

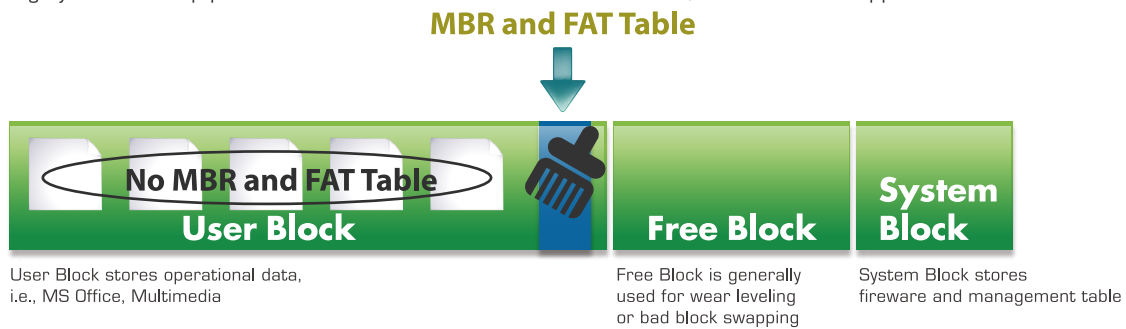


## CoreEraser Technology

Apacer's CoreEraser Technology provides highly comprehensive drive sanitization measures, developed to securely and thoroughly erase data in operating blocks. The CoreEraser comes in three classes of block sanitizations and can be implemented through vendor software command or hardware architect.

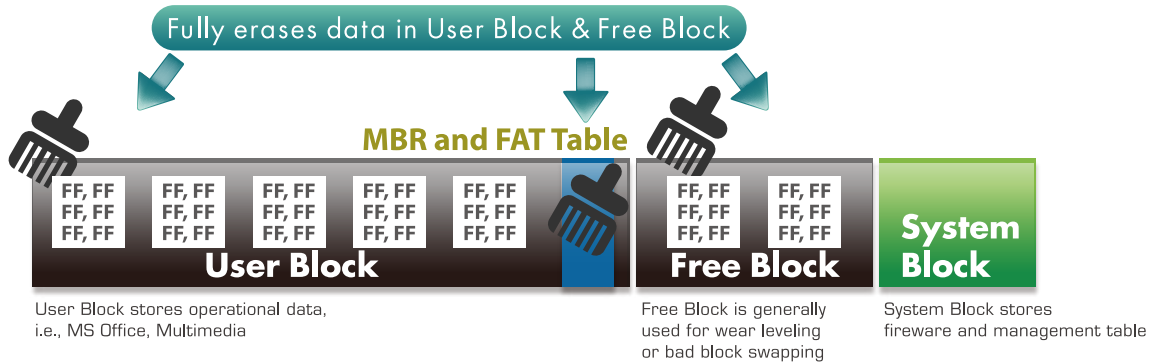
### Class 1: Quick Erase

Quick Erase eliminates FAT (File Allocation Table) and the MBR (Master Boot Record) in LBA that manages partition tables and boot sector during system start-up process. With both of the MBR and FAT erased, the drive would appear as uninitialized on operating system.



### Class 2: Full Erase

Full Erase Functions has a more comprehensive Quick Erase, where all contents of the user blocks, free blocks, MBR and FAT table are erased after the procedures are completed. Drive will be reinitialized upon the completion of the erase action. The device will behave as a raw disk as cells in the drive would display "FF" (or "00").



### Class 3: MIL Erase

MIL Erase includes a list of globally certified drive purge methods that meet the military and industrial standards, such as NSA 9-12. The process would sanitize the MBR, FAT table as well as user & free blocks by erasing the blocks, overwriting with random data, then verify. These certified erase features are widely approved in military application, while providing confidence in secure data erase.

