

Wasabi Ball Transfer Appliance for Surveillance Video

A fast, easy way to move large quantities of video files to Wasabi

For many surveillance organizations, video footage from cameras age out and are deleted after a specific amount of time creating capacity for new video recordings. However, due to compliance and legal regulations, retention periods are increasing from weeks to months to years. This means that storage capacity requirements and costs are growing. Organizations who have accumulated vast amounts of video footage are interested in cloud storage as an alternative to on-site centralized storage. Because there may be 100s of terabytes of video, using the Internet to migrate them to the cloud is not a viable option. Uploading large amounts of video to the cloud over Internet connections can be a time-consuming process. Uploading hundreds of terabytes of video data can take weeks, or even months. Organizations that face connectivity limitations often delay their cloud migration because they have neither the time for the upload nor the financial ability to increase network bandwidth speed.

The Wasabi Ball Transfer Appliance overcomes the sluggishness of low speed network connections by using a physical device provided by Wasabi. The Wasabi Ball enables organizations to move large amounts of video from their on premises storage or current cloud solution to Wasabi quickly, conveniently and cost-effectively.

Simple to use and secure to move

This custom appliance is powered by industry-leading Netgear NAS performance and is capable of securely holding up to 100 TB of video data. The Wasabi Ball is delivered with multiple 1 GbE and 10 GbE interfaces along with an S3 server and an NFS server. The user has the ability to choose one method over the other for uploading their video. In addition, the appliance comes with AES 256-bit volume-based encryption, ultimately making these devices easy to use, fast to upload and secure to ship. The Wasabi Ball works with or without the internet, does not require a dedicated IT operator, and can be used in remote environments.

Features

- Up to 100 TB of video file storage capacity per appliance
- 1 GbE and 10 GbE LAN connectivity
- Standard file system interfaces (NFS, CIFS, SMB, FTP, HTTPS, Rclone, S3)
- AES 256-bit volume-based encryption
- Built-in client interface
- Industry-leading Netgear NAS performance

Benefits

- Up to 100 TB of video file storage capacity per appliance
- 1 GbE and 10 GbE LAN connectivity
- Standard file system interfaces (NFS, CIFS, SMB, FTP, HTTPS, Rclone, S3)

Beginning the transfer process

In order to migrate video using the Wasabi Ball, organizations can request a rental of the Wasabi Ball Transfer Appliance. The appliance is then delivered, video files are transferred to the appliance, and the Wasabi Ball is then sent back to Wasabi. Wasabi will ingest the video from the appliance directly into the customer's Wasabi storage bucket, notifying the customers once the upload is complete and securely erasing the device.



Summary

Implementing a cloud strategy for video surveillance no longer needs to be delayed due to the challenge of low speed connections or the cost of additional bandwidth. Once the initial cloud seed is done with the Wasabi Ball Transfer Appliance, most future uploads are typically incremental video data or updated video data which happens faster and requires fewer network resources.

Technical Prerequisites & Restrictions

1. Customers are solely responsible for encrypting their data prior to transferring to the appliance or requesting Wasabi to turn on volume-based encryption on the appliance.
2. Files larger than 5 TB in size should not be transferred to the Wasabi Ball as 5 TB is the largest file size that is supported by the S3 protocol
3. Filenames with UTF-8 special characters may have to be renamed before being transferred as they are not supported by Wasabi

Learn more about Wasabi Ball Transfer Appliance

If you're looking to find ways to dramatically reduce the time, cost and risk of migrating large datasets to the cloud, contact sales@wasabi.com

To learn more about the Wasabi Ball Transfer Appliance go to: <https://wasabi.com/wasabi-ball/>

ABOUT WASABI

Wasabi provides simple, predictable and affordable hot cloud storage for businesses all over the world. It enables organizations to store and instantly access an infinite amount of data at 1/5th the price of the competition with no complex tiers or unpredictable egress fees. Trusted by customers worldwide, Wasabi has been recognized as one of technology's fastest growing and most visionary companies. Created by Carbonite co-founders and cloud storage pioneers David Friend and Jeff Flowers, Wasabi has secured \$110 million in funding to date and is a privately held company based in Boston.

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