CAB**

*Product family* : D7300 or D7400

*Kernel version* : Three digits, 200 or later

*Service Pack number* : two digits, 01 – 99

*Suffix (not always present)* : [B,C,D,I]

Service Packs contain intelligent installation mechanisms, and will only install on the precise kernel version for which they were developed. In addition, only a single pack can be installed on a terminal. In the event that two packs are installed on the same device, the first will install and the second will generate an error message. This does not pose a problem because each Service Pack released for a particular kernel version is a collection of all known fixes and enhancements for that kernel at that time. In other words, kernel 2.08 SP2 encompasses all of the contents of 2.08 SP1, thus making it obsolete. The exceptions to this rule are packs that contain a suffix in their filename. Packs with a “B”, “C”, or “D” suffix are custom software releases, and do not necessarily follow the backwards encompassing rule. Packs with an “I” suffix are “intermediate” or “beta” releases. HHP recommends that customers review the available documentation or contact Application Support to determine whether to upgrade from one of these packs.

The recommended procedure for installing a Service Pack is as follows:

- 1) Establish an ActiveSync connection with the terminal.
- 2) Verify the IPSM version using Windows Explorer by checking for the presence of a file in /IPSM with the name vXXX, where XXX is the version number. If the version is less than 420 (which indicates version 4.20), refer to the release notes for additional steps.
- 3) Check for a previously installed Service Pack by searching /IPSM/AutoInstall for any CABS which use the naming convention described above. If any are found, back them up to the workstation and delete them from the terminal.
- 4) Copy the new pack to the /IPSM/AutoInstall directory on the terminal.
- 5) Cold boot the terminal (CTRL-ESC), and verify that no error dialogs appear during the installation process.

In the unlikely event that a Service Pack produces an undesirable effect on the terminal, the following procedure can be used to de-install, or “roll back” a Service Pack:

- 1) Establish an ActiveSync connection with the terminal.
- 2) Delete the Service Pack CAB from the /IPSM/AutoInstall directory.
- 3) If appropriate, restore the original Service Pack to the /IPSM/AutoInstall directory.
- 4) Cold boot the terminal.

## Service Pack Release Notes

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### SP\_D7400\_200\_01.CAB

- 1) Fixed problem with IrDA which caused the end of a transmission from the terminal to be truncated. This problem was most noticeable with IrDA printing.
- 2) Included hhpsysevents.dll to phase out hhpdlis10.cab. Users installing this Service Pack in conjunction with IPSM v 4.10 should delete hhpdlis10.cab from their AutoInstall directory.
- 3) Improved IrDA throughput by approximately 20%. This is beneficial to ActiveSync connections over IrDA, virtual IrCOMM applications, and IrSock applications.

### SP\_D7400\_208\_01.CAB

- 1) Fixed problem with IrDA which caused the end of a transmission from the terminal to be truncated. This problem was most noticeable with IrDA printing.
- 2) Included hhpsysevents.dll to phase out hhpdlis10.cab. Users installing this Service Pack in conjunction with IPSM v 4.10 should delete hhpdlis10.cab from their AutoInstall directory.

### SP\_D7400\_208\_02.CAB

- 1) Fixed problem with IrDA which caused the end of a transmission from the terminal to be truncated. This problem was most noticeable with IrDA printing.
- 2) Included hhpsysevents.dll to phase out hhpdlis10.cab. Users installing this Service Pack in conjunction with IPSM v 4.10 should delete hhpdlis10.cab from their AutoInstall directory.
- 3) Added ActiveSync quick disconnect feature to the Virtual IrCOMM port (IrDA on COM4). When a terminal is removed from an Intellibase, ActiveSync will rapidly drop the connection and shut down.
- 4) Added ActiveSync launch tab to control panel communications applet. This allows users to configure ActiveSync to launch automatically when the unit is docked.
- 5) Added the DetectoidCE application to easily configure ActiveSync communication parameters.
- 6) Added new wadecodece.dll with ALD support