

PURPOSE

This document provides information to restore video output from a GMS product after it has been inadvertently disabled in the system BIOS.

BACKGROUND

When changing BIOS settings, users may inadvertently disable the video output of their GMS unit.

Although video output is disabled, the system BIOS remains in an active state and is responsive to user input. With a little knowledge and carefully executing the procedure outlined below, it is often possible to restore video output.

PROCEDURE

GMS products use an AMI® BIOS that incorporates “hotkey” processing within the system BIOS. Two keys in particular, <F3> and <F4>, are very useful:

Key	Function
<F3>	Load optimized (factory default) values.
<F4>	Save all settings and exit. The system will reset.

Knowing these special keys, proceed with the following procedure.

1. Remove power from the system.
2. Ensure the system is completely powered down (a few seconds) and then reapply power to the GMS system. The GMS system automatically restarts upon application of power.
3. Repeatedly press the <Delete> key on the keyboard, in rapid succession.



NOTE: Timing is critical!

If done correctly, the <Delete> key activation while the system is restarting will result in entering the system BIOS. This may require repeated attempts.

4. After the keyboard and optical mouse become active (their respective lights will illuminate), press the <F3> key, followed by <Enter>, on the keyboard. This restores the BIOS settings to factory default.
5. Press the <F4> key on the keyboard, followed by <Enter>. This saves the configuration and exits the BIOS setup. The system will reboot.
6. As the system restarts, the video output should be restored. If so, continue to the next step. Otherwise, repeat this procedure from the beginning.
7. While the system is restarting, and according to the prompt on the display output, repeatedly press the <Delete> key again to enter the system BIOS.
8. Configure any other BIOS settings, such as the desired boot device. Press the <F4> key, followed by <Enter>, to save the settings and restart. The system will restart and launch the operating system from the selected boot device.

**Application Note:
BIOS Video Restore**



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