Why Update to DC5 Windows CE Version 2.9.06?

November 23, 2005

Below is a quick reference list of the changes to the DC5 OS.

OS DC5 ver. 2.9.06 from ver. 2.9.05:

Corrected a bug that increased the display update time for single character updates. This issue was very noticeable with high - speed data entry in financial inventories and also quantity 1 SKU inventories.

OS DC5 ver. 2.9.05 from ver. 2.9.04:

- Corrected bug in 2.9.04 that affected the older 2410 RF module and provided more power up timing margin for some 2450 units.

OS DC5 ver. 2.9.04 from ver. 2.9.02:

- Added support for new RF module – 2450.

OS DC5 ver. 2.9.02 from ver. 2.9.01:

- Added support for a secondary font.

OS DC5 ver. 2.9.01 from ver. 2.8:

- Improved the display scrolling speed and corrected display clear bug that shows up when using the "Edit" and "Enter" routines. These bugs were present in OS versions 2.4 through 2.8.

OS DC5 ver. 2.8 from ver. 2.7:

- Fixed communication error that randomly could cause a Xmodem communication session to fail when transferring the DC5 Wintakes client in Wintakes. Error could also occur only when downloading any file using Xmodem to the DC5.

OS DC5 ver. 2.7 from ver. 2.6:

- Corrected a bug in all previous versions of the OS. KbdRead did not return Bit 7 of the High byte set if two keys were struck simultaneously as per the documentation. In addition, OS ver. 2.2 did not provide an audible warning when the two keys were struck at the same time. Previous versions did provide the warning. OS versions 2.7 and above will provide both the audible warning and return Bit 7 of the High byte set in this circumstance.
- Fixed GetLong to properly handle right justified fields containing a leading 5 preceded by spaces. These fields would be interpreted as negative. This bug was introduced in version 2.4 and was in 2.5 and 2.6.

OS DC5 ver. 2.6 from ver. 2.5:

- Fixed communication error that was found in FinAud Master File Manager file transfers. Make TxDone return correct status value.

OS DC5 ver. 2.5 from ver. 2.4:

Ref. DC5 Why Update.doc

- Fixed minor cursor positioning bug in StrDspXY and EditString "dirty" bit operation with ESC key on ver. 2.4.
- Fixed bug in CNDIPacker triggered by more than 20 zeros in a row.
- Fixed 2.4 SDK error using .c source files with ndc5kernelio.h.

OS DC5 ver. 2.4 from ver. 2.3:

- Battery Life increased - ~ 33% (RF & Scanner), ~50% (Scanner), ~100%(no Scanner).
- Download speed improved - 2.4 MByte file sent in less than 1 min. via Ethernet port vs. 8-10 min via serial port.
- Supports multiple simultaneous Ethernet download sessions to DC5s from Laptop using low cost "Cable Modem/DSL" router.
- Corrected "dirty" bit operation in EditString when field data was changed. This error was in all previous OS versions.

OS DC5 ver. 2.3 from ver. 2.2:

- Added Keyboard Shift Lock API.

OS DC5 ver. 2.2 from the original Releases 1.8??? and also 1.9ix and 1.9iy:

- Better Compact Flash (CF) card Support - Fewer system "PC Card" error messages".
- More CF card vendors - Kingston, Verbatim, Crucial, Viking, SynchroTech, Lexar.
- NDI DataManager will provide audible "braap" if card is removed while in use.
- Elimination of accidental "resets" during battery change, mostly while using CF card.
- 4 sec "OFF" key timeout after "ON" prevents premature operator turnoff if CF card is in use.
- Faster DataManager - DataManager debug logging disabled by default.
- Improved resistance to mechanical shocks.
- More consistent "Low Battery" warning - less likely to skip "Low Battery" with "smart" laser scanners.
- "Smart" laser scanners with 7E1 communications (7 data, even parity,1 stop bit) now supported.
- More consistent "Turn ON" with "smart" scanner attached.
- Visual "Green LED" flash when "ON" pressed gives positive feedback that DC5 actually turned on.
- Improved Data Integrity - More reliable application execution.
- "Transfer Files" enhanced - This function can now place files directly onto the CF card.
- Display memory no longer can overlap large file memory.
- RAM used by OS reduced - More RAM for the applications.
- RF module power control improved - Improved OFF/ON cycling.