

NCBridge V4.0.13 Patch Release

The following is a list of all enhancements and issues which have been fixed in the NCBridge patch release V4.0.13.

Release Version	Problem Description	Correction Description
4.0.2	local mwm 2.0 hangs	Make sure XmeMicroSleep uses a value of usecs that is at least one tick's worth or the next multiple number of ticks.
4.0.2	Could not calibrate Carroll touch screen.	Problem fixed.
4.0.2	not NVSave port calibration info.	Make sure we save the touch screen port 1 tag area.
4.0.2	Broken doccksum test in selftest.	Make sure we call doc_installed().
4.0.2	Missing Host Connect Methods.	Added teemx and the browsers.
	ssrc support of light-pen commands and tek220_blink_cursor was broken.	Problem fixed.
4.0.2	Tftp boot from another NC broken	Problem fixed.
4.0.2	Kiosk browser could not save preferences file.	Make flash memory writable just before saving the file.
4.0.2	Reading mail and news very slow in local Netscape.	Copy the .summary and .snm files to memory and write them back out just before exiting.
4.0.2	Reading any lines starting with "tcp" or "decnet" from /rom/fonts/fonts.tbl fails.	Now we just copy those lines as is to /rom/fonts/fonts.tbl.
4.0.2	Multiple applets crashed the local Netscape browser.	Increased the size of jmp buf to allow room to save the floating point registers.
4.0.2	NC900 X server crashes.	Fixed. We now simply ignore PCI bus errors (NMI's).
4.0.2	Microsoft Word icons were not appearing correctly in ICA 256 color mode.	Don't try and invert and remap unless we really have to, i.e. if the old and new palette map entries are different for the pixel in question.
4.0.3	Enhancement	Added termcntl client for remote reboot and restart of the X server or mwm from xpsh or rsh.
4.0.3	Child process of xpsh was exiting prematurely.	Must use new xpsh host binary, version 2.1.5.
4.0.4	O/S was crashing if non-DiskOnChip flash hardware was present. Problem was introduced with buddy boot fix in patch 4.0.2.	Problem fixed.
4.0.4	Fragments (runts) were being displayed incorrectly by the HTTP server on the NC900.	Problem fixed.
4.0.4	Enhancement	Added the simultiple colors feature.
4.0.4	Added NONE as a parameter for the boot_method_2 command.	Problem fixed. Can now turn off secondary boot host.
4.0.5	Enhancement	Added xdmcp_keepalive_timeout and xdmcp_keepalive_wait_timeout commands. If xdmcp_keepalive is ON, then if the session is idle for xdmcp_keepalive_timeout minutes, a maximum of 4 keepalive messages are sent to the host. For each message, the NC waits xdmcp_keepalive_wait_timeout seconds for a response from the host.
4.0.6	Java causes local ICA Client to crash.	Resolved and bumped version levels of ICA client to 3.8.
4.0.6	Enhancement	Added monset 63 supporting 85Hz for boot_mon.500
4.0.6	The Local ICA client would use up a Win2000/3 TS CAL each time a connection was made	Fixed. Correct information now put in internal clientSerialNumber field.
4.0.6	Occasional MWM lockups	Bumped mwm stacksize to 150K.
4.0.6	Enhancement	Added monsets 63 and 64 for customer specials. Bumped bootrom version to 8.4.4
4.0.6	Random ICA session disconnects	Bumped ICA buffer size to fix ICA disconnect problem. Bumped ICA client to Version 4.0.
4.0.7	Local mwm crashed when iconifying the icon box	Fixed
4.0.7	an ICA client hang when logging into a Citrix Metaframe for UNIX server	Fixed
4.0.7	Local ICA Client unable to reconnect to a disconnected session.	Fixed the problem reconnecting to a disconnected Citrix Metaframe or Citrix Unix session.

