

Microsoft successfully stores Superman film on a piece of glass

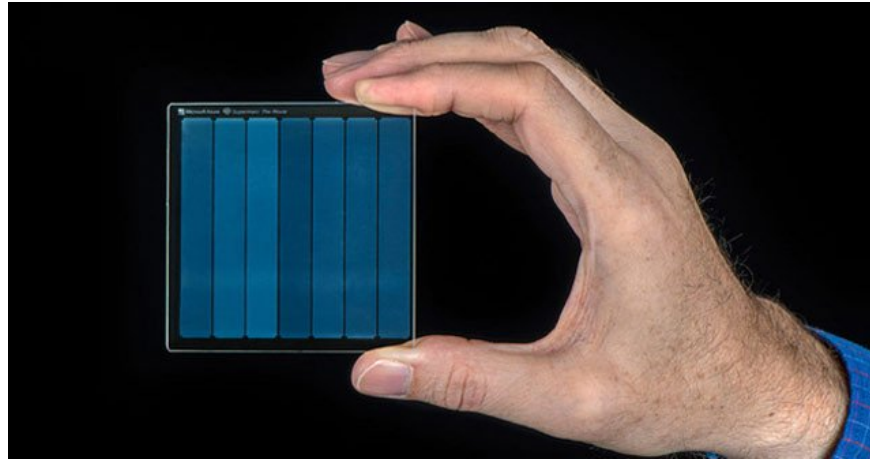
Microsoft successfully implemented the incredible project to store the 1978 Superman movie in a 75x75x2 millimeter piece of glass.

The Microsoft researchers teamed up with Warner Bros., a famous film studio, to successfully implement the utopia project to store the 1978 Superman film into a 75x75x2 millimeter glass. This project is called Silica Project, with the goal of developing data storage and preservation technology.

Microsoft uses infrared lasers to encode data into voxels in glass. Voxel is similar to the pixel on the screen but differs in that it has 3 dimensions. To retrieve the data, they use machine learning algorithms to decode what is in the glass. This technology is currently in beta.



Satya Nadella, Microsoft CEO, said that they only use ordinary quartz glass for this project but thanks to new cold storage technology, it can withstand high temperatures and has good scratch resistance.



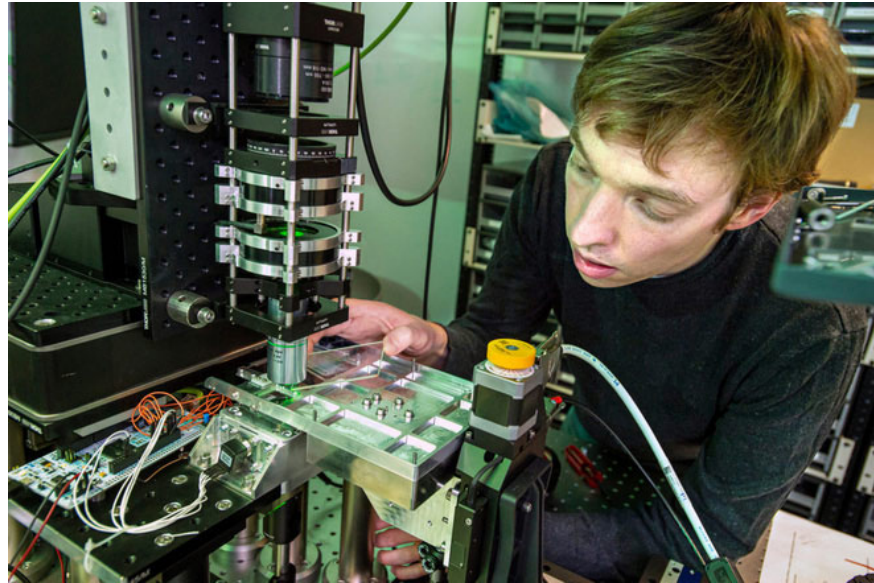
The problem of storing data to pass on to the next generation has long been a headache for researchers because the methods we are using today such as books, photos, hard drives are not a way to store data safely. safe.

The research trial of data storage on glass materials has many unit testing. But with the success of Microsoft, we can rely on the success of a new way of storing data, permanently storing digital assets with unfading copies over time in the future.



Right now, creating backups of entertainment companies has to go through an expensive and expensive process. They have to convert the digital film into an analog film with three components with three colors: dark pink (magenta), green patties (cyan) and yellow (yellow). Each of these colors is then transformed into a black and white negative film so they do not fade.

The negatives are then stored in cold cellars that are tightly controlled in temperature and humidity, and equipped with a chemical sensor system that can detect any abnormal signs. indicates that the film may be damaged based on chemical changes. To get a complete movie back, they will have to perform the above complicated steps.



Microsoft wants to skip the above process and shorten movie storage time. If the Silica Project solution is successful at a low cost and large scale, it will benefit anyone who wants to preserve and store any content.

1. Is a 12MP photo clearer than 48MP? Here is the answer
2. YouTube's source code leaked, revealing the entire platform measure used to control YouTubers
3. What is Google Camera Mod? What devices are supported and where are they downloaded?

You finished reading the article "**Microsoft successfully stores Superman film on a piece of glass**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.