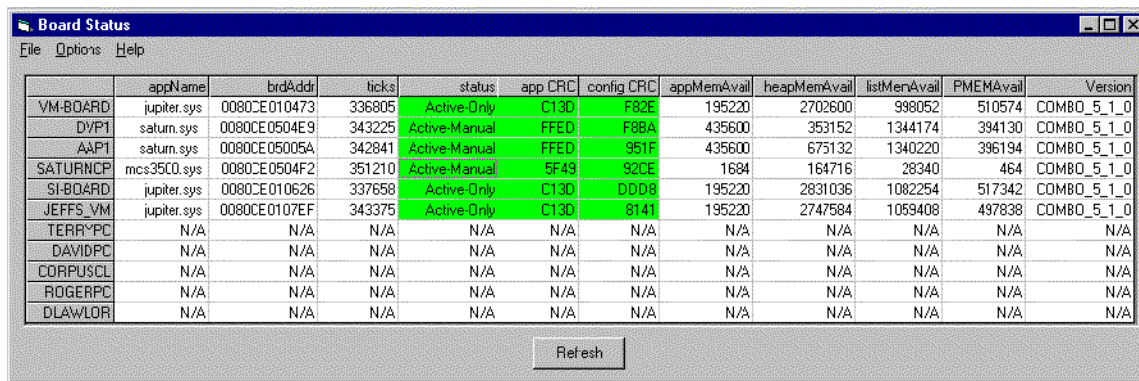


Section 8 – Board Status

This application displays board status and information. It can be used to help make certain that all VM/SI/Saturn boards are using compatible software and user-created configuration sets, and that enough free memory is available for the system to operate properly.

Since most of this information also appears in the Control Center, this application will eventually be phased out.



The screenshot shows a window titled "Board Status" with a menu bar (File, Options, Help) and a table of board information. The table has 12 columns: VM-BOARD, appName, brdAddr, ticks, status, app CRC, config CRC, appMemAvail, heapMemAvail, listMemAvail, PMEMAvail, and Version. The status column uses color coding: green for "Active-Only" and red for "Active-Manual".

VM-BOARD	appName	brdAddr	ticks	status	app CRC	config CRC	appMemAvail	heapMemAvail	listMemAvail	PMEMAvail	Version
VM-BOARD	jupiter.sys	0080CE010473	336805	Active-Only	C13D	F82E	195220	2702600	998052	510574	COM80_5_1_0
DVP1	saturn.sys	0080CE0504E9	343225	Active-Manual	FFED	F8BA	435600	353152	1344174	394130	COM80_5_1_0
AAP1	saturn.sys	0080CE05005A	342841	Active-Manual	FFED	951F	435600	675132	1340220	396194	COM80_5_1_0
SATURNCP	mcs35C0.sys	0080CE0504F2	351210	Active-Manual	5F49	92CE	1684	164716	28340	464	COM80_5_1_0
SI-BOARD	jupiter.sys	0080CE010626	337658	Active-Only	C13D	DDD8	195220	2831036	1082254	517342	COM80_5_1_0
JEFFS_VM	jupiter.sys	0080CE0107EF	343375	Active-Only	C13D	8141	195220	2747584	1059408	497838	COM80_5_1_0
TERR*PC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DAVIDPC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CORPUSCL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ROGERPC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DLAWLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Refresh

Figure 8-1.

OPERATION

The first column lists board names in the order that they appear in the Network Description table.

The second column shows the name of the board's operating system code file. This file is found in the jupiter\bin directory and is downloaded to the board if the file changes or you clear the flash on the board.

The third column shows the Ethernet hardware address for the board.

The fourth column shows ticks, which is an approximate indication of the board's up-time. There are approximately 60 ticks/second in NTSC and approximately 50 ticks/second in PAL.

The fifth column shows board status. The field is green if the board is active and red if the board is inactive.

The fifth and sixth columns show the CRC for the board's application and configuration files. If these match what the file server has for the active set, the fields will be green. Otherwise, the fields are red—indicating the need for a fresh download to all boards.

The "...MemAvail" fields show how much memory each board has for application, heap, configuration, and PMEM.

The **Version** field shows what version of application code each board is running. This should indicate the same version for all boards in the system. If not, a fresh download to all boards should be performed.

The example above (Figure 8–1) shows a set that has 5 PCs in the Network Description table. Board Status cannot show information for PCs.

Refresh

The Board Status application does not poll for board information. Click on the Refresh button to refresh the display.

Menus

File

Exit - close the application.

Options

Alarm Enabled - this enables or disables an audible alarm. If a board is inactive, or if its code or configuration CRCs do not match the file server's active set, the application will beep if the alarm is enabled.

Help

About - this displays the application's about box with version information.