4.0.7	Enhancement	Local telnet now provides the NC's DISPLAY variable to the host telnet session automatically for host implementation that know to look for this.
4.0.7	Enhancement	Added the high-resolution 24-bit color feature, allowing 24-bit operation at monitor resolutions of 1280 x 1024.
4.0.7	Enhancement	Added implementation for lanif command in NC900 bootrom, allowing full duplex on 100BaseT interface. Bumped bootrom version to 9.3.
4.0.7	Fix for inverted bitmap in local ICA client window at Logon.	Added new command line argument and remote_config command for ICA client (windd). The new "-no_cm_req_notification" will disable the colormap dialog that comes up at startup when a new colormap needs to be allocated. Remote config command is windd_cm_req_notification "[ENABLE DISABLE]" Bumped ICA Client to version to 4.1.
4.0.7	Enhancement	Updated Pericom TeamX Terminal Emulators for NCBridge 4.0.
4.0.7	Passwords 8 characters or longer would not work with local HTTP Server	Fix for non working password that is 8 characters long
4.0.7	Enhancement	Added monsets 59, 60 and 61 (24" Samsung) to NC900 bootrom. Incremented bootrom version to 9.4 for NC900 bootroms.
4.0.7	Enhancement	Previous fixes now documented when executing "xpsh windd -help" and viewing the output in the terminal's console.
4.0.7	Parts of characters were missing in local ICA client.	Fixed stipple problem where entire lines of text in some applications along with certain characters, such as "l" and "t", would be incorrectly represented
4.0.7	Using HP Font server causes NC to crash	Fix for HP font server crashes. The font was getting cached when it was marked non-cachable. This led to problems when it was retrieved from the cache after having been freed.
4.0.7	Enhancement	Added display of the monset value in the General Configuration page of the Web-based administrator
4.0.7	Enhancement	Added display of the monset value in the X Environment Configuration page in Setup.
4.0.8	Enhancement	When an IP address was set in NVRAM and the terminal boots from DHCP, the terminal will now clear the address before initializing the networking code, eliminating any possibility of having a duplicate IP address on the network if the DHCP server has provided that address to another client. Incremented bootrom version to 9.4.1 for NC900 and 8.4.5 for NC200/400.
4.0.8	Lines displayed incorrectly on NC900	Fixed dashed lines incorrectly appearing on the NC900 but not NC200/400.
4.0.9	Enhancement	Description: Added TEEMX, NAVIO, NETSCAPE_LITE and NETSCAPE options to the host_connect_method command in the xp.cnf file
4.0.9	Enhancement	Enhance the local ICA client so when it is in full screen mode, the title bar will be drawn off screen thus allowing the Start button to be displayed in the ICA window.
4.0.9	Enhancement	The NC was making multiple font server connections on each new xdm session (it wouldn't gracefully disconnect the old font server connection on logouts, or XDM resets)
4.0.9	X server would display incorrect vectors	Add fix for erratic vectors
4.0.9	Enhancement	Add alt_num_kypd_map command enhancement, which allows numeric keypad to work with Netscape.
4.0.9	File missing from VMS Installation	Add xp500_os.sys to patch build for VMS host environments
4.0.9	Enhancement	Add xpsh binary for Solaris X86
4.0.9	Correct Network Lockup	Add fix for 10Base2 lockup problem using new xp.cnf command 10base2_monitor YES.
4.0.9	Enhancement	Add support for touchpad keyboard
4.0.10	Enhancement	This increased the number of file descriptors, such that 30 local telnet sessions can be executed on the NC instead of just 12.
4.0.10	Error with xdmcp_keeplive feature.	This fixes the problem with the xdmcp_keeplive feature, such that the NC will not reset itself every 49.7 days

4.0.10	When the NC900 LANif was set to 10Mb full duplex, the NC900 would run slower than at 10Mb half duplex.	This fixes the problem in boot monitor code V9.4.5.
4.0.10	On the NC90 when in 24-bit color mode when running a host based ICA client evenly spaced vertical lines were visible.	Fixed. These lines only occurred when the NC900 was set to 1280x1024 resolution in 24 True color mode.
4.0.10	Enhancement	Provides a custom keyboard mapping file for support of a French DEC keyboard. The file name is kblk411fr0001.
4.0.10	Enhancement	This enhances the 10Base2_MONITOR feature such that when the code resets the NC900 Phyter chip, it waits until the Phyter chip has completely recovered before continuing
4.0.11	Error in displaying network statistics	Fix - full duplex mode was incorrectly recording network collisions. Boot monitor code 9.4.6 released, which includes fix for NC900 incorrectly recording collisions in full duplex mode.
4.0.11	ICA client would crashed on bad drawable	Fixed. Also WinDD clipboard client was recompiled with latest libraries.
4.0.12	IBM 3270 keyboard not working with local ICA client.	Fixed
4.0.12	WinDD Clipboard client does not reliably starts when X-Retain-Settings parameter is set to "Yes"	Fixed
4.0.13	Enhancement	<p>Add new command "daisy_screensaver ON" Normally, when the terminal screensaver is active and a touchscreen is installed, if the user presses the touchscreen to disable the screensaver, an event is also passed to the X window application hidden beneath the screensaver. Setting a value of "ON" for the daisy_screensaver setting will cause the terminal to not pass the event to the hidden application.</p> <p>This line is added to the file xp_cnf.txt:</p> <pre>daisy_screensaver ON</pre>