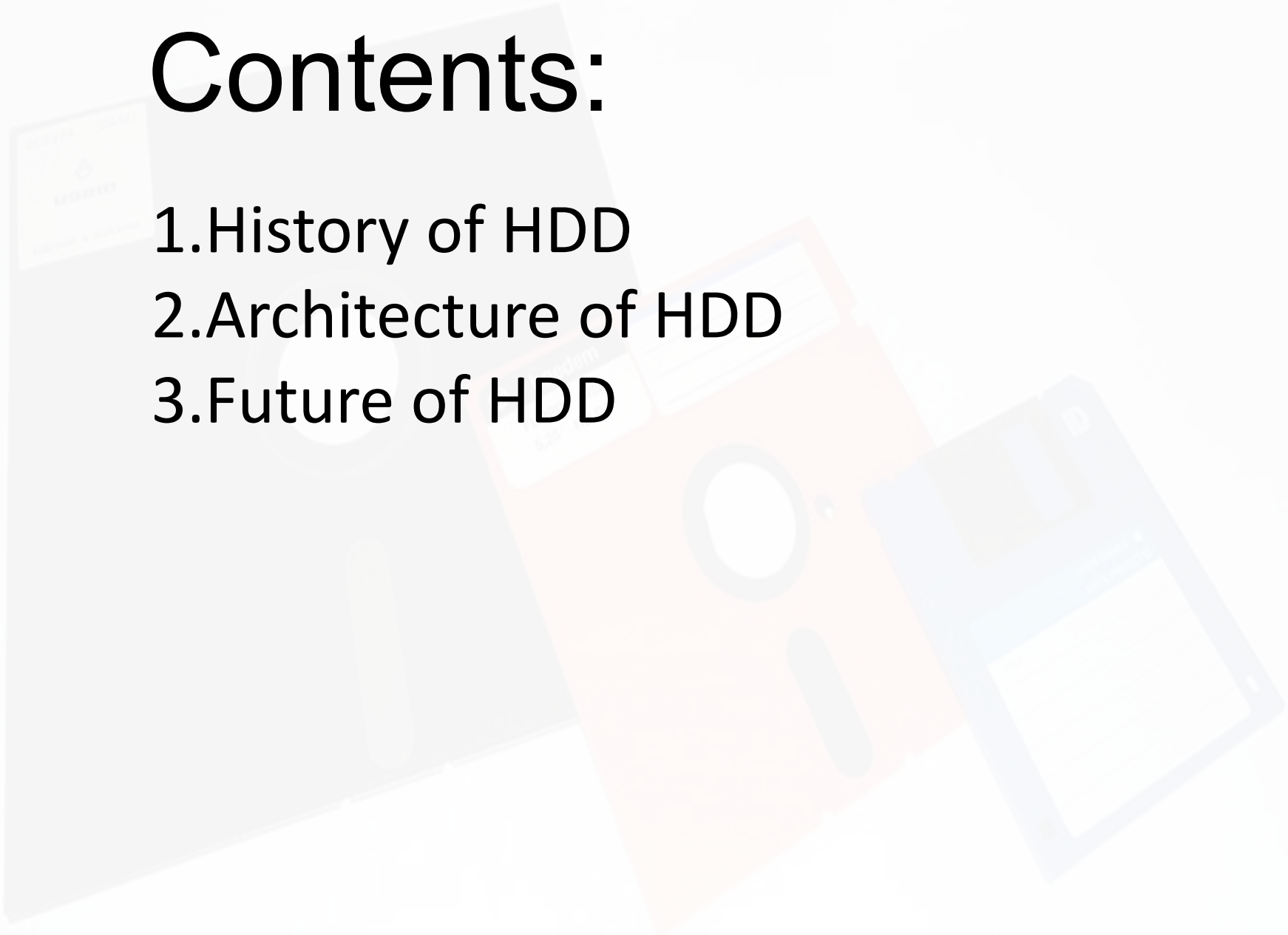


HARD DISK



