

Tested to Extremes

HPE LTO Ultrium Storage Supplies

140,720,062,700 GB

Amount of capacity shipped on HPE LTO Ultrium data cartridges since 2000



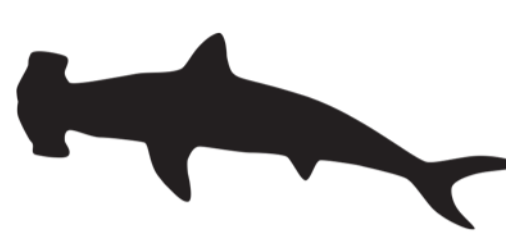
HPE has shipped

1 tape every 6 seconds for the past 17 years

500,000

miles of tape pulled in HPE Brand qualification testing in the last 18 months

You are more likely to be **eaten by a shark** than suffer an unrecoverable error using HPE LTO Ultrium media.

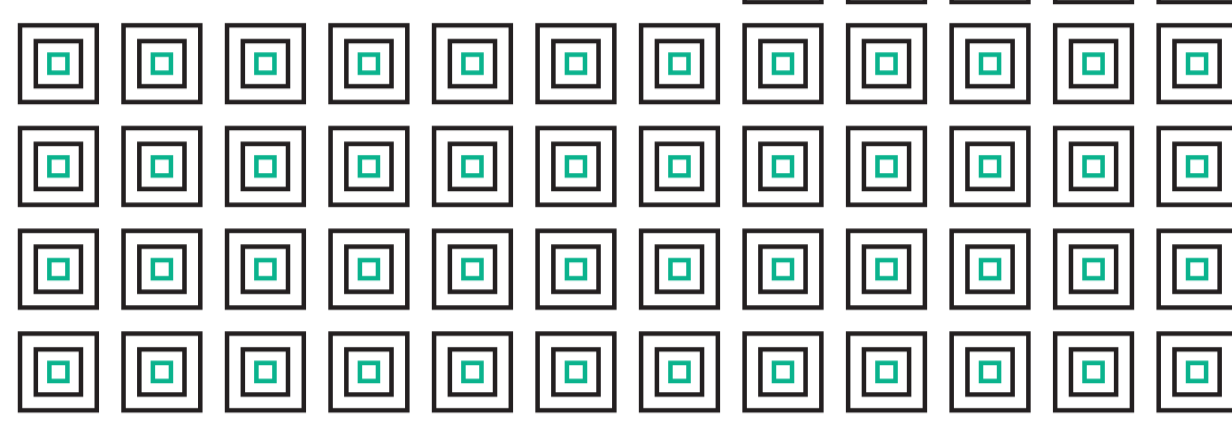


1,000 tapes

in LTO-7 pre-launch testing

750 MILLION

meters of tape pulled



Tales of the HPE LTO tape

All the HPE LTO Ultrium tapes ever sold would cover the Amazon ten times over...



And weigh the same as **43 Airbus A380 airliners**, at 500,000 kg the largest commercial passenger aircraft in the world

The tape would stretch around the planet, Jupiter

145

times

If you converted the information capacity of every HPE LTO Ultrium cartridge ever shipped into sheets of paper, the resulting stack would be

1,300,000,000 miles high

90,566,198

The number of HPE LTO Ultrium cartridges shipped since 2000



Every HPE cartridge ever shipped could be laid to form a trail beside the Trans-Siberian Railway.

5,753 miles

HPE Brand Testing

Full interchange between **multiple tapes on multiple drives** in a range of different environmental conditions

50°F/10°C and 80% relative humidity

113°F/45°C and 24% relative humidity



1000%

more stressful than industry standards

The **HPE Locate / Rewind / Append** test measures the durability of media in demanding automation environments. Cartridges are passed through the drive 2,500 times at 84°F / 29°C, 80% R.H. versus 250 for logo.

In **HPE Brand Load & Unload** automation testing, each cartridge has to perform

20,000 cycles

40,000,000 GB

The amount of data written in continuous HPE Brand Specification Green Tape testing since January 2016



Big Data The opportunity for HPE LTO Ultrium tape

566 PB

of data is produced a day by newly installed surveillance cameras worldwide in 2015.



A typical small city produces 8 PB of street CCTV data per week

How much is 566 PB?

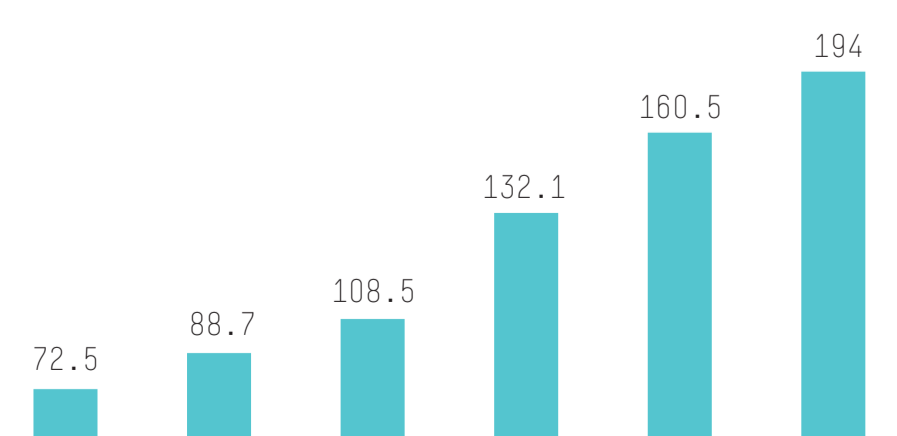
2X The amount of all user data stored by



The volume of stored healthcare has QUADRUPLED since 2010

The average imaging examination produces 30 MB of data

3D computed tomography scans create more than 1 GB of data per exam



2.3

Zettabytes

Annual global IP traffic will reach 2.3 ZB per year by 2020, or 194 EB per month. IP traffic will grow at 22% CAGR from 2015 to 2020.

Source: Cisco® Visual Networking Index (VNI), 2016