



cozaint[®]

askALICE

Cost Comparison Datasheet

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Slash Video Storage Costs And Get Longer Retention – It Is Possible

Using hard disk only video storage—the traditional approach to video surveillance storage systems—means you are paying way too much, you are sacrificing needed long-term retention, and you are missing out on the highest quality video recording you can attain.

Cozaint's **BOBBYvms™** is an enterprise-grade, feature-rich, reliable video management system that integrates with Cozaint's **askALICE™** is a scalable, enterprise-class, multi-tiered storage architecture combining NAS hard disk storage **PLUS** LTO storage for the most economical long-term video retention.

Combine **BOBBYvms** with **askALICE** video storage and you have an overarching, economical, scalable, professional video security system. With a Cozaint video surveillance solution and its scalable storage architecture, you can store high quality video footage for months or even years at a fraction of the cost of a traditional enterprise hard disk only system.

Cozaint's **BOBBYvms** and **askALICE** multi-tiered storage solution offers a unique scalable approach, making it a very effective and affordable system to record, store, and manage all of your video surveillance recordings.



Here's How It Works:



- **BOBBYvms:** a powerful, full-featured, video management system (VMS);
- Seamless integration to the **askALICE** multi-tiered video recording system (storage);
- Maintain full management of video assets in online, near-line, and offline storage;
- Migrates unaltered original video between less expensive storage devices;
- No user (operator) intervention needed for timely and easy search and playback;
- Supports a failsafe solution for long-term retention;
- Provides cost advantages, managing multiple storage devices in a video repository;

Scalable, Multi-Tiered Video Storage:

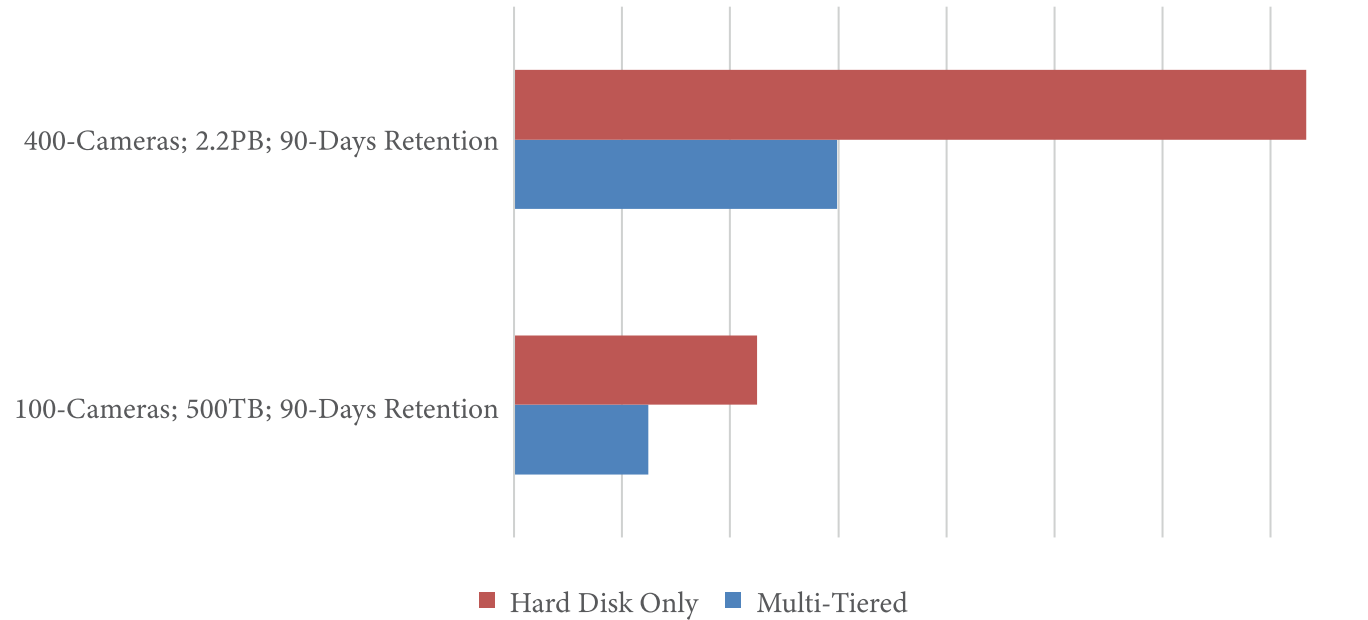
BOBBYvms with **askALICE** multi-tiered storage manages multiple tiers of video storage resources. Our feature-rich VMS captures video initially on traditional hard disk storage and then quickly copies the video to less expensive storage devices such as near-line and offline LTO data tape libraries.

