



Hard Drive Sanitization - Technical Information

“SecureTrack” is CSI’s data security program for lease returns. The cornerstone of SecureTrack is our hard drive sanitization procedure, performed on Intel-based PCs, laptops and servers. Returns processing and data security procedures are conducted by CSI’s wholly-owned returns facility, EPC, in St. Charles, Missouri.

Hard drives are sanitized following a set of guidelines developed by the U.S. Department of Defense (DOD) for the destruction of non-classified information, including data stored on hard drives. The guidelines are described under DOD 5220.22-M, part of the National Industrial Security Program Operational Manual. This manual states that the procedure adequately renders data unrecoverable.

The software used is called Blancco. The Blancco LAN Server manages the deployment of the cleansing software and stores all cleansing reports. Blancco Data Cleaner+ is the cleansing software used for wiping PC workstations, and Blancco Pro is the cleansing software used for wiping PC servers and workstations with RAID.

1. Blancco writes a combination of 0s and 1s over each location on the hard drive a total of three times.
2. Blancco overwrites partitions, folders, directories, files, file tables, dynamic drive overlays and boot record information. It overwrites all viruses including boot sector viruses.
3. Drives that cannot be verified as overwritten are removed and placed in a known working computer. A second attempt is made to overwrite the drive. Should the second attempt fail, the drive is placed in a locked container. This container is then moved to EPC’s E-Scrap Processing Center for complete destruction.

Verification certificates are made available for all hard drives that successfully complete the overwrite procedure. Information contained on these certificates includes the serial number, drive model, and a report of any bad blocks that could not be overwritten.

Additional passes on hard drives are available.



SecureTrack Flow Chart

