

Farm Guard version FGA1100211 and BIOS 1.46 release

March 3, 2010



Summary

Phason is committed to supporting and improving Farm Guard and has resolved all known issues with the system. The resolutions have greatly improved the reliability of the Farm Guard system.

Issues and resolutions

- ◆ **ISSUE:** The Directory function incorrectly displayed the same list of files for both drive 0 and drive 1. Copying files between drives did not work.

RESOLUTION: Files display correctly and copying between drives functions properly.

- ◆ **ISSUE:** The Cancel Timer function was activating in the following two cases. Until the Cancel Timer expired, no local audible alarm would occur.

- ◆ When pressing Fix to respond to an alarm
- ◆ When pressing Enter to access the warning settings while viewing zones in normal operation

RESOLUTION: The Cancel Timer function activates only after pressing Cancel in response to an alarm.

- ◆ **ISSUE:** Not all devices were captured during a Capture function and required a Ping Device command as a work-around.

RESOLUTION: The Capture function works properly without additional commands.

- ◆ **ISSUE:** A UPS zone gave false alarms if Alarm Holdoff was set to zero.

RESOLUTION: Alarm Holdoff does not cause false alarms when set to zero.

- ◆ **ISSUE:** Zone files were lost when multiple users were simultaneously logged into the same MDS-400.

RESOLUTION: Only one user at a time can log into the system.

- ◆ **ISSUE:** An alarm often reappeared immediately after resetting, even when the alarm condition was resolved. Several resets were required before the alarm was suppressed.

RESOLUTION: A reset alarm does not appear unless the alarm condition still exists.

◆ **ISSUE:** The watch timer did not work if the start time was greater than the end time.

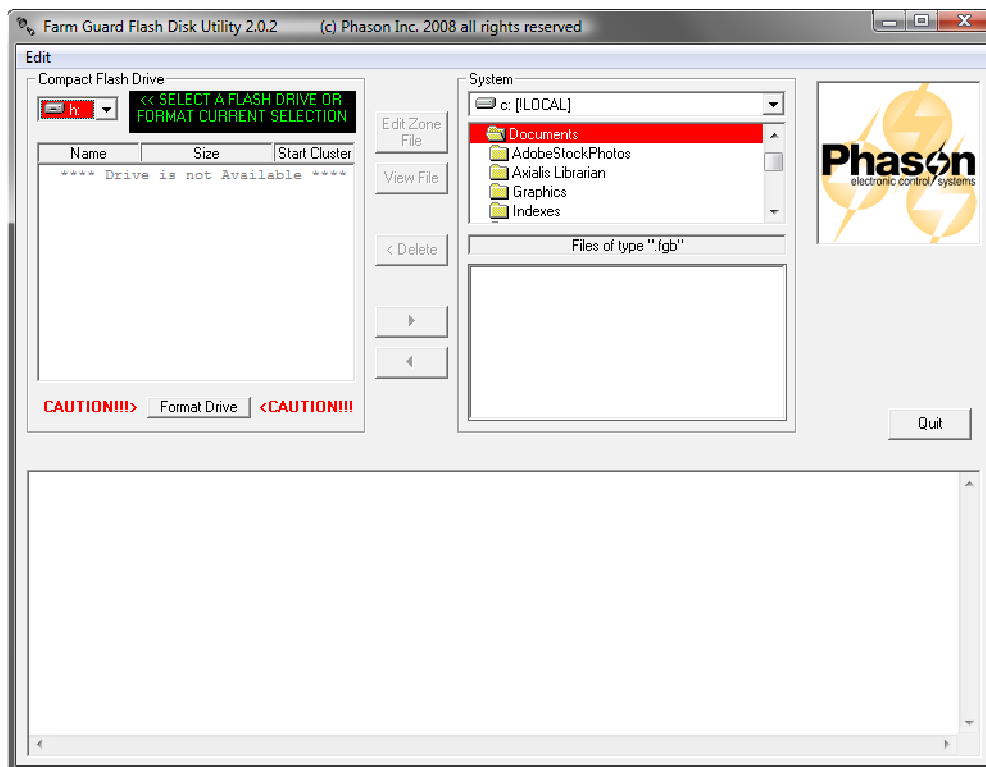
RESOLUTION: The watch timer functions properly whether the start time is greater or less than the end time.

