



Release Notes for Software Kit 1.08

March 18, 1998

This document provides a list of bug fixes and enhancements that have been made to the drivers and utilities in Software Kit 1.08 for the Mylex products since the release of Software Kit 1.07.

Windows NT 4.00/3.51

<i>DAC960NT.SYS</i>	15,488	8-15-97	10:24a	4.10
<i>Was changed to</i>				
<i>DAC960NT.SYS</i>	16176	3-24-98	5:16p	4.18

Changes:

- Fixed - The DAC960 driver previously didn't regulate the number of commands issued to non-disk devices. This would cause a firmware lockup and NT Panic if a Scan for Devices Command was issued in the DACADM utility immediately following (within a few seconds) a tape rewind.
- Enhancement - Modified ADAPTER INFORMATION to return physical address used by controller (instead of mapped virtual address). This is the address displayed by the GAM utility.

There were no changes to the following Windows NT files:

<i>DACADM.EXE</i>	89,088	2-12-97	10:31a	4.03
<i>DACMON.EXE</i>	47,616	2-10-97	7:17p	4.03
<i>SRVCCFG.EXE</i>	23,040	2-10-97	7:17p	
<i>DACMSG.DLL</i>	39,424	2-06-97	7:19p	

Netware 3.1x

There were no changes to the following Netware 3.1x files:

<i>DAC960 DSK</i>	18,288	09-25-97	5:13p	4.05
<i>ASPIDAC3 DSK</i>	7,936	3-08-96	6:24p	4.00
<i>DACMON NLM</i>	80,226	2-21-97	3:14p	4.03

DACADM NLM 223,530 4-03-97 11:50a 4.03

Netware 4.1x

There were no changes to the following files:

<i>DACNET4 DSK</i>	17,735	10-16-97	2:42p	4.18
<i>ASPIDAC4 DSK</i>	7,936	03-08-96	11:54a	4.00
<i>DACMON.NLM</i>	80,226	02-21-97	3:14p	4.03
<i>DACADM NLM</i>	223,530	04-03-97	11:50a	4.03

OS/2

There were no changes to the following files:

<i>DACADM EXE</i>	107,520	04-03-97	1:59p	4.04
<i>DAC960 ADD</i>	25,956	02-24-97	11:18a	4.05

SCO OpenServer 5.0

MDAC BTLD diskette 4.10 was changed to 4.15

Changes:

- Enhancement - Modified ADAPTER INFORMATION to return the physical address used by controller (instead of mapped virtual address). This is the address displayed by the GAM utility.

UnixWare 2.x

dak HBA diskette 4.10 was changed to 4.15

Changes:

- Enhancement - Modified ADAPTER INFORMATION to return the physical address used by controller (instead of mapped virtual address). This is the address displayed by the GAM utility.
- Fixed - “dcu” shows DAC960PG and DAC960PJ separately instead of as DAC960PG/PJ. Also fixed the “dac960tk” so that it displays the full firmware version.
- Fixed - Panic no longer occurs while booting if “dak” is installed and there are no DAC960 controllers in the system.
- Fixed - Flush command is always sent to the controller when the system is shut down.

Change Notes for GAM Server version 2.13-06

Changes since the release of GAM Server version 2.11-16

- Enhancement - This is the general release of GAM which supports the DAC960SF/SX, DAC960 PCI raid controllers, and HBAs such as FlashPoint, MultiMaster.
- Enhancement - GAMSERVER has been enhanced to provide a “heartbeat” to the GAM client to indicate that the GAMSERVER is alive and connected.
- Fixed - The Windows NT GAM Server did not see physical devices attached to a Mylex DAC960SX SCSI-SCSI controller. This has been fixed.
- Fixed - If multiple GAM Clients were connected to the same server, some GAM Clients were not getting events when a physical drive changed to an un-configured state. This has been fixed.
- Fixed - The GAM Server would not get the correct enclosure status when communicating to a GEM SAF-TE processor (Power Supply Status, Fan Status, etc.). A SAF-TE box, using the GEM processor, expects the data transfer length of a command to be exactly 64 bytes. The GAM driver used to set the data transfer length to 16 bytes, which would result in that command failing. The GAM Driver now sets the data transfer length to 64 bytes. This allows the command to complete successfully.
- Enhancement - Timeout for the commands issued by the GAM Driver in Windows NT has been increased to 60 seconds.
- Fixed - StorageWorks related traps were not being sent by the SNMP Agent for SCO & UnixWare. The ‘gamagent.defs’ file was not updated with all the current traps. This file has been updated to include all current trap information about StorageWorks. The three traps not included were ‘StorageWorks Cabinet Failed’, ‘StorageWorks Cabinet in Critical State’, and ‘StorageWorks cabinet functioning OK’.
- Fixed - A syntax error would occur when the ‘.mib’ file was compiled by the SNMP browser. A trap definition was misspelled in the mlxraid.mib file.
- Fixed - The ‘mdacci’ module was not generating DMI indications on a Netware server. The code for generating DMI indications was disabled for Netware servers. This code is now enabled for all servers.

- Fixed - If there was a IDE CD-ROM device and SCSI-SCSI support was enabled, the system would hang under Windows NT.
- Fixed - The GAM Server would get the wrong transfer rate information from the controller. This was due to an undocumented change in the structure size for a 2.xx firmware command versus a 3.xx firmware command.
- Fixed - The 'mdacci' service did not generate more than 256 DMI indications on a Windows NT Server. This was a limitation in the previous release. This limitation has been removed. There are now no limits to the number of DMI indications that can be sent.
- Fixed - The GAM SNMP agent and the DMI service could not coexist under Windows NT. If both were enabled at the same time, only the SNMP agent would work. Both services were trying to register the same Mylex Enterprise MIB Id with Windows NT. Only the first one would succeed (SNMP). The Mylex MIB file now contains two separate branches to support both SNMP and DMI at the same time.
- Enhancement - Added StorageWorks support for DMI. The following StorageWorks Cabinet Statuses have been added: 'OK', 'Not OK', and 'Not Present'. The DMI Browser will now show these attributes in the Controller Information Group. These attributes apply to Channel 0, 1, and 2. This change only applies to Windows NT & Netware.
- Enhancement - New events have been added to GAM SNMP agents under all O/S's. All GAM SNMP agents have been updated with the latest GAM events.
- Fixed - The GAM SNMP or DMI services, on the server, would intermittently get disabled when information was accessed from the SNMP Manager or the DMI Browser. This has been fixed.