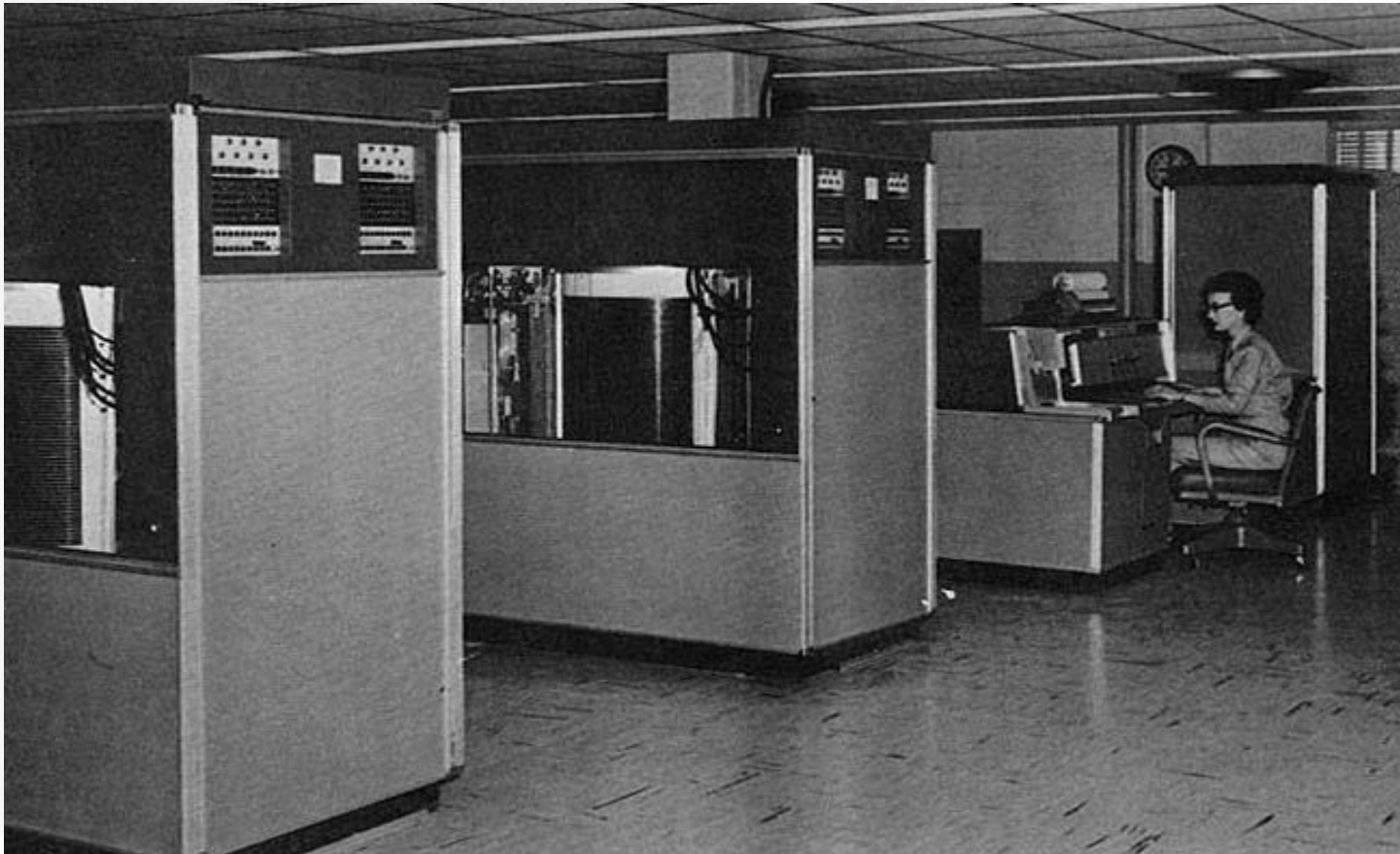
Contents:

