

Integrated Hybrid Cloud Storage with Surveillance Bridge and Microsoft Azure

Introduce more high-resolution cameras and prolong data retention while slashing expenses by up to 80%.



An easy solution to a complex problem

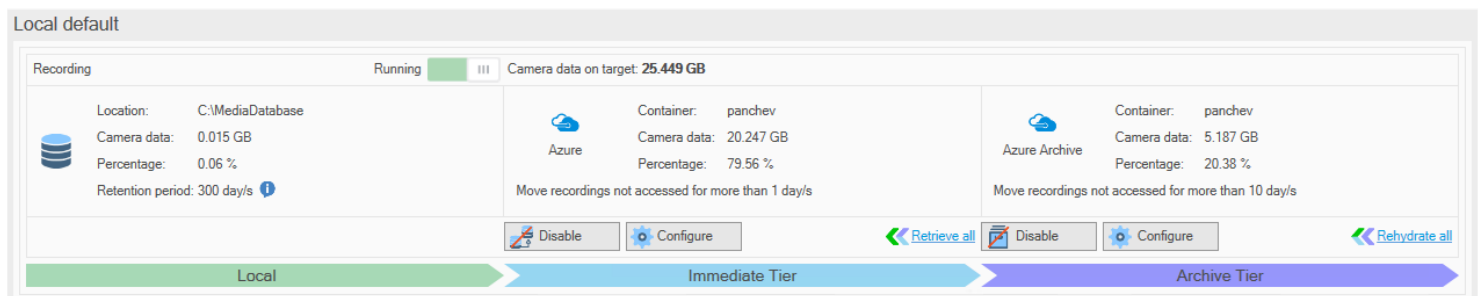
Ever-increasing storage demands due to camera proliferation, high-resolution video, and prolonged retention policies can break your budget. With Surveillance Bridge, a small amount of high-performance local storage is all that is needed to store months (or years) of camera data in the cloud. Organizations can quickly and seamlessly integrate Azure Blob Storage for Disaster Recovery and capacity expansion. All while saving up to 80% as compared to complex on-premises hardware infrastructures.

Seamlessly extends your local drive to the cloud

By utilizing advanced automation, Surveillance Bridge transfers infrequently accessed video files from your local storage to more cost-effective cloud storage tiers. Your VMS remains completely unaware of these operations and continues to function normally as if all the data is still stored locally. This allows users to always have access to the recorded data. Surveillance Bridge is the only solution that works with both live recording and archive drives, all Azure Blob Storage tiers, including Cold and Archive tiers.

Fastest Disaster Recovery

Surveillance Bridge provides the fastest possible recovery in the event of a disaster. It achieves this by continuously replicating data to high-availability storage which in turn ensures the shortest RPO and RTO possible.



Transparent access to any cloud

Surveillance Bridge does not use any proprietary formats when replicating your valuable data to the cloud. You will never suffer from vendor lock-in, and your data can always be retrieved.

No added IT complexities

The Surveillance Bridge interface is designed to make it extremely easy to install and configure - select your camera repository, your cloud target of choice, choose your local retention period and enable optional Disaster Recovery. No training for your team or external life cycle management is required.

PRODUCT HIGHLIGHTS



**Seamless capacity expansion
to any Azure Storage tier**



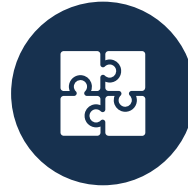
**The fastest possible
Disaster Recovery**



**Cost-effective long-term
archiving**



**Preserves the chain
of custody**



**Keeps data
integrity**



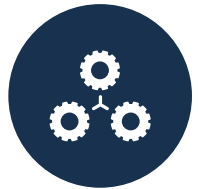
**Recordings remain
accessible from within VMS**



**Tightly integrated with
each VMS application**



**Installs in minutes with no
interruption of service**

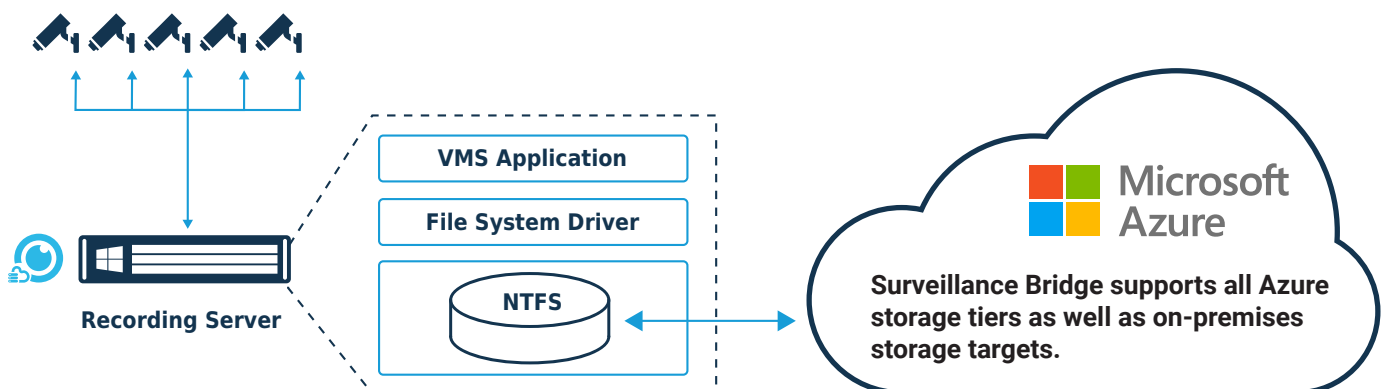


**No infrastructure or
operational changes**

How it works

Surveillance Bridge is a fast and easy-to-install NTFS/ReFS file system filter driver that ensures uninterrupted recording and playback operations on your VMS. It intelligently manages storage space on the local drive while automatically transferring files to Azure Blob Storage. Following user-defined policies, it can also automatically move infrequently accessed data to cost-effective cloud storage tiers, such as Azure Cold and Archive tiers.

Your VMS remains unaffected by these operations, perceiving the data as local without any workflow disruptions. For recordings stored in Azure Cold and Archive tiers, security operators or administrators can use Tiger Surveillance's Job Manager utility to rehydrate specific date ranges or select cameras in some cases. Once the rehydration process is complete, the recordings can be directly played back from within the VMS.



KEY FEATURES & BENEFITS

Easy

- Installs in minutes
- No changes to your existing system
- Requires no cloud expertise
- Very forgiving with unstable internet connections

Seamless

- No need to stop your VMS
- Works with most Windows-based VMS
- Connects with all Azure Blob Storage tiers
- Extremely resilient and secure

Cost-effective

- Extends the shelf life of existing hardware
- Scales indefinitely in the cloud
- Flexible OpEx pricing
- Minimizes egress fees thanks to partial restore capabilities

Server Requirements

Please refer to the requirements of your VMS provider. The overhead for Surveillance Bridge is minimal when running on a properly sized and configured system.

System Requirements

- Compatible with VMS software that continuously creates and closes individual files for storing camera data.
- This includes Avigilon, Axis, Digital Watchdog, Genetec, Hanwha, Network Optix, VIVOTEK, Qognify, Salient, Teledyne, and others.
- For Milestone XProtect, MOBOTIX HUB, Velocity Vision, and Siemens Siveillance, please use our 100% integrated Surveillance Bridge plug-in.

Recommended Storage Configuration

Typically, three to seven days of on-site local buffering to overcome any internet outage or damaged fiber, etc.

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 2021 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.



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