



Seagate Lyve Mobile and Commvault

Together, Lyve™ Mobile and Commvault deliver simple and efficient edge data solutions for secure disaster recovery, effortless daily swap outs, and frictionless mass-capacity transfer of sensitive data.

Challenge Summary

As enterprise data continues to grow and evolve, enterprises need efficient and scalable data storage at the edge for secure disaster recovery, effortless daily swap outs, and frictionless mass-capacity transfer of sensitive data.

Benefits Summary

- Cost-optimized data management solution
- Scalable, modular, and vendor agnostic edge storage
- Efficient data management and protection
- Secured by industry-standard AES 256-bit hardware encryption and key management

Lyve Mobile—a purpose-built edge storage solution from Seagate®—shifts users away from tapes and high-latency networks and toward simplified mass-capacity physical data transfer. Paired with Commvault's industry-leading data protection and management software, enterprises can mobilize both solutions together to aggregate, move, manage, and activate their sensitive data sets efficiently and securely.

The dramatic growth in the global datasphere over the last three years has forced IT managers to rethink the way they store and manage data. As enterprises continue to generate massive volumes of data, strain on data storage infrastructure will only compound. According to research compiled by IDC, the amount of data created over the next five years will be greater than twice the amount of data created since the advent of digital storage. Additionally, IDC expects the global datasphere to more than double in size between 2022 and 2026.

In order to compete in this new data economy, enterprises must deploy efficient and scalable data storage at the edge for secure disaster recovery, effortless daily swap outs, and frictionless mass-capacity transfer of sensitive data.



Challenge Summary

For large enterprises made up of multiple remote offices separated from a centralized data center, accessing and activating data at scale can pose a serious challenge. Transferring terabytes of data across high-latency networks, such as WAN, can be time consuming and costly, especially during the transfer of baseline backups. Transferring these backups between sites using removable disk drives, USB drives, or tapes are also subject to hardware failure, human error, and hidden costs.

When transferring data sets of 30TBs or larger, recovery time objective (RTO) is everything, especially for critical data sets—how long it takes to recover your data from one location to another can be the difference between business success and business failure. At this stage, speed is just as important as security. According to the United States Small Business Administration, more than 90% of companies fail within two years of being struck by a disaster, such as data loss or data breach.

Traditional on-premise backup options offer limited long-term retention capabilities and are vulnerable to significant data loss events. Further, they do nothing to enable mass-data activation. Without timely access to insights and optimized data accessibility, administration, management, and security, enterprises will fail to keep up with their competitors.

For enterprises to activate the day-to-day operational utility of their data, they must deploy a simple, efficient, and secure edge data backup solution for frictionless physical data transfers and instant data retrieval.



Solution Summary

To achieve this caliber of solution, Lyve Mobile shifts users away from tapes and high-latency networks and toward simplified mass-capacity physical data transfer. Alongside Commvault's industry-leading data protection and management software, enterprises can aggregate, move, manage, and activate their sensitive data sets efficiently and securely. Together, Lyve Mobile and Commvault deliver a cost-optimized data management solution that supports frictionless transfer of backup data for secure storage, fast retrieval, long-term retention, and effortless activation.

Seagate Lyve Mobile

Lyve Mobile from Seagate is a high-capacity edge storage solution that's purpose-built to be scalable, modular, and vendor agnostic in order to eliminate network dependencies so that teams can transfer data sets in a simple, efficient, and secure manner. Optimized for the edge, Lyve Mobile's portable and rackable storage solution—the Lyve Mobile array—easily integrates into any data workflow for versatile and secure data management. Outfitted with industry-standard AES 256-bit hardware encryption and key management, and secured in a rugged, lockable transport case, the Lyve Mobile array benefits from Seagate Secure™ which features defined user-access permissions, cryptographic secure erase, and automatic device locking when powered down or disconnected.

Designed for on-demand consumption, Lyve Mobile is a service that ensures users only pay for the devices they need.



Whether seeking out an SSD system (46TB or 92TB) or an HDD system (60TB or 96TB), users will have everything they need, when they need it. Using Lyve Mobile as the backup target for mass-capacity data streamlines physical data transfer and guarantees faster data recovery, minimal time to backup, and optimized RTO—affordably and at scale.



COMMVAULT

Commvault Backup & Recovery

With Commvault’s scalable, economical, and trusted approach to data migration, users can bypass both segregated data silos and slow RTO due to data transfers across high-latency networks. Unifying all data management in one place, Commvault enables users to automate and scale data protection and workload migration with ease, across on-premises and endpoint environments. Commvault’s Intelligent Data Services facilitate efficient data management and protection, data security, data compliance and governance, data transformation, and data insights.

A Powerful Partnership

Together, Commvault Backup & Recovery and Seagate Lyve Mobile ship data within 24 hours to cut down RPO/RTO and prevent data loss. When centralizing data from remote locations, this efficiency is a groundbreaking advantage over traditional approaches to disaster recovery backup targets and secure data transfer. Commvault’s comprehensive workload coverage from a single extensible platform and user interface, combined with Lyve Mobile’s high-performance edge storage, significantly reduces storage and backup costs while improving efficiency and manageability of enterprise data across multiple locations.

With this joint solution, enterprises can tackle the issue of data sprawl while activating more data, and faster, for better business insights. Users can rest assured knowing their valuable data is protected by end-to-end recovery, encryption, ransomware protection, and security.

Deploy Lyve Mobile and Commvault for scalable and reliable edge storage, faster data recovery, lower TCO, and robust data security—all while ensuring instantaneous access to data in real time.



Conclusion

To illustrate the power of this partnership, consider a multi-branch enterprise seeking to consolidate and centralize their backup data using low-bandwidth applications. When using Lyve Mobile as a backup target and primary storage for remote office data, once remote data has been seeded users would be able to transfer every last petabyte of data to a centralized facility for optimized disaster recovery. Not to mention, while recovering data to an enterprise system, users can also mount Lyve Mobile in a production environment to run data sets at similar performance levels in the background.

To optimize the daily swap out of very large, 60TB+ data sets is one thing. To secure that process is quite another. With Commvault Complete Data Protection, which combines Commvault Backup & Recovery and Commvault Disaster Recovery, users can rely on enterprise-grade, end-to-end data protection that is both powerful and easy to use.

From edge to data center, across multiple locations, no matter the size of the enterprise—together, Lyve Mobile and Commvault ensure sensitive baseline backups get where they need to go as simply, efficiently, and securely as possible. Unlock the potential of your enterprise data today.



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Learn More?**

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