

Version 2014.07.18

"Hardware"

- Major overhaul of the emulated CPU's memory access functions.
- The emulated CPU gets more time to execute, so vDos will run faster. The idle detection function is adjusted to work with this higher speed.
- The amount of XMS memory is enlarged to 63MB.

Config.txt

- **umb** = on/off
This option is dropped. 160KB upper memory is always available.
- **ems** = on/off (default off)
Converts all XMS to EMS 3.2 memory for applications that can use only EMS. If EMS 4.x is needed, leave it off and use EMSMagic. Mind, EMS will then be much slower addressed.

Interface

- Sysmenu in framed window cleaned up from unused items.
- Better translating of non-ASCII characters from the Windows clipboard when pasting text (Win+Ctrl+V).
- The 16 basic DOS text colors are locked and can't be changed by a program.

Printing

- If the printer output would exceed 64KB characters, vDos got in an endless loop generating the .txt Unicode text file.
- Converting Postscript printer output to PDF by pspcl6 had trouble with (very) large files. The use of pspcl6 is replaced by gswin32c.
- A (Windows) program handling the printer output has now to be prefixed with '@' to be hidden.

DOS

- The number of file handles is now standard the maximum of 255.
- Added DOS API int 21h-5Eh-AL=0, Network - get machine name.
- Reported space of any vDos disk is now 70MB free, 10MB used.
- Corrected handling of empty %1-%9 variables in batch files.
- Validation of filenames didn't strip trailing spaces from the base name.
- Something like "command /cfirst second" dropped second (all after the space).
- USE <drive letter:> without a Windows drive/folder now returns the assignment of that DOS drive.