

# Firmware Update Guide For Solid State Drives (SSDs)

## Document History

Revision	Release Date	Purpose and/or Desc. Of Changes
1.0	September 18, 2008	First Revision

**CAUTION:** Super Talent is not held responsible for lost data. To ensure SSD data is safe, please backup all data on a separate drive before proceeding to update F/W on your SSD.

\* Note: In order to update F/W, please ensure that F/W and SSD model must match accordingly. This tool is used only for the following SSD models: FTDxxGK25H, FTMxxGK25H, FUDxxGK18M, and FUMxxGK18M.

## **F/W update via Booting Diskette**

### *Firmware Files*

1. Please download FWUPD.rar from the Super Talent website.
2. Unzip FWUPD.rar to see the five files inside. The five files are:
  - GDP.bin
  - SATAC000.bin
  - SYS\_S.bin
  - SATAISP.exe
  - SATAISP.INI

### *Make a Booting Floppy Diskette*

1. Windows 98 is recommended

### *F/W Update Process*

1. Copy the five unzipped files onto the floppy diskette
2. Insert the floppy diskette into the floppy drive
3. Connect the SSD with the SATA cable and SATA power cable
4. Turn on the computer. Check the BIOS settings to make sure that the floppy diskette boots up
5. Type "SATAISP" to run the F/W update tool
6. If the SSD is connected correctly, the message in Figure 1 will appear.

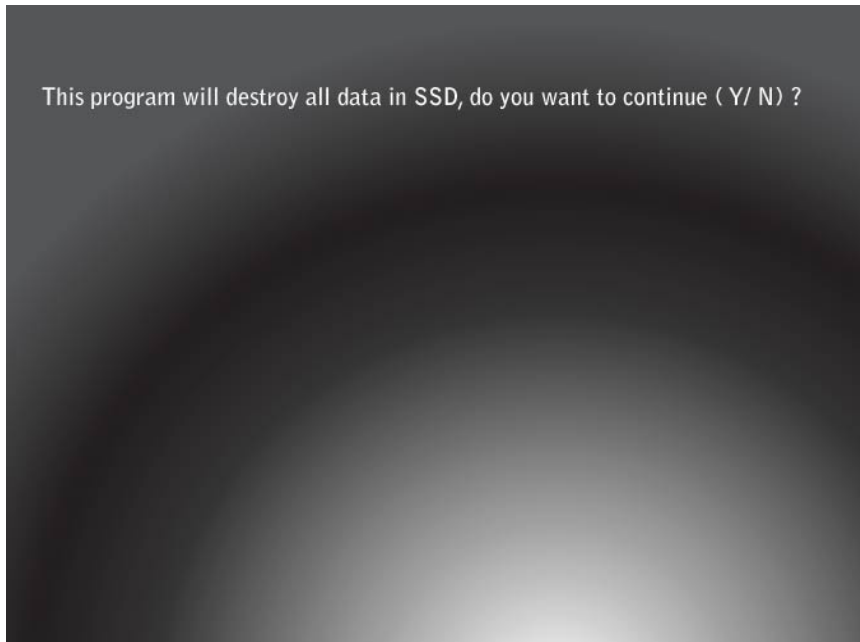


Figure 1: Screen Shot of the "Destroy Data" Notice

7. Press "Y" (if you already backup data or you don't need)
8. The system will automatically update the F/W and format the SSD. Figure 2 is a screen capture of a successful F/W update.

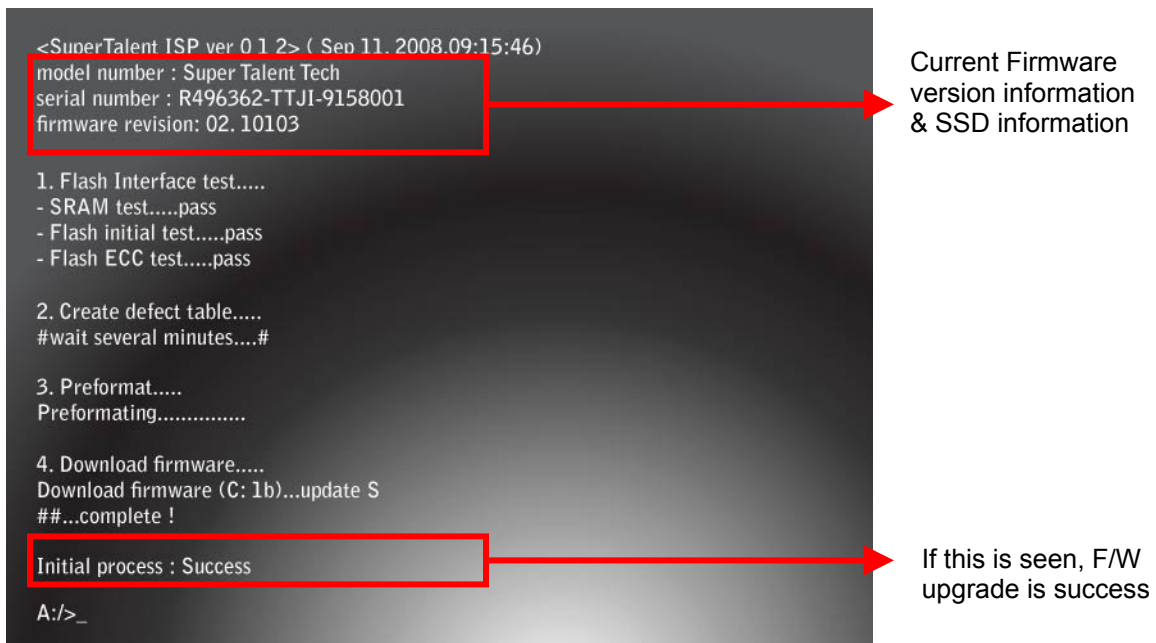


Figure 2: Screen Shot of Successful F/W Update

## **Firmware Update via Bootable USB Drive**

### *Firmware Files*

1. Please download FWUPD.rar from the Super Talent website.
2. Unzip FWUPD.rar to see the five files inside. The five files are:
  - GDP.bin
  - SATAC000.bin
  - SYS\_S.bin
  - SATAISP.exe
  - SATAISP.INI

### *Check CMOS Setting*

1. Select the bootable USB drive as the first boot device
2. In order to update the F/W, the following BIOS settings must be set:
  - Integrated Peripherals
  - PCI IDE BusMaster: (Enabled) Select
  - On chip SATA Type: (Native IDE) Select
  - Options: Native IDE / RAID / Legacy IDE / AHCI
3. Save Changes

### *F/W Update Process*

1. Copy the five unzipped files onto the bootable USB drive
2. Plug the USB drive into the USB connection into the computer
3. Connect the SSD with the SATA cable and SATA power cable
4. Turn on the computer and enter the correct CMOS settings (listed in above paragraph)
5. Boot to USB drive
6. Type "SATAISP" to run the F/W update tool
7. If the SSD is connected correctly, the message in Figure 1 will appear
8. Press "Y" (if you already backup data or you don't need)

9. The system will automatically update the F/W and format the SSD. Figure 2 is a screen capture of a successful F/W update.