Tiger Technology

Surveillance BRIDGE

Integrated Hybrid Cloud Storage & DR for your VMS

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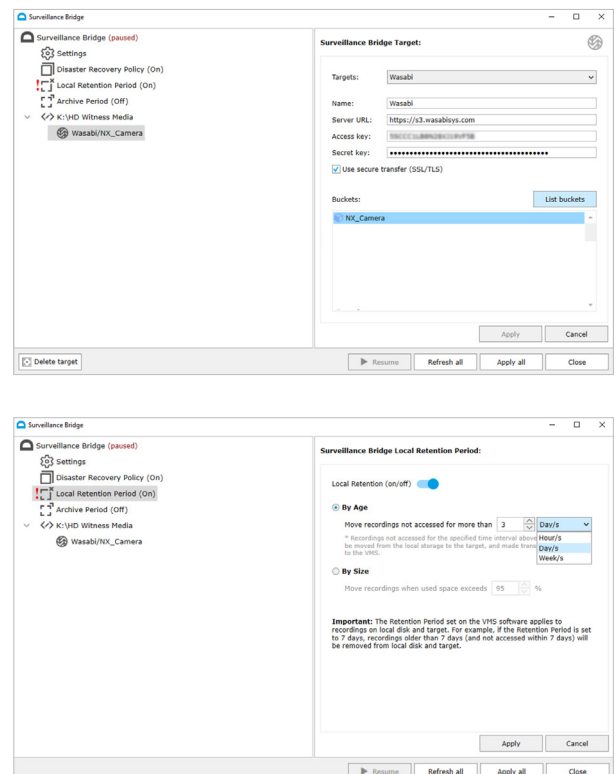
The easy button

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

Surveillance Bridge is the only solution that works with both live recording and archive drives. Surveillance Bridge automatically moves less frequently accessed video from your local drive to affordable cloud storage tiers. Your VMS is totally unaware and continues to work as usual as all data still appears local to the VMS. Users always have access to the recorded data – just play the desired camera material and Surveillance Bridge seamlessly retrieves video to your VMS.

Fastest Disaster Recovery

Surveillance Bridge provides the fastest possible recovery in the event of a disaster. All video and metadata needed to reconstruct your timeline can be made immediately available utilizing Surveillance Bridge.