When integrating multiple storage tiers to expand video retention there are significant cost savings in stark contrast to the high price for RAIDed hard disk only based solutions. Not only is nearline storage less expensive, but it is more durable and can be kept for years while retaining video quality.

Total Cost of Ownership:

The total cost of ownership is the initial cost of the first-tier of hard disk-based storage, plus the second-tier LTO media, the LTO Library, plus any operational or electrical costs. The Cost Comparison graph shows dramatic differences in the cost profiles of traditional hard disk only and LTO data tape as retention grows over time.

MULTI-TIERED STORAGE COST COMPARISON



Costs can be mitigated by integrating various storage devices in a multi-tiered storage repository while video retention needs grow. Affordable video surveillance infrastructures take into account the long-term retention needs of an organization. Cozaint’s overarching VMS architecture takes full advantage of a multi-tiered storage solution.

Over time, as retention needs grow, Cozaint’s multi-tiered storage costs only increase at a slow-rate compared to traditional hard disk based video surveillance storage. This is due to the significantly lower cost of needed LTO media to expand video storage capacity.

Cozaint’s **BOBBYvms** and **askALICE** multi-tiered video surveillance storage delivers the lowest cost of ownership available on the market today. Let us prove it to you!

Let’s Detail An Example:

Using the online video storage calculator we looked at 200 2-megapixel (1080p) IP-cameras recording 24/7 at 30FPS for 6-months and that storage requirement would be 2,250-Terabytes (2.25PB).

The Cost Comparison table below shows the cost advantage of Cozaint’s **BOBBYvms** and **askALICE** multi-tiered storage over that of traditional hard disk only systems. The comparative equipment requirements for 2.25PB of storage are summarized in the table. Notice the 45% savings you get just from the hardware equipment alone (before factoring in additional total-cost-of-ownership savings).

Cost Comparison (US\$)			
200 Cameras @ 1080p 30FPS 24/7 for 180-Days Retention			
>>>>>>> (2.25PB Retention)			
			Units Needed
10TB Hard Disk	\$ 282.00	270	
LTO7 - 6TB Tape Media	\$ 59.00	375	
Competitive NAS Storage Base Unit RAID 5 0-HDDs	\$ 7,299.00	9	\$ 65,691.00
Competitive NAS Storage Expansion Unit RAID 5 0-HDDs	\$ 3,499.00	27	\$ 94,473.00
Hard Drives Needed			\$ 70,740.00
			\$ 2,30,904.00
Cozaint askALICE Long-Term Retention System	\$ 126,417.99	1	\$ 126,417.99 45% SAVINGS!
LTO7 Media INCLUDED			

The Most Economical, Scalable Solution for Long-Term Video Retention

Cozaint’s **askALICE** infrastructure combines multiple storage options designed for optimal performance and the longest, affordable, video retention.

This complete video lifecycle management solution includes long-term retention **without** forcing any video degradation. Expanding retention with traditional hard disk only systems requires an entirely new disk-based storage unit and additional hard disks –which is a substantial capital expense each time you wish to grow.

By scaling from gigabytes to petabytes, with multi-tiered storage and ability to effortlessly manage online, near-line, and offline media Cozaint’s **BOBBYvms** and **askALICE** multi-tiered storage delivers the best total cost of ownership and is the most affordable, scalable video surveillance solution for long-term retention.

- Hard disk Initial Storage
- Huge LTO storage capacity
- Non-proprietary LTFS format
- High performance video recording
- Surveillance operator friendly
- Easy video playback (normal operation)
- Highly scalable
- Most Economical

Let us prove to you how economical this solution is. Contact Cozaint sales at 760-975-8000 or email us your video retention needs and we will provide you with an appropriate proposal. Email us at: info@cozaint.com

AWARE!

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Get In Touch



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