1. History of HDD
2. Architecture of HDD
3. Future of HDD



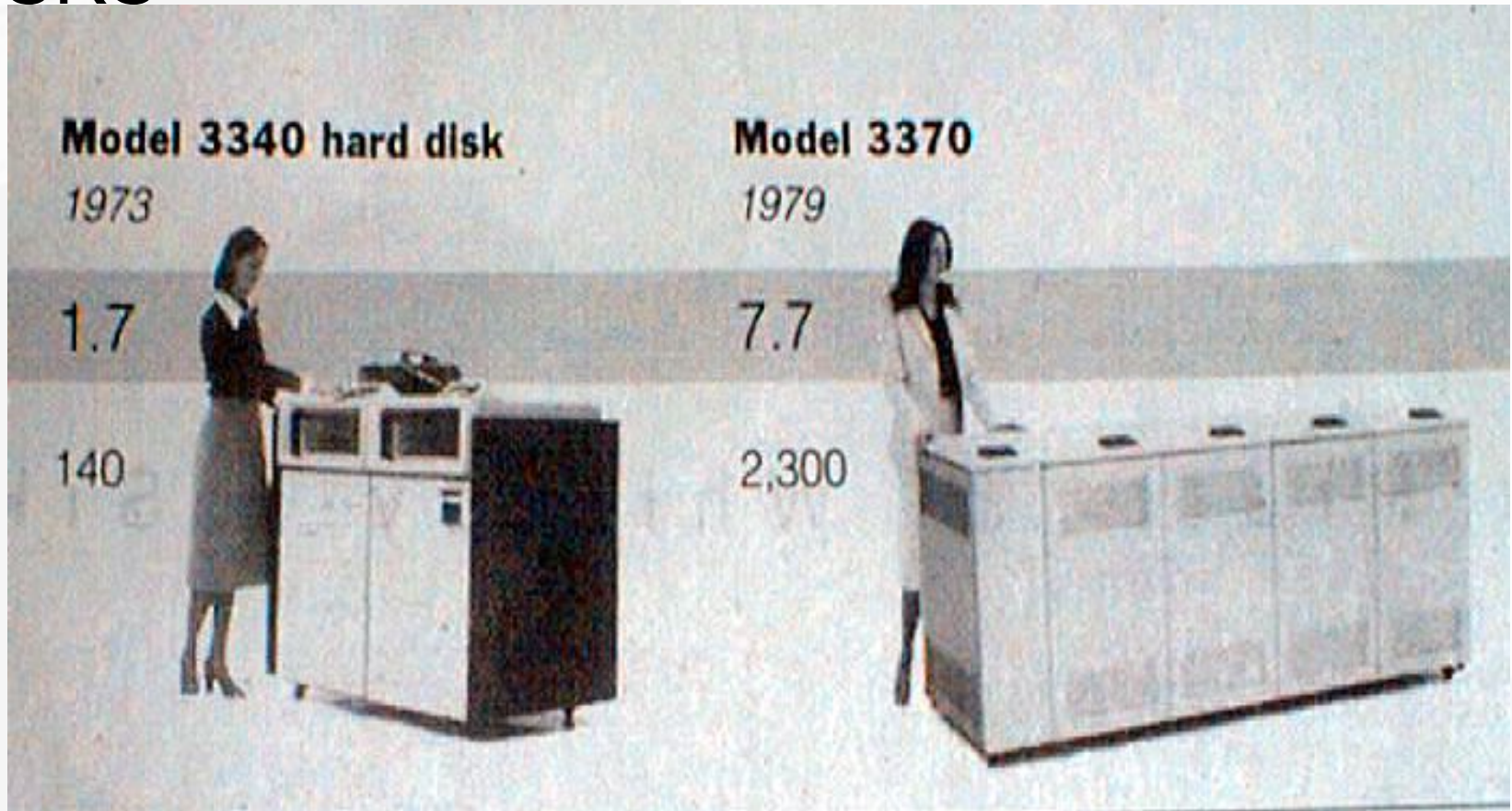
HISTORY OF THE HARD DISKS

- First hard disk introduced by IBM was of size of two refrigerators.



IBM 305,2
disks

HISTORY OF THE HARD DISKS



1973-0.14GBytes Hard disk
disk
1.7Mbit/sq.

1979-2.3GBytes Hard
disk
7.7Mbit/sq.

