

# Large US City Adopts the Cloud for its Surveillance Data with the Help of Surveillance Bridge for XProtect

When the IT department of one of the largest cities in the US decided to switch from on-premises recording servers and storage to using the services of a data center, they had to find a solution that could move surveillance data from the data center's virtual recording servers to cloud storage. Ideally, such a solution would also work seamlessly with their XProtect workflows. In addition, they had to migrate their protected data in XProtect evidence lock from their on-premises storage to the data center.

Using Surveillance Bridge, Tiger Surveillance's data management plug-in for XProtect, the customer was able to easily adopt hybrid cloud workflows consolidated within their data center of choice. As a result they avoided further capital investment in on-premises storage while leveraging the resilience and scalability of the cloud. The Bridge technology also enabled the seamless migration of evidence data from local storage to the virtual servers.



## Customer Reasons for Adopting a Hybrid Cloud Workflow

1. **Cost:** moving to an OpEx model by using the services of a data center was a more viable option long-term compared to purchasing additional on-premises storage.
2. **Maintenance:** having the data center take care of storage maintenance would reduce the admin burden on the customer.
3. **Scalability:** cloud storage would enable the customer to seamlessly increase or reduce resources in line with their changing needs, thus providing much more flexibility.
4. **Resiliency:** being able to take advantage of the security and data durability that cloud storage provides without compromising speed or accessibility.

## Our Solution

Endorsed by Milestone, Surveillance Bridge for XProtect is a seamless data management solution compatible with both live recording and archive drives. It automatically relocates less accessed camera recordings from local storage to more affordable cloud storage tiers for long-term retention. At the same time, users can stream camera recordings stored in immediate cloud storage tiers in real time, ensuring continuous access to camera recordings. Simply scrolling through the timeline allows Surveillance Bridge to smoothly play back the recordings. In addition, Surveillance Bridge ensures the fastest possible recovery in the event of a disaster, offering immediate availability of all camera recordings and metadata required by XProtect.

## Why Surveillance Bridge?

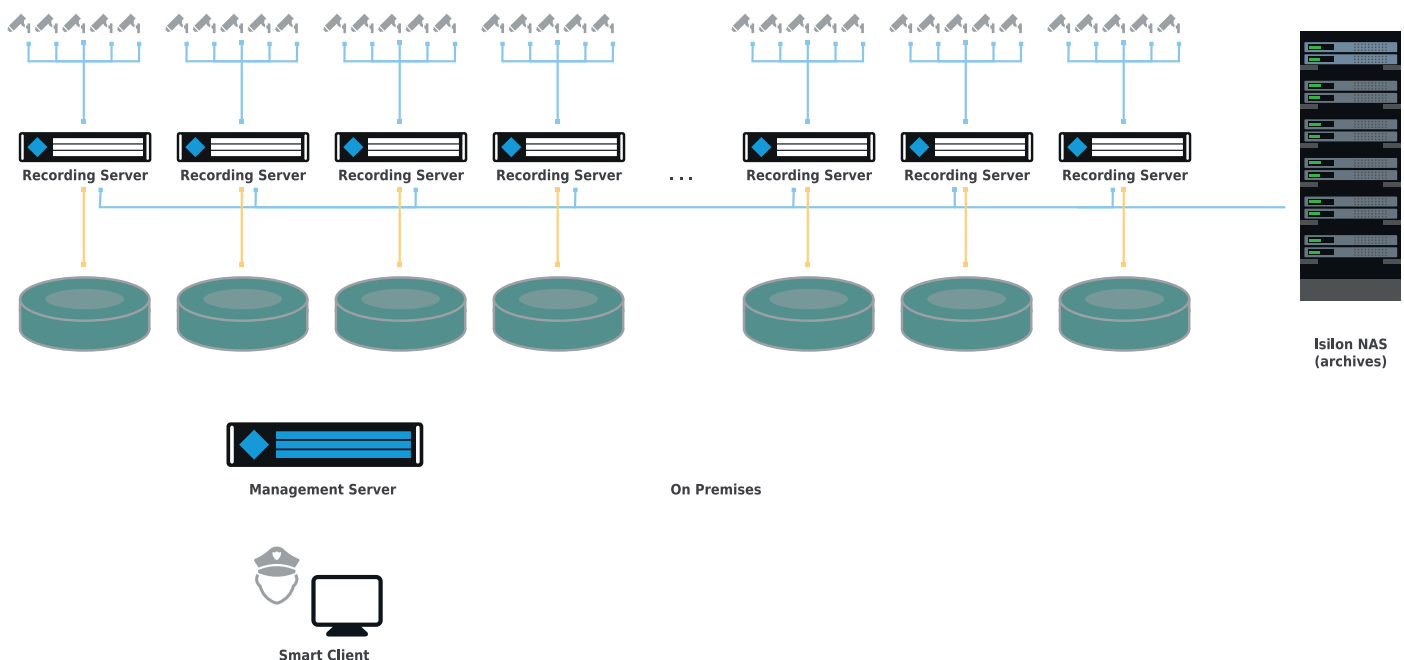
- Capacity expansion to any cloud and any cloud tier (including archive tiers) - always have room for new video and more cameras
- Significant cost optimization compared to on-premises infrastructure
- Business continuity - preserve your existing workflows & benefit from the fastest possible disaster recovery
- Easy install & configuration – MIPS plug-in fully integrated into Milestone XProtect
- No staff training or additional hardware required

