## ICS#022303-1: Maximizing Memory For TrafMan Under Windows XP

Windows XP uses a different approach to handling memory configuration for MS-DOS programs. Each program can have its own specific AUTOEXEC.BAT and/or CONFIG.SYS file that are used whenever the program is run by clicking on its shortcut.

To insure that TrafMan has the maximum amount of memory available to it, please follow the instructions listed below. Note that it has been assumed that you have already installed and are familiar with basic TrafMan operation.

- 1. Make sure no programs (including TrafMan) are running.
- 2. Using Notepad (or any simple text editor) create a new file in your \TRAFMAN directory named CONFIG.TRF. Place the following text into this file:

```
device=c:\windows\system32\himem.sys
dos=high,umb
files=60
```

3. Save the CONFIG.TRF file and then create another new file in your \TRAFMAN directory named AUTOEXEC.TRF. Place the following text into this file:

```
@ECHO OFF
REM Install CD ROM extensions
LH %SystemRoot%\SYSTEM32\MSCDEXNT.EXE
REM Install network redirector
LH %SystemRoot%\SYSTEM32\REDIR
```

- 4. Save this file and exit out of your text editor.
- 5. Right click the desktop shortcut for TrafMan and select Properties. Note that if you launch TrafMan from the start menu you will have to also make these same changes to that shortcut too.

You should see a window similar to the following (your path for TrafMan will probably be C:\TRAFMAN instead of C:\TRAF60. Please use your path where you see \TRAF60).

Click on the Program tab.

rafMan Prop	erties		<u>?</u> ×		
Screen	Misc	Compatibility	Summary		
General	Program	Font	Memory		
MS	TrafMan				
Type of file:	Shortcut to MS-DOS Program				
Description:	TrafMan				
Location:	C:\Documents	and Settings\Rus	sell\Desktop		
Size:	2.78 KB (2,855 bytes)				
Size on disk:	4.00 KB (4,096 bytes)				
Created:	Today, February 23, 2003, 6:06:38 PM				
Modified:	Today, February 23, 2003, 6:07:58 PM				
Accessed:	Today, Februar	y 23, 2003, 6:07:5	58 PM		
Attributes:	Read-only	Hidden 🗌	Advanced		
	OK	Cance	Apply		

- 6. You should be seeing a window similar to this window: Click on the *Advanced* button.
- 7. The window shown below should appear:

Windows PIF Sett	? 🛛	
Custom MS-DOS initia	alization files	
Autoexec filename:	C:\TRAF60\AUTOEXEC.TRF	
Config filename:	C:\TRAF60\CONFIG.TRF	Cancel
Compatible timer ha	ardware emulation	

Change the Autoexec filename and the Config filename to be the new files you created. When done, click ok. Note that you will probably use "C:\TRAFMAN"

instead of the "C:\TRAF60" shown above (depending on where TrafMan was installed).

TrafMan Prop	erties		? 🛛	
Screen	Misc	Compatibility	Summary	
General	Program	Font	Memory	
MS 48	TRAFMAN.EXE			
Cmd line:	C:\traf60\TRAF	MAN.EXE		
Working:	C:\traf60			
Batch file:				
Shortcut key:	None			
Run:	Normal window		~	
	✓ Close on exit			
	4	advanced	Change Icon	
	ОК	Cancel	Apply	

8. On the command line, add "-NOHELP" to the end. It should read as follows:

C:\TRAFMAN\TRAFMAN.EXE -NOHELP

This will disable the help system in TrafMan (which uses up about 40K of memory).

9. Finally, click on the Memory tab and make sure your memory settings are the same as shown in this window:

afMan I	Proper	ties			?
Screer	1	Misc	Compatibili	ty 🗌	Summary
Gener	al 👔	Program	Font		Memory
- Conve Total:	ntional m Auto	emory cted	Initial environment:	Auto	~
Expan Total:	ded (EMS	δ) memory			
Total:	None Uses	- HMA			
HODE			26.412		
-MS-DU	JS protec	ted-mode (DF	'MI) memory —		
Total:	Auto	*			

When you are finished, click Ok to save the changes and then double click TrafMan. When you get to the main menu, press <Alt+M>. Your computer will probably vary some from the numbers shown below, but you should have at least 105,000 bytes of free memory available.

[•]———— Memory Status ————
Free Memory : 118,144 Bytes
Stack Size : 48,016 Bytes
Maximum Files: 60
Original Free: 173,360 Bytes
Overlav Size : 114,688 Bytes Ext. Result : -1
L IRD V6.00 ([#0006] 02/23/03)

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