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

Always have disk space available

Extend local storage to the cloud & reduce costs

Save high-performance local storage for active files

Backup & archive to local disk or any cloud tier

Gain fastest possible Disaster Recovery

Works with most Windows-based VMS
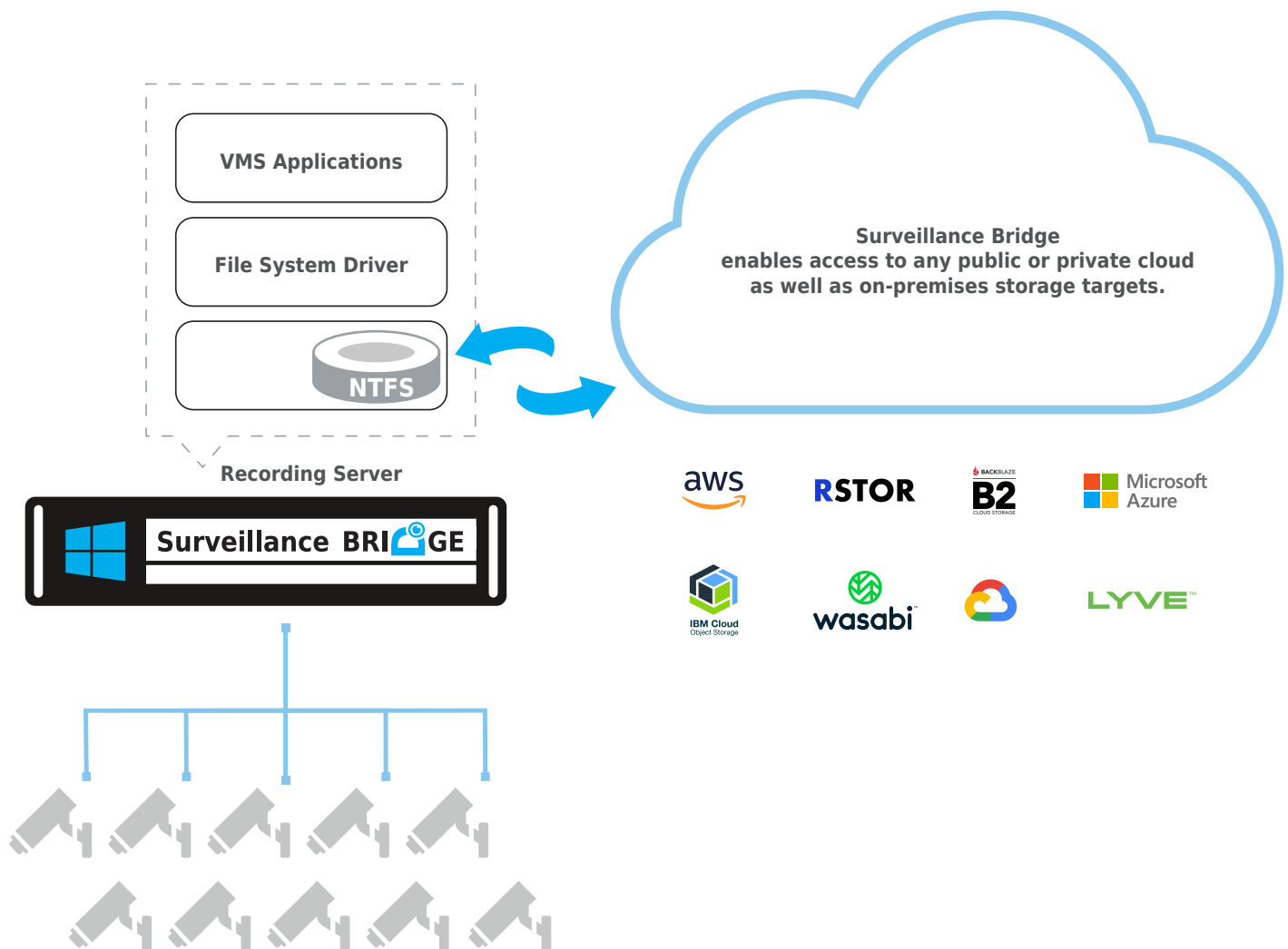
Enables access to any cloud provider

Installs in minutes with no interruption of service

Extends shelf life of existing hardware

How it works

Your VMS continues to record and playback to/from the local disk. Surveillance Bridge is an NTFS/ReFS file system filter driver that installs in minutes and automatically starts replicating files to the cloud. As the local drive fills up, policies work in the background to reclaim valuable local space by replicating infrequently accessed data to cost-effective and scalable cloud storage of your choice. Your VMS always sees data as local so there are no changes in operations. When accessing files that have been reclaimed, Surveillance Bridge seamlessly retrieves the associated data from the cloud. Everything happens automatically.

Key Features & Benefits

Easy

- Installs in 2 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 public and private clouds
- Extremely resilient and secure

Cost-effective

- Extends the shelf life of existing hardware
- Scales indefinitely in the cloud
- Flexible pricing

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 Genetec, NX Witness, Avigilon, Ocularis, Salient, Verint and others.

- For Milestone XProtect, please use Surveillance Bridge for XProtect, our 100% integrated plug-in.

Recommended Storage Configuration

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

Customers in over 120 countries use Tiger Technology solutions to make their data management and project workflows easier. The company develops software-only Windows cloud extension technology, high-speed NAS/SAN file system sharing, virtual volume set and virtual project workspace management, and HSM tiering and synchronization solutions. Tiger enables organizations of any size and scale to manage their digital assets on premises, in public cloud, or with a hybrid model. Tiger Technology has been identified by Endeavour as one of the foremost cloud technology providers on the market today.

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