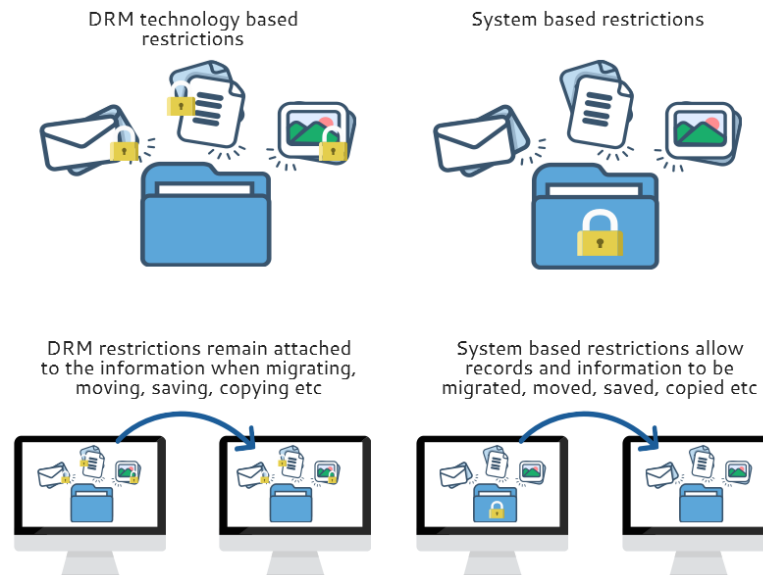


Digital Rights Management (DRM)



DRM Schemes

- CDs

- 2002 – Copy protection attempted – quickly defeated
- 2005 – Sony put root-kit on CDs to prevent copying. Replaced audio with noise, disabled CD drive if removed. Vuln. in root kit exploited.

- DVDs

- Use Content Scramble System (CCS)
- Encrypts channel between player and display
- Reverse engineered (key kept on disk)

DRM Schemes

- HD-DVDs
 - CSS-like protection cracked soon after the format came into use.
- Blue-Ray
 - AACS
 - AES block cipher
 - Many ways to crack this
- Physical media protection schemes becoming irrelevant