

# On-Demand Access to Video Surveillance Data

## High-performance Cloud File Service for Distributed Workloads

### Immediate access to video footage & archived footage

As our world becomes ever more digitally connected, the video surveillance market continues to evolve with new technologies and innovation. As the market grows, so does the unprecedented amount of data needing to be available for analysis. The need to capture this increasing amount of data from a variety of Closed-circuit television (CCTV) sources, such as security cameras, drones, and IoT sensors, means it also must be stored, processed, organized, and secured.

Often video footage is generated in numerous locations, which then needs to be centralized and analyzed. In addition, external regulations require longer data retention periods, necessitating the requirement for more storage. All this data has many storage requirements. Improvements in analytics and camera resolution are truly data-intensive and impact IT with some serious challenges on the back end. Organizations need a straightforward way to store and access this unprecedented amount of video data, on-demand from any location.

### Business Objective

#### Affordable, scalable storage & on-demand access for video data

Today's 4K cameras produce eight times more data than a 1080p camera, which is over-taxing the capacity and bandwidth of current video storage infrastructures. As a result, organizations are looking for cost-effective, agile cloud solutions to enable massive data storage and multiple-location access to video footage. What's more, because surveillance data typically requires critical examination, it must be immediately available for quick playback. Companies need a solution where users have access to video data and archived footage on-demand, regardless of where the data is stored. Most importantly, given how quickly video data expands from bytes to terabytes—affordable, scalable storage capacity that supports anytime, remote access is critical.

### Results

#### LucidLink & Milestone enable immediate access to surveillance data, anytime from anywhere

LucidLink has partnered with Milestone Systems to offer a complete cost-effective infrastructure to support video surveillance. This solution gives customers immediate access to video data that can be stored and managed using any remote object storage solution. Milestone XProtect® video management software (VMS) is ideal for high-quality video surveillance infrastructures, including high-definition and megapixel environments. The combination of LucidLink Filespaces™ and object storage, results in a solution where video surveillance data that can be easily archived and accessed anytime, from anywhere. Object storage offers customers a highly scalable and safe repository for video management systems that support large camera counts, high resolutions, quick frame rates, and long retention periods.



Using LucidLink and Milestone in tandem, organizations optimize their video management installations in the cloud with streaming access to video assets regardless of data location.

### Lucidlink filespaces delivers high-performance, secure video data access

LucidLink's high-performance cloud-native file service, Filesaces, enables video data to be stored and accessed directly from affordable, scalable object storage, whether in the cloud or on-premises. Using Filesaces as if it were local storage, archived video is always available immediately for viewing by individuals or by multiple people at the same time, regardless of their locations. Filesaces even supports video surveillance software that is not natively compatible with object storage, which means older video archives can also be accessed on-demand from anywhere. And there is no time limit on how long customers can keep video files. LucidLink provides sophisticated end-to-end encryption, so an immutable object cannot be deleted or modified by anyone—including any object store—ensuring video footage is never altered or destroyed.

Filespaces provides high reliability and availability to meet the demands of video surveillance deployments.

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*Immediate & seamless access to video is paramount. When our staff needs to retrieve data, they need it right now.*

Temple Murphy

District IT Manager, Community High School District 128

### Using LucidLink customers can:

- » Provide immediate access to video data stored in the cloud
- » Upload video data directly to the cloud
- » Enable concurrent access to video data for remote collaboration
- » Immediately view any video frame, at any point in time
- » Secure video data with end-to-end file encryption, even while viewing
- » Deliver high-capacity storage at local disk speed
- » Utilize a global workforce with streaming file access from anywhere

LucidLink brings video footage directly to the users no matter where they are working. Surveillance video can now be accessed immediately, with one easy-to-use, cost-effective, secure, and scalable solution. Want to enable your teams to have immediate access to surveillance footage so they can collaborate from anywhere? Contact us.°