**Tiger
Surveillance**

Integrated Hybrid Cloud Storage & Disaster Recovery for your VMS

Store more, spend less. Add more cameras at higher resolutions and extend retention times while radically reducing storage costs.

The easy button

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 cloud storage for disaster recovery and storage extension and never run out of capacity. 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 supports all major public cloud providers, and all cloud storage tiers, including archive for long-term retention.
Unlike other hybrid data management solutions and platforms, Surveillance Bridge is the only solution that works with both live recording and archive drives.
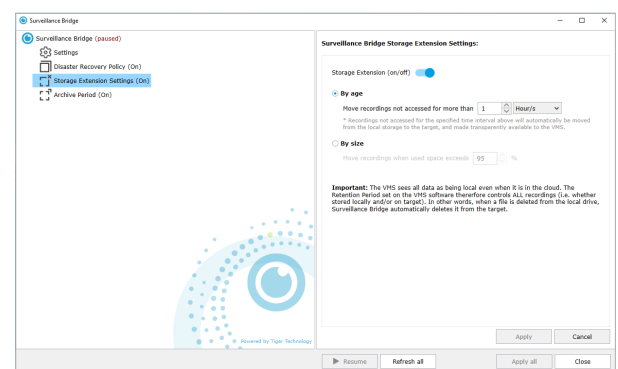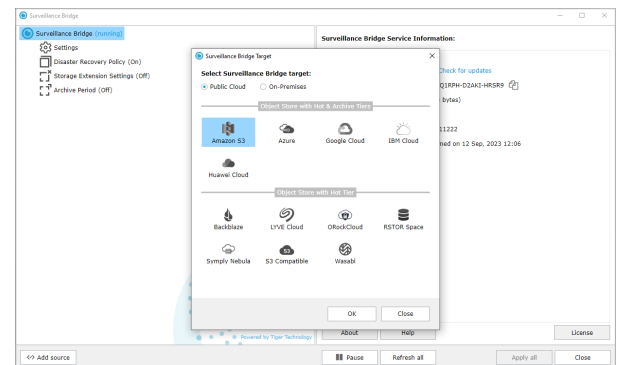
Fastest Disaster Recovery

Surveillance Bridge provides the fastest possible recovery in the event of a disaster. It achieves this by continuously replicating your video and metadata to high-availability storage so it can be made immediately available in case you need to reconstruct your timeline.

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 required.

PRODUCT HIGHLIGHTS
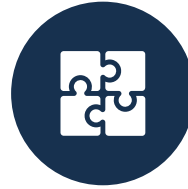
Seamless capacity expansion to any cloud storage tier

The fastest possible Disaster Recovery

Cost-effective long-term archiving

Preserves the chain of custody

Keeps data integrity

Recordings remain accessible from within VMS

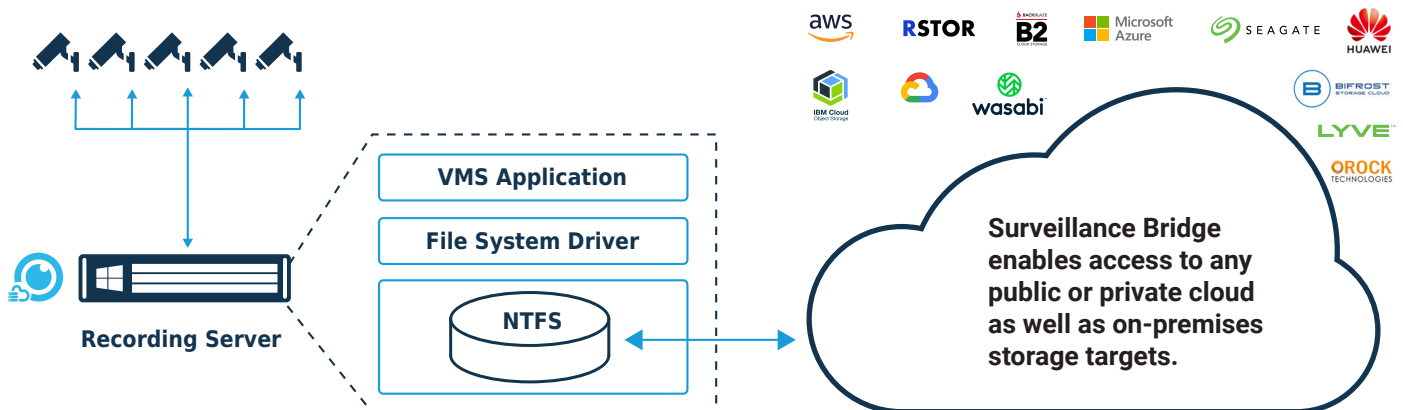**Tightly integrated with each VMS application**

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 the cloud and tier of your choice. Following user-defined policies, it can also automatically move infrequently accessed data to cost-effective cloud storage tiers, such as S3 Glacier Flexible Retrieval or S3 Glacier Deep Archive. Your VMS remains unaffected by these operations, perceiving the data as local without any workflow disruptions. For recordings stored in archive tier, 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.

VMS Application

File System Driver

NTFS

Recording Server

aws RSTOR B2 Microsoft Azure SEAGATE HUAWEI

IBM Cloud Object Storage wasabi BIFROST STORAGE CLOUD LYVE OROCK TECHNOLOGIES

Surveillance Bridge enables access to any public or private cloud as well as on-premises storage targets.

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 major public cloud providers and all cloud 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

For Windows-based VMS. 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.

Supported VMS

• Compatible with VMS software that continuously creates and closes individual files for storing camera data.

• 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.
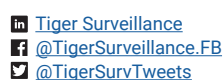
About Tiger Surveillance

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.

Tiger Surveillance

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