

The Shrinking Tape Market

Consolidation in the industry

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One Medium (at this point)

- ▶ Fuji Film BaFe
 - LTO8
 - IBM TS1140/TS1150/TS1155
 - Oracle T10000D (last generation)

One Drive Manufacture

- ▶ LTO
- ▶ TS11## series

Why has the market shrunk?

- ▶ Proprietary Medium
- ▶ Over ten years of technology improvements:
 - Disk-to-disk backup
 - De-duplication
 - Improved compression algorithms

New Technologies

- ▶ New media
 - Sony Tape – Sputter Coating Technology
 - Same drive manufacture (IBM)
 - 330TB Tape (6,875 to 20,675 cell phones)^[^note]
- ▶ 330 TB on a single tape; What could go wrong?

[^]based on Samsung Galaxy S8 64GB model

Other references

- ▶ <https://www.thelayoff.com/t/JoBLsqq>
- ▶ <https://arstechnica.com/information-technology/2017/08/ibm-and-sony-cram-up-to-330tb-into-tiny-tape-cartridge/>
- ▶ https://www.theregister.co.uk/2017/02/17/oracle_streamline_tape_library_future/
- ▶ https://www.theregister.co.uk/2017/09/04/oracle_layoffs_solaris_sparc_teams/