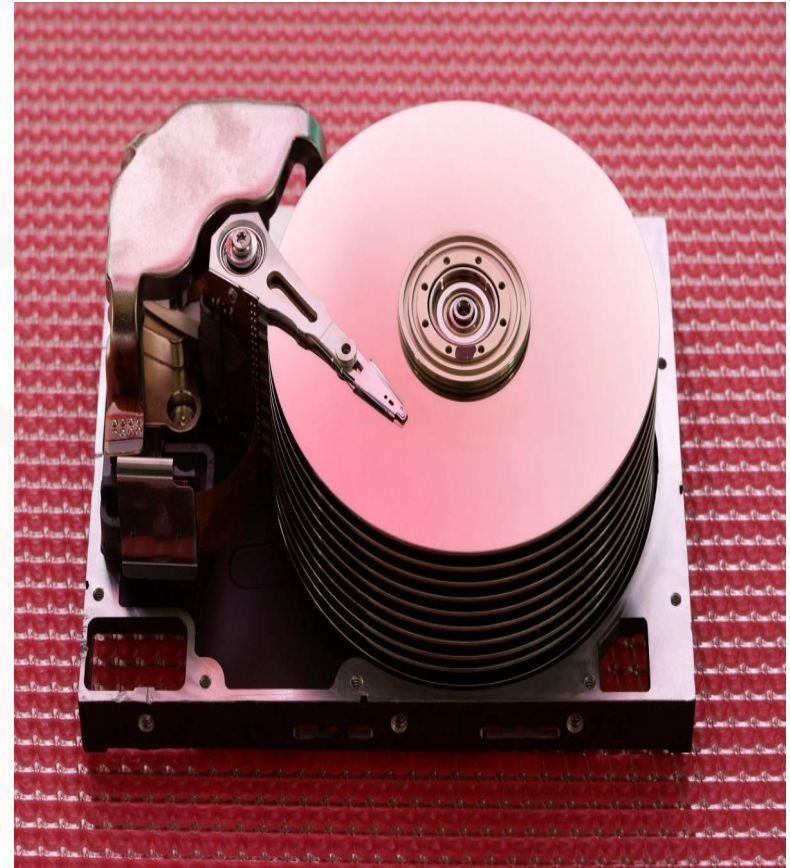
HISTORY OF THE HARD DISKS



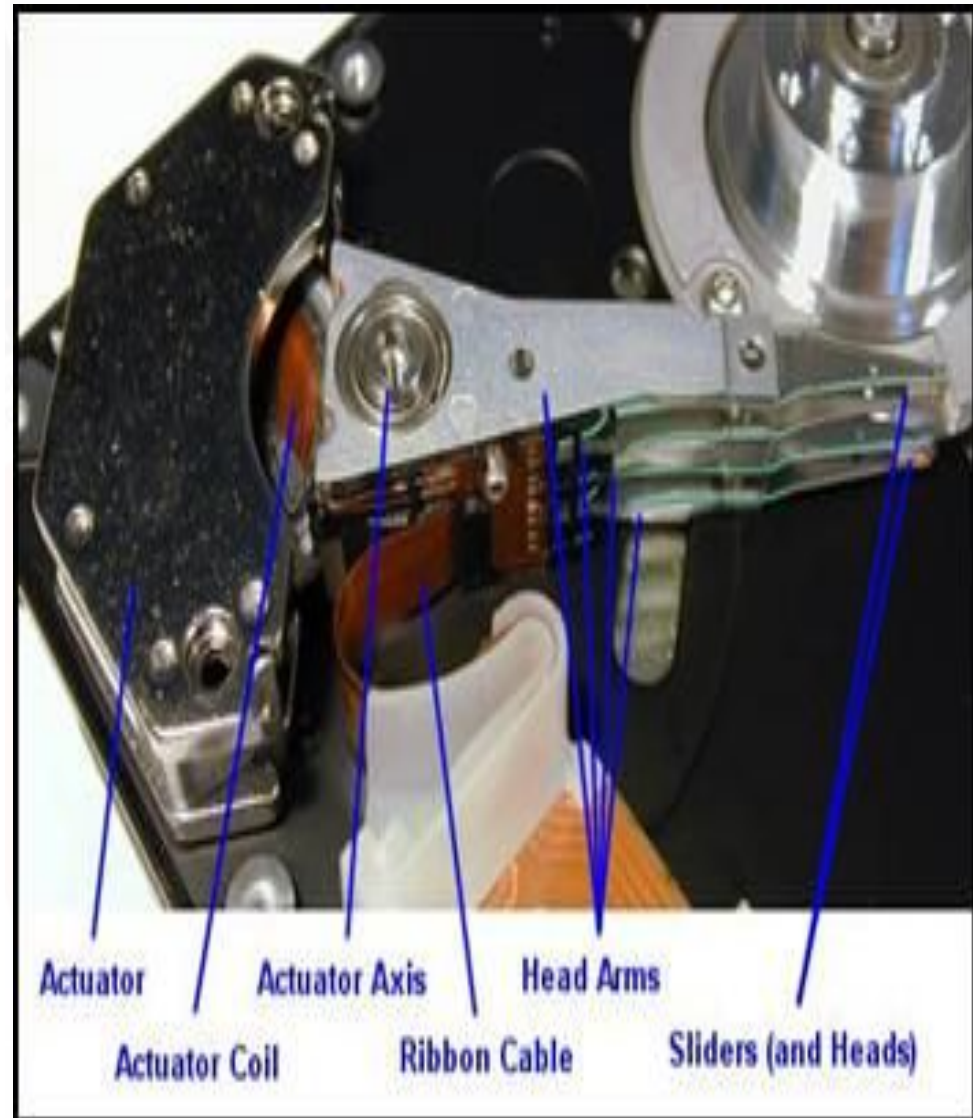
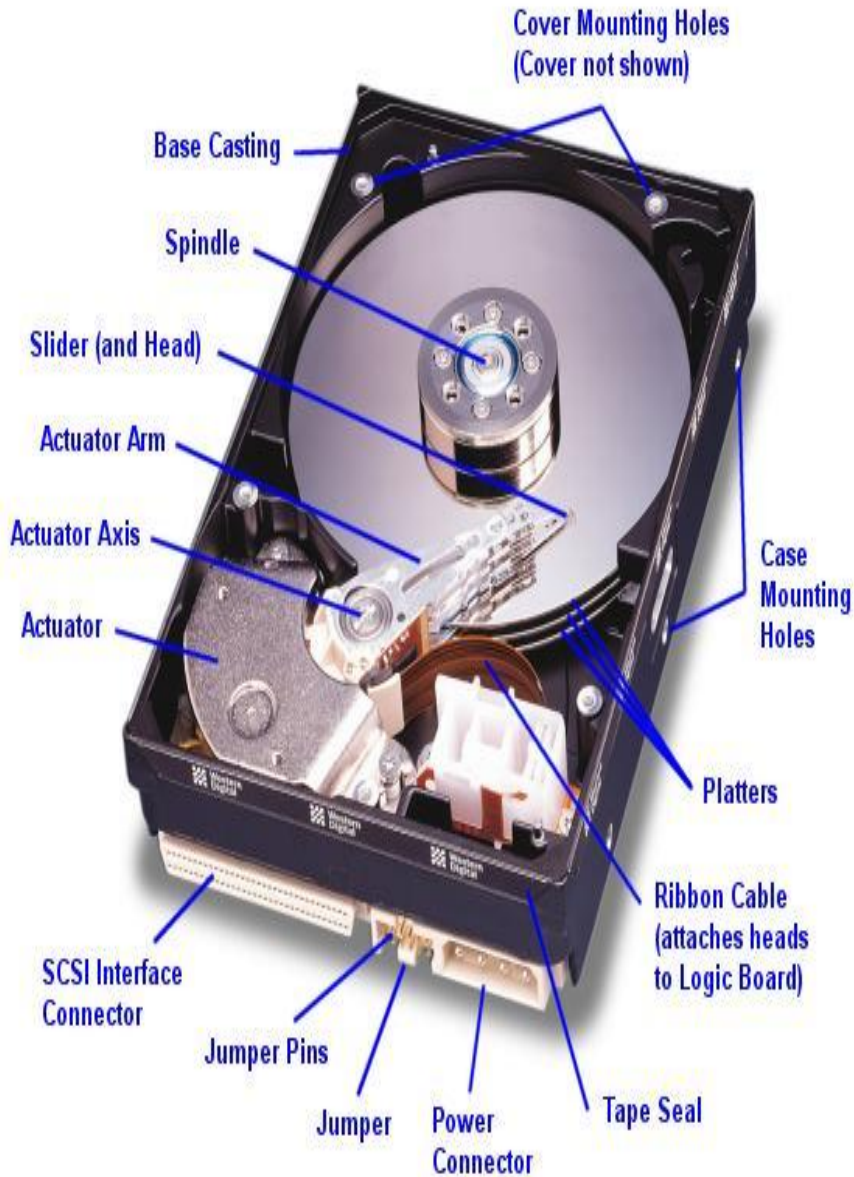
1989-60 Gbytes
2006-60GBytes
60Mbit/sq

HISTORY OF THE HARD DISKS

- Evolution of the hard disk is driven by the capacity and not by the performance.



