

# LTO NewsBytes

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## New Year's Resolution: Reliable & Effective Data Storage

Happy New Year! As we kick off 2017, shouldn't your company's New Year's resolution be to save money while keeping your data secure? The LTO Program has set its resolution - bringing companies the most reliable, safe and efficient data storage solution yet! This issue of NewsBytes will focus on this resolution and three major industry areas where we focus these efforts - government, security, and media and entertainment.

For more on how the LTO Program is keeping its New Year's resolution - and how you can make big improvements to your business storage plan in 2017 - read on, and be sure to [follow us on Twitter](#) and [LinkedIn for ideas all year round!](#)

### Government

The use of body cameras is on the rise - they can provide a traceable source of evidence in the form of eyewitness video, which might otherwise go uncollected. As a metropolitan police agency found out, however, new body cameras generate 2.3 GB/hour or 18.4 GB/shift. With approximately 1,500 body cameras, that's a lot of data needing to be stored and archived for potential use in the future!

LTO technology gives government agencies a secure, on-premises solution to this problem. LTO-7 tapes deliver powerful tape drive-based 256-bit AES encryption to protect sensitive information, which is of the utmost importance when storing sensitive data. And, with the addition of Linear Tape File System (LTFS), metadata for archived content is quickly and locally accessible. This means that archived video is stored at the lowest possible cost, with the highest possible density, while still being simple to access.

To read more about the increasing amount of data being created in the government video industry, and how to store it, check out our recent [BlogBytes Post](#).

### Security

We live in a world with an increasing need for video surveillance. With crime prevention and public safety at the forefront of everyone's minds, video surveillance is being used globally with increased expectations of more to come in airports, cities and workplaces. There's so much surveillance in our common areas today that the average person is caught on surveillance recordings more than 75 times daily.

Now, let's translate that into what it means for security storage professionals. A day of video surveillance is estimated to include more than 500 PB of data. According to a recent [IHS Technologies report](#), future estimates to accommodate the increased expectation of surveillance show that by 2019, this data total will grow to over 2,500 PB daily. So while everyone has crime prevention and safety goals to reach, organizations are struggling to balance the benefit of video surveillance with its high costs and safety concerns.

That's why the security industry needs low-cost, high-security storage solution. LTO-7 media offers up to 6 TB per cartridge native (15 TB compressed) at an ever-decreasing price point, and offline storage protection which isolates data from software bugs that can occur during continuous disk-to-disk backup.

To find out more on how LTO technology can keep your company's data safe and secure, check out Source Security's article titled, '[Video Surveillance Advancements Lead To Data Storage Challenges](#)'.

### Media and Entertainment

[Coughlin Associates](#) predicts that between 2013 and 2018, the media and entertainment industry will see a 5.8 times increase in the required digital storage capacity. With this ever-growing amount, it is vital for media and entertainment professionals to find an economical, durable and high-volume storage solution - which is perhaps why LTO technology is so popular. Not only do these tapes last up to 30 years, but, as previously mentioned, one cartridge can hold 15TB of compressed data.

Additionally, the media and entertainment industry utilizes LTFS technology for video archiving in post-production. LTFS provides fast access to data and offers intuitive file operations, an open format and greater ease of use.

To learn about LTO tape's continued role in the media and entertainment industry and the benefits of LTFS, head over to the LTO Program site and [read more here](#).

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### Next steps for the LTO Program

[National Association of Broadcasters \(NAB\)](#)  
April 22 - 27, 2017

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