



IBM 2314 direct access storage facility

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Created a year after the System/360 in 1965, the IBM 2314 was the next big thing in technology advancement.

Improvements:

- 8 disk drives with a backup (only 8 used)
- Doubled # of storage surfaces from the 1st removable disk pack
- 233 million bytes storage capacity
- 2x the data rate from IBM 2311/4x cheaper
- Probably the most profitable storage of the time





Different Models

Model 1, Model 1 A1, Model 1 A2, Model 1 B1, Model 1 B2

- All models were an improvement upon prior versions
- Increased storage space
- Quicker access times
- Multiple subsystems can be used with the OS/(360/370) for more storage
- Compatible disk packs (useable within any 2314 model)
- Different sizes for companies
- Overall changed the game of computing and storage

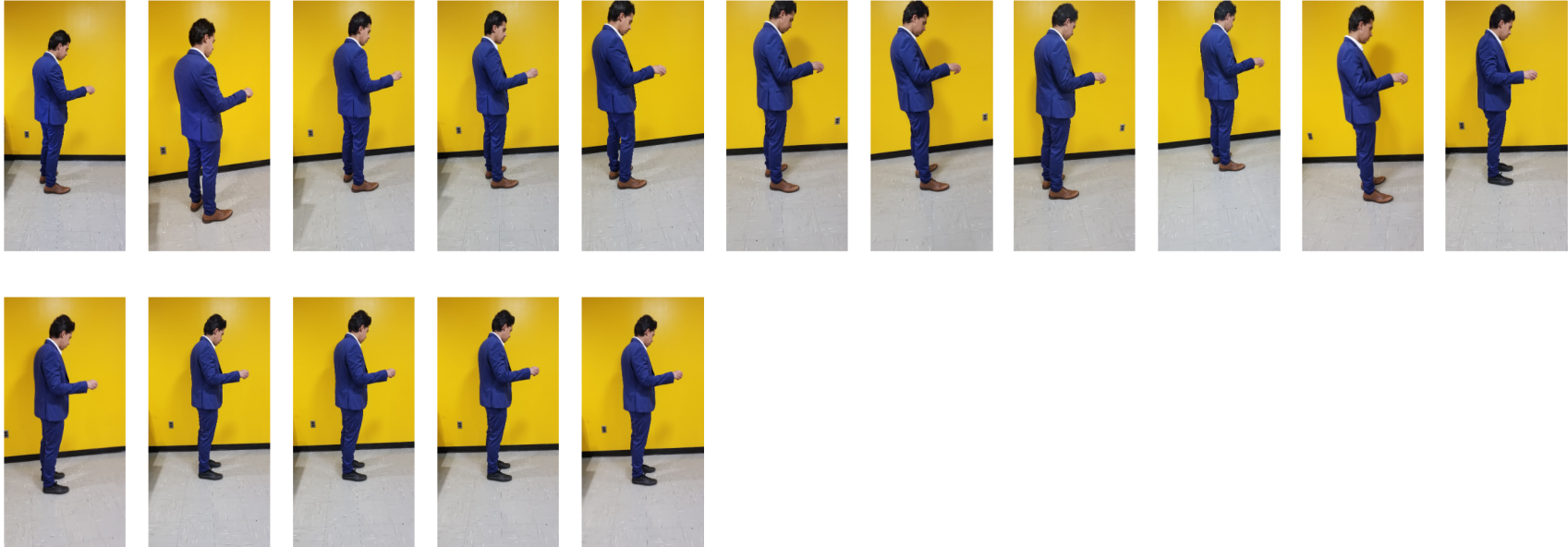


Features

- The 2314 stored 29,176,000 characters (200×20×7294 bytes per track) on a single removable IBM 2316 disk pack
- Average access time was 60 milliseconds.
- A ninth drive could be included in the facility, offering backup capability for preventative or emergency maintenance.
- Command chain ability permitted reading and writing by channel commands without rotational delay.



The Process....





Finally...

- This is final image before it is resized to match the resolution of the original image.





Reenactment:

Original:



Reenactment





Team Members and Roles:

Misiel **Rodriguez**: Powerpoint + Paper

Jeffrey **Ngai**: Powerpoint + Photoshop Editor

Darweshi **Roberts**: Paper+ Photographer

Ali **Alyamani**: Reenactment model + Photoshop Editor



References

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