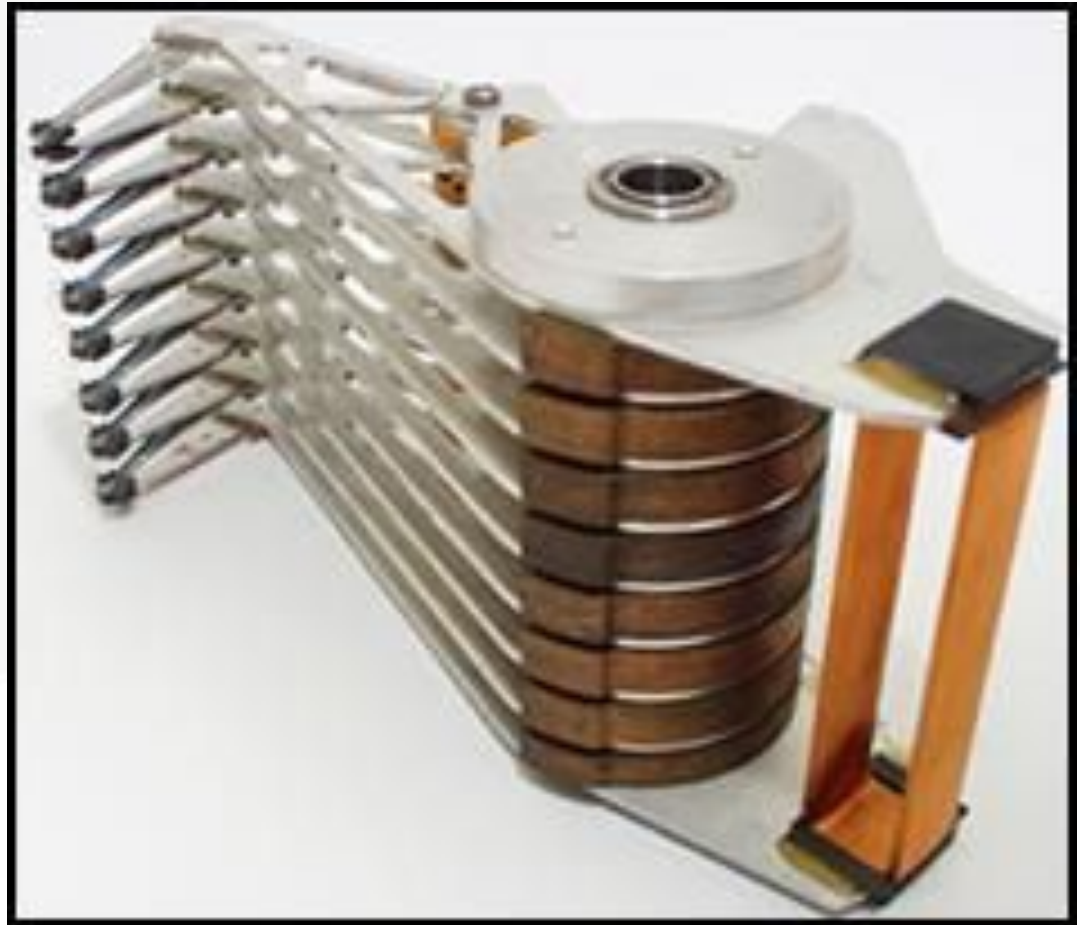
ARCHITECTURE OF THE HARD



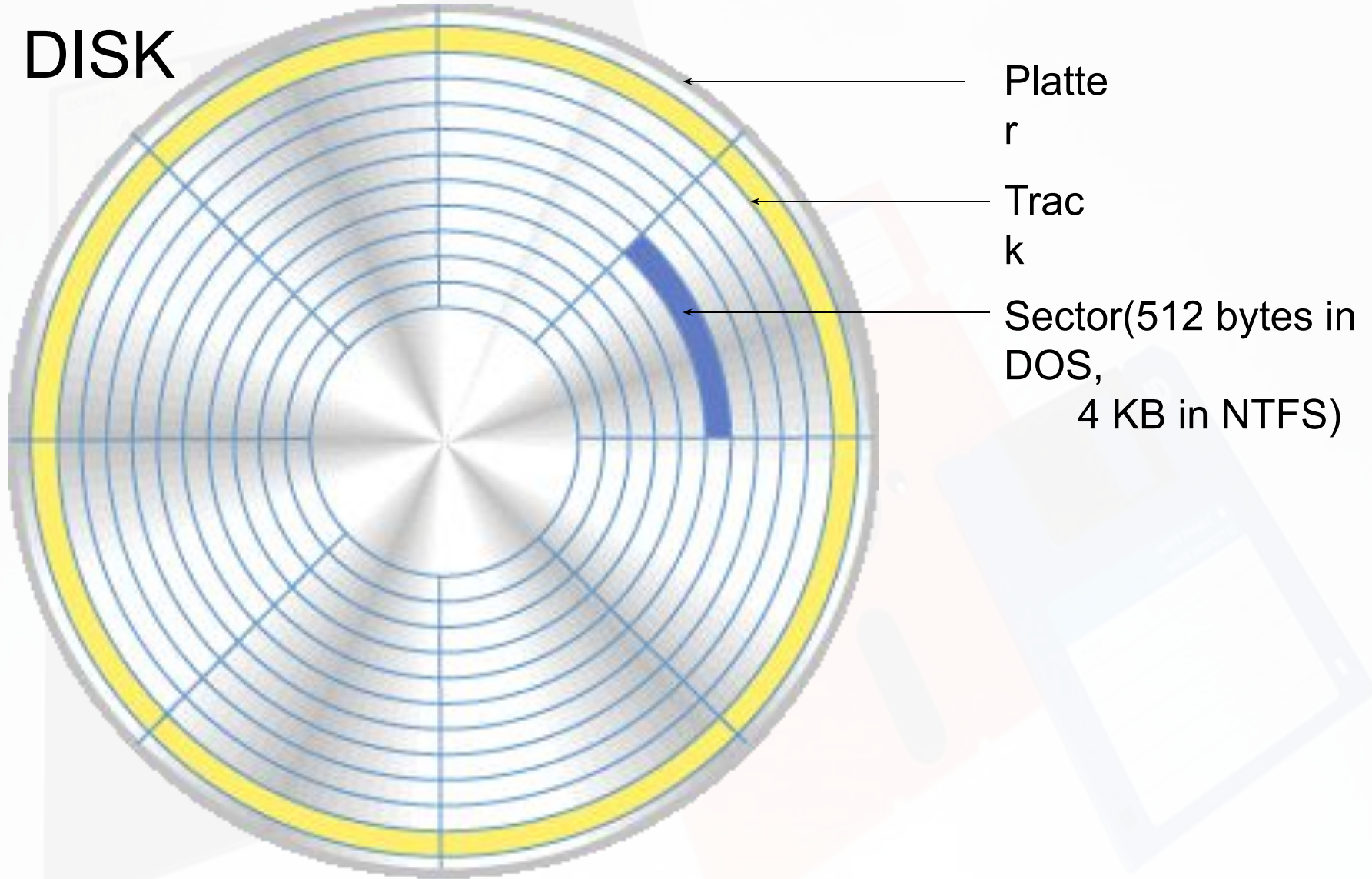
ARCHITECTURE OF THE HARD DISK

- For the read and write operation the head is used.
- Usually each platters has a head for read write operation.

- 16 HEADS
- 8
PLATTER
S



ARCHITECTURE OF THE HARD DISK



Future of HDD



The background features a collage of three overlapping, semi-transparent documents. The top-left document is grey and has a white label with a water drop icon and the word 'RECYCLED'. The middle document is orange and has a label with the text 'FLOW CHART' and '1.20 10.20'. The bottom-right document is light blue and contains a table with several rows and columns. The text 'THANK YOU!' is centered over these documents in a large, bold, black font.

THANK YOU!