

Windowed DOS application screen not clearing/refreshing

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Thanks in advance for any assistance offered.

I have a client with a DOS application which is running on a Windows XP SP 2 machine (in either full screen or windowed mode) which is having the following issue:

Upon launch, the screen does its initial 'draw' or display and works fine. However, any subsequent menu/draw/display does not clear the prior, as is the desired and previous behaviour. It worked fine on Windows 2000 Pro machines (and still does on the Windows 2000 Pro machine in the office), but does not on any Windows XP machine, nor the Windows 2000 Server machine. The program resides on the server, and so is being run across the network. This occurs on all the machines in the office save the one Windows 2000 Pro.

So, here begins the fixes I've attempted so as to prevent duplicate suggestions:

1. Tried it from another Windows XP machine. -No luck, same result.
2. Tried it from a window instead of full-screen. -No luck, same result.
3. Tried it from a command line launch instead of a shortcut. -No luck, same result.
4. Tried creating a batch file that switches the screen mode using mode con lines=25 in full screen, first to fix the half-screen in DOS emulation issue, but also hoping it may fix. -No luck, same result.
5. Tried Control-Alt-R to manually refresh the screen. -No luck, same result.
6. Tried other DOS applications from the same machine (also run off the network). -These work without issue.
7. Tried compatibility mode (using a locally created batch file to call the network program). -No luck, same result.
8. Attempted comparing config.sys and autoexec.bat settings from the functioning Windows 2000 Pro machine and duplicating them on a non-functioning one. -No luck, same result.
9. Attempted adding file and buffer parameters to config.sys. -No luck, same result.

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10. Attempted disabling advanced text services. –No luck, same result.

So, I'm a bit at my wits end and my client is unable to do work without this application (I know, unsupported DOS apps aren't the greatest way to sustain a viable business) so I'll appreciate anything possible in the way of a fix.

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