Copying SYSTEM and BIOS files to a CompactFlash card

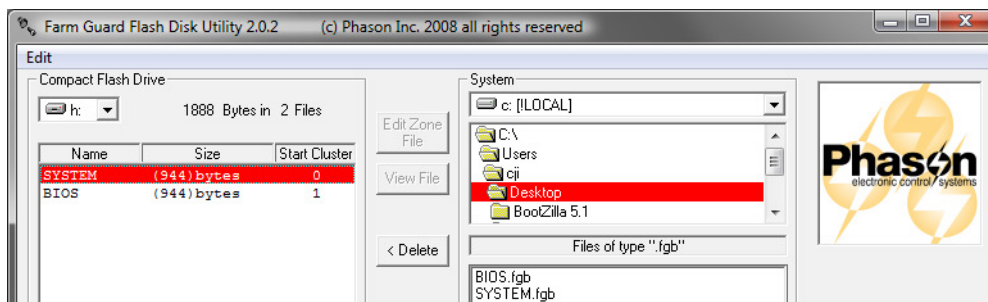
The following instructions explain how to copy the updated SYSTEM and BIOS files to a CompactFlash card. The procedure requires that you have a CompactFlash card reader on your computer.

If you do not yet have the updated Farm Guard files or disk utility, visit the Phason website at www.phason.ca/tech.htm where you can download them.

1. If you have not yet installed the Farm Guard Disk Utility, run the installation program and then follow the instructions on the screen.
2. Insert the CompactFlash card into your computer's card reader.
3. Start the Farm Guard Disk Utility.



4. Below *Compact Flash Drive*, select the drive letter corresponding to the card reader on your computer.
5. Click **Format Drive**.
6. Read the Warning window and then make sure the correct drive (the CompactFlash card reader) is selected. If the correct drive is not selected, you might lose data during the next step. Click **Yes**.
The utility formats the card. When the status message displays, read it and then click **OK**.
7. Below *System*, select the drive and location of the Farm Guard file, SYSTEM.fgb.
The files are usually zipped and named like the following FGA1100211.zip. You need to unzip the file to a location on your computer before you can load it with the disk utility.
8. Click ◀.
9. Repeat steps 7 and 8 for the file BIOS.fgb.
10. Confirm that both files have been copied and that the SYSTEM file is the **first** file on the CompactFlash drive as shown below.



11. Close the disk utility and then remove the CompactFlash card from the reader.
12. The CompactFlash card to the MDS-400s and update them by following the instructions on the next page.

Upgrading the MDS-400s

The following instructions explain how to update the application and BIOS. Go to each MDS-400 and follow the instructions below.

IMPORTANT: The SYSTEM file must be the first file on the flash card or the MDS-400 will be rendered inoperable and will have to be returned to Phason for reprogramming.

1. Disconnect the power to the MDS-400.
2. Remove the existing flash card and then insert the flash card containing the new application.
3. Connect the power to the MDS-400.
4. After the unit powers up, press **ESC**.
5. Scroll to SUPER USER and then press **ENTER**.
6. Enter the super user password.
7. Scroll to FILE & BIOS SETUP and then press **ENTER**.
8. Scroll to LOCAL APPLICATION and then press **ENTER**.
9. Make sure you are on BOOT NEW APP and then press **ENTER**.
10. Make sure you are on BOOT FROM DRIVE 0 and then press **ENTER**.
The ARMED LED flashes while the MDS-400 loads the new program. When complete, the version screen shows the APP ID as FGA1100211.
11. Press **ENTER** and return to the SUPER USER menu to update the BIOS.
12. Scroll to FILE & BIOS SETUP and then press **ENTER**.
13. Scroll to FLASH BIOS FROM FILE and then press **ENTER**.
The display shows FLASH FRM: BIOS.
14. Press **F3** to update BIOS from drive 0 (flash card).
When complete, the version screen shows the BIOS as 1.46.
15. Disconnect the power to the MDS-400.
16. Remove the application flash card and then insert the original flash card.
17. Connect the power to the MDS-400.
18. Repeat all steps at each MDS-400.

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