Extending on-premises video storage capacity with Lyve Cloud and Tiger Bridge

Lyve™ Cloud works seamlessly with public and private clouds, as well as on-site video surveillance infrastructure with existing video management systems (VMS). Tiger Bridge is a software connector installed on a network video recorder (NVR). When paired with a VMS and Lyve Cloud, data is stored in tiers and is moved transparently between the primary and secondary storage.

Cloud-scale on-premises storage capacity

Tiger Bridge technology reduces the file size on the on-premises NVR while uploading the full-size files to Lyve Cloud for backup. This technology frees up NVR capacity and allows more data to be stored locally.

Multi-Tiered storage

With local and cloud storage available, end-users can effectively manage files based on access priority without having to consider performance or latency issues—storing frequently accessed hot data on the primary on-site server for easy access and fast retrieval, and storing backup and archival (warm/cold) data on the secondary cloud environment to free up more primary storage capacity.

LYVE™ Cloud

Best-Fit Environment:
• Hybrid video storage

Benefits
• **Extend the on-site NVR storage capacity** without any change to existing hardware
• **Increase** the security of video data with protected cloud storage
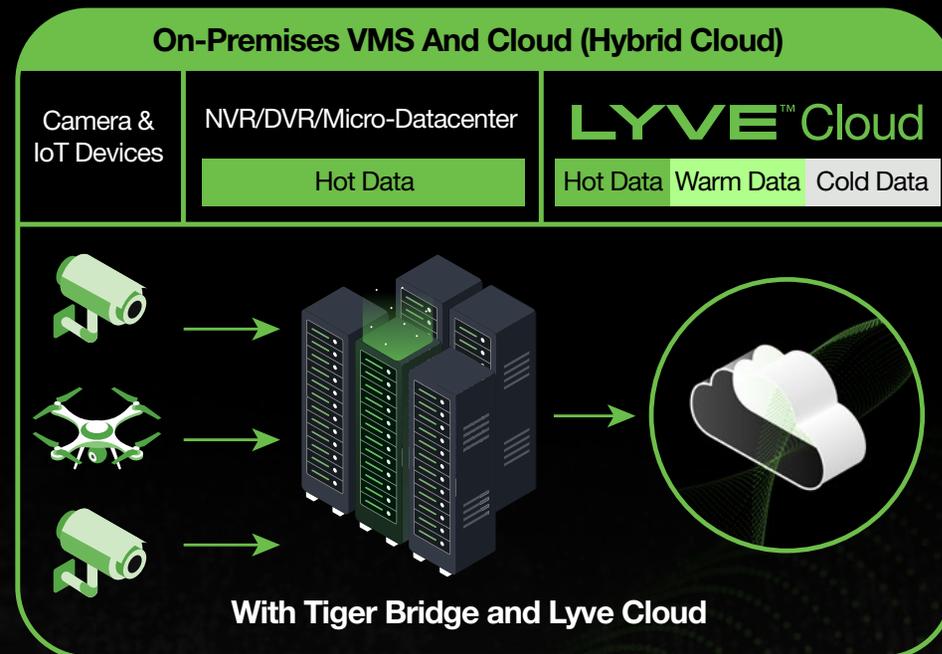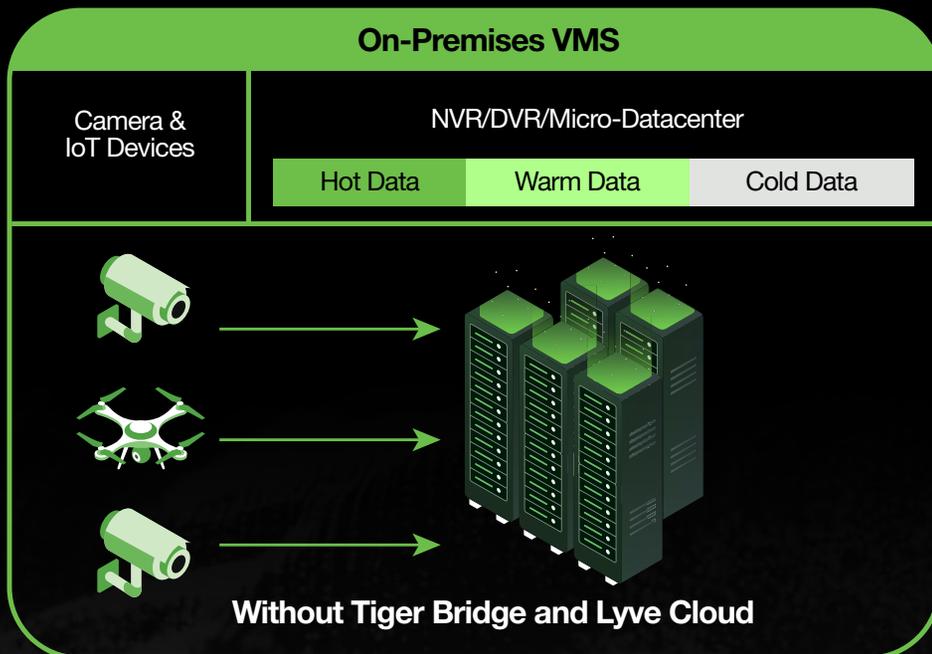• **Seamless integration** of cloud-based storage as an added tier

Video Storage and Video Analytics Data Solutions

Ⓢ SEAGATE | Tiger BRIDGE

Increase capacity for on-site NVR and data tiering

On-Premises VMS

Camera & IoT Devices	NVR/DVR/Micro-Datacenter		
	Hot Data	Warm Data	Cold Data

Without Tiger Bridge and Lyve Cloud

On-Premises VMS And Cloud (Hybrid Cloud)

Camera & IoT Devices	NVR/DVR/Micro-Datacenter	LYVE™ Cloud		
	Hot Data	Hot Data	Warm Data	Cold Data

With Tiger Bridge and Lyve Cloud

Manage data to store on the primary server or the cloud

Storage 1

Recording

Location: D:\MediaDatabase
Camera data: 0.343 GB
Percentage: 5.3 %

Camera data on target: 6.460 GB

LYVE Cloud
Bucket: seagate-lk1
Camera data: 6.117 GB
Percentage: 94.7 %

Move recordings not accessed for more than 2 hour/s

Disable Standard   Configure Standard

Online (local) → Standard Extension