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## Eagle Point Solution to a Frequently Asked Question

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### Enhancements in *Pocket SMI* since Version 1.0R

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**Summary:**

This document provides a list of enhancements made to *Pocket SMI* since Version 1.0R.

**Product:** Pocket SMI

**Platform:**

**Related documents:**

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**Note:** This enhancement lists starts with the most current enhancements made.

#### 1.1A (September 20, 2002)

- Includes *SMI Version 7.02K*.
- Installs now include predefined menus for Command Bar, Favorites, and Keys.
- Installs now set predefined menus as a default menu.
- Bug fix - Setupdll.dll now always runs Setup.EXE from the install dest directory.
- Tapping a non-assigned Command Bar button now displays a message and doesn't switch interface to *Pocket SMI*.

#### 7.1 B (Multiple revisions of 7.1 B released)

- Includes *SMI Version 7.1B*.
- *Classic SMI*: Fixes to GPS Diagnostics command.
- Major changes to password system. This helped to make it compatible with more devices.
- Dell XSCALE based Pocket PC now supported. It did not work before.
- (Allegro Desktop) F1 will not cause a crash now.
- (GPS/Robotic) Graphical Stakeout now displays distances in meters if the user is in meters mode.

#### 7.1 C (January 30, 2003) (Multiple revisions of 7.1 C released)

- Includes *SMI Version 7.1C*.
- Fixed the RTK Correction count for GPS Diagnostics for the NavCom Instrument Driver.

- Fix for Graphical Stakeout: units and North/South issues introduced in 7.1B. Scale label and Stakeout Options labels display "ft" or "m" based on which mode the user is in, instead of "ft" only.
- (Allegro) Added CVC and DCE card types to Allegro installation.
- (Allegro) Always report a device ID that is the Allegro Serial Number.

#### **7.1 D (Multiple revisions of 7.1 D released)**

- Includes *SMI Version 7.1 D*.
- *Pocket SMI*: In order to display the entire title in the window, made "Pocket SMI" label longer because it was cutting off at "Pocket" not showing the "SMI."
- *Classic SMI*: Help now is installed under the destination directory rather than \Windows directory.
- Setup.exe can only have a single instance running at a time.
- (Allegro Desktop) Added task bar image from real Allegro device, although none of it functions.
- (Allegro Desktop) Two-part installations like handhelds. Second install requires password based on the serial # of C: hard drive.
- (Allegro Desktop) Disabled instrument communications. Shows appropriate error messages.
- Displays different error messages on handhelds if the port is disabled or it is unable to open the port.
- (Allegro Desktop) Removed Download Geoid File command.
- Fixed crash when native SRECV returned 0 bytes.
- (Allegro Desktop) Put Menu buttons above display instead of accessing them with a right click on the mouse.
- (Allegro Desktop) The title bar is only hidden by default when started in 800x600. You can still use F12 to toggle.
- Includes fixes to GPS Diagnostics for NavCom.

#### **7.1 E (February 19, 2003)**

- Includes *SMI Version 7.1 D*.
- (Allegro) Fixed installation issues. This includes automatically closing Launcher.exe when it is auto-uninstalling the previous version. Installing over top of itself is now a smooth process.
- (Allegro) Fixed the long amount of time it takes to install and run Setup.exe when installing to "\C\_Drive." This was done by installing the Help to \Windows\SMI Help instead of to: "%InstallDir%\Online Help."
- Setup.exe: Hourglass is displayed when it is fixing the Help links.

#### **7.1 I (May 28, 2003)**

- Includes *SMI Version 7.1 E*.
- Fixed time change issue. Changing your system time on your CE device no longer requires your to re-enter your authorization.

#### **7.1 J (July 15, 2003)**

- New common keyboard code added. This change effected all devices with a keyboard.

- The SMI modes are tracked for all devices, not just IPAQ like previously.
- "48 Menu Browser" command removed.
- Y Button changed to show command key menus instead of menu browser.
- The splash screen is explicitly hidden at shut down.
- Allegro: Blue + Del key now displays a '!'.  
Allegro: If alpha is on, \_ displays an \_.
- Beeps now put into subroutines. Beeps.cpp.
- & and @ characters do nothing when in list mode.
- New standardized method of replying to requests on opcode 81BC (48 generated requests).
- Allegro Desktop: Blue + - now does - instead of period.
- Cancel, Edit, and List mode are cleared after receiving a "Start SMI Mode" opcode.
- Graphical Stakeout meters label problem fixed, when displaying smiley.
- Removed earth's curvature correction in CalcGPS.
- The compile date is placed on the About window.
- Close on crash sometimes bug fixed: (SString::Right()) replaced with 7.2 code.
- If we can't parse a shot when communicating with 48 code, then a status of invalid shot is returned instead of keep waiting for the shot.
- Graphical Stakeout Status label made longer to accommodate "Warning:"
- Updated About Window text.
- Added Eula window.
- Pocket SMI Installations: Added EULA as first wizard box.

#### **7.1K (July 31, 2003)**

- Fixed Graphical Stakeout slight error over large distances.
- Fixed GPS Status problem started in 7.1J. Would not start unless BASE had already been pressed.
- When getting a GPS Setup reply, if it includes an E or W, the message is displayed in a Message Box.

#### **7.1L (9/12/2003) (Only released for GADOT)**

- Includes SMI Version 7.1K.
- Command List: Added HMS+, HMS-, +, -, \*, /, SQRT to the "Trig" group. (60120)
- Classic SMI Installation: Added "Math Operators.mnu" and "Trig.mnu" for Command Keys. (60138)
- Allegro Desktop 2 of 2 Installation: Added support for GADA and GDRA. (60139)
- Command List: Added command "48 Georgia Scale Menu". (60143)

### **7.1M (9/25/2003)(Only released to Beta Testers)**

- Includes SMI Version 7.1M.
- Command List: Changed the name of the command "48 Georgia Scale Menu" to "48 Georgia Scale Factor"
- Command List: Added command "48 Georgia Next Chain"
- Allegro: Default installation location changed to "\C\_Drive\SMI Allegro" to eliminate issues with CE automatically renaming the default location from "Emu48CE" to "SMI Allegro". Now it will always install into "\C\_Drive\SMI Allegro". (60130)
- Classic SMI: Eliminated the variable bCommInit. (60145)
- Classic SMI: Com Ports are closed at the start and end of transfers. (60154)

### **7.1N (9/30/2003)**

- Includes SMI Version 7.1N.
- Classic SMI: Fixed issue with SMI Transfer giving the "Failed Parsing Data Collector Version String" when using the "PC" command. This was due to the COM Port opened using parity if the current instrument driver used parity. (60014)
- Classic SMI: Fixed issue with transfers using the Baud Rate of the instrument instead of 9600. (60153)