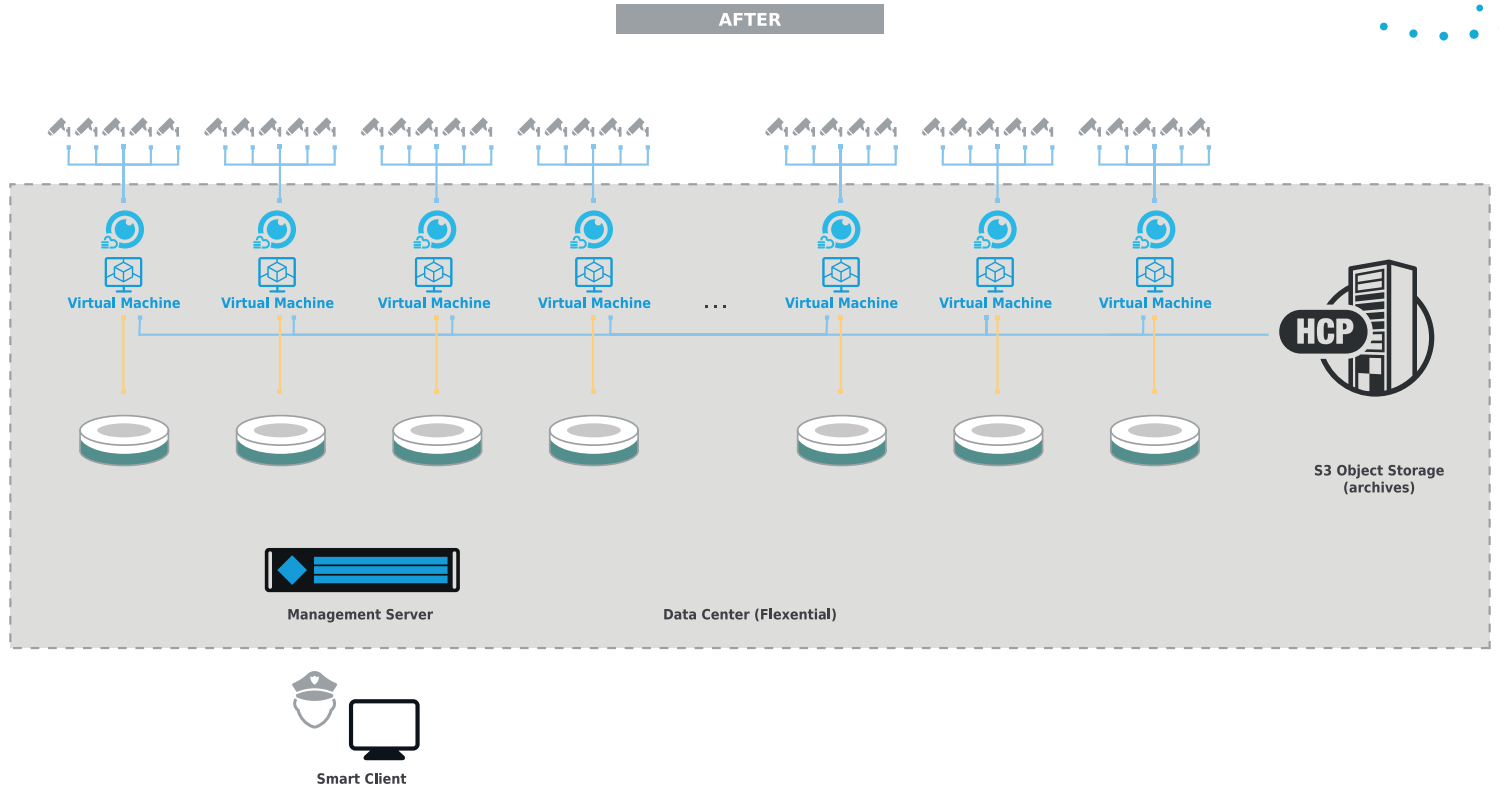
## The Integration

The customer opted for a transition period during which the new virtual recording servers were configured to acquire all new camera data. Meanwhile, the old on-premises servers, which no longer recorded new data, were allowed to age out as per the customer's retention policies. The Tiger Surveillance team enabled the migration of the protected data in evidence lock to the data center utilizing the Bridge technology.

At present, the customer is fully migrated to the hosted platform with 30-40 virtual servers recording feeds from 3,500 cameras active throughout the city. Surveillance Bridge for XProtect is installed and running on those servers to move video data to Hitachi cloud storage where it is kept for a 90-day retention period. All this takes place within the data center. The customer has seen no changes in their XProtect workflows and no complications with the integration of the Surveillance Bridge software.

### BEFORE





## Benefits & Business Impact for the Customer

- No data loss during the migration process
- Cost optimization as a result of switching to pay-as-you-go cloud storage
- No disruption to XProtect workflows
- Data is protected and storage is scalable
- Maintenance is significantly reduced
- Disaster Recovery capabilities gained

### About Tiger Surveillance

Tiger Surveillance is a software development company specializing in on-premises-first data management and protection for video surveillance workflows.

Founded in 2022 and headquartered in Alpharetta, Georgia, the company is powered by Tiger Technology, an established technology provider of storage, data, user, and media management solutions.

The Tiger Surveillance portfolio includes solutions designed to extend and protect storage infrastructure on premises or in any cloud tier.