

# Managing Mass Data Collection in the M&E Industry

Discover the fast, reliable, scalable, secure way to transport multi-camera content and metadata from on-set location to post-production or archive, delivered as a service.

## Challenge Summary

In a production environment that needs to speed up, cost less, and in which demand for content is growing steadily, storing footage on set can be time consuming and complex. Storage devices typically require a hefty financial investment—despite the fact that they'll mostly live on shelves—and their capacity often proves insufficient because of the ever-growing size of content and footage.

## Benefits Summary

- Fast, reliable, secure transport of content and metadata from a LiveCeption environment to broadcast center, post-production, or archive
- Scale capacity on demand—no expensive equipment investments
- Encrypted file transfers
- Validated solution ensures compatibility at max performance

Delivered as a service, Seagate® Lyve™ Mobile combined with EVS LiveCeption Signature® offers huge storage capacities, minus the huge price tag. Choose the capacity you need, when you need it—no long-term investment or expensive equipment required.

Productions are becoming more challenging: huge time constraints, highly controlled costs, and growing demand for content. Advances in 4K/8K, AR/VR, and so on create massive amounts of data and require significant storage investments—storage which may quickly become insufficient because of growing footage size. And from one production to the next, capacity needs may drastically differ. Today's production storage may be too large or small for tomorrow's. All this combined—it strains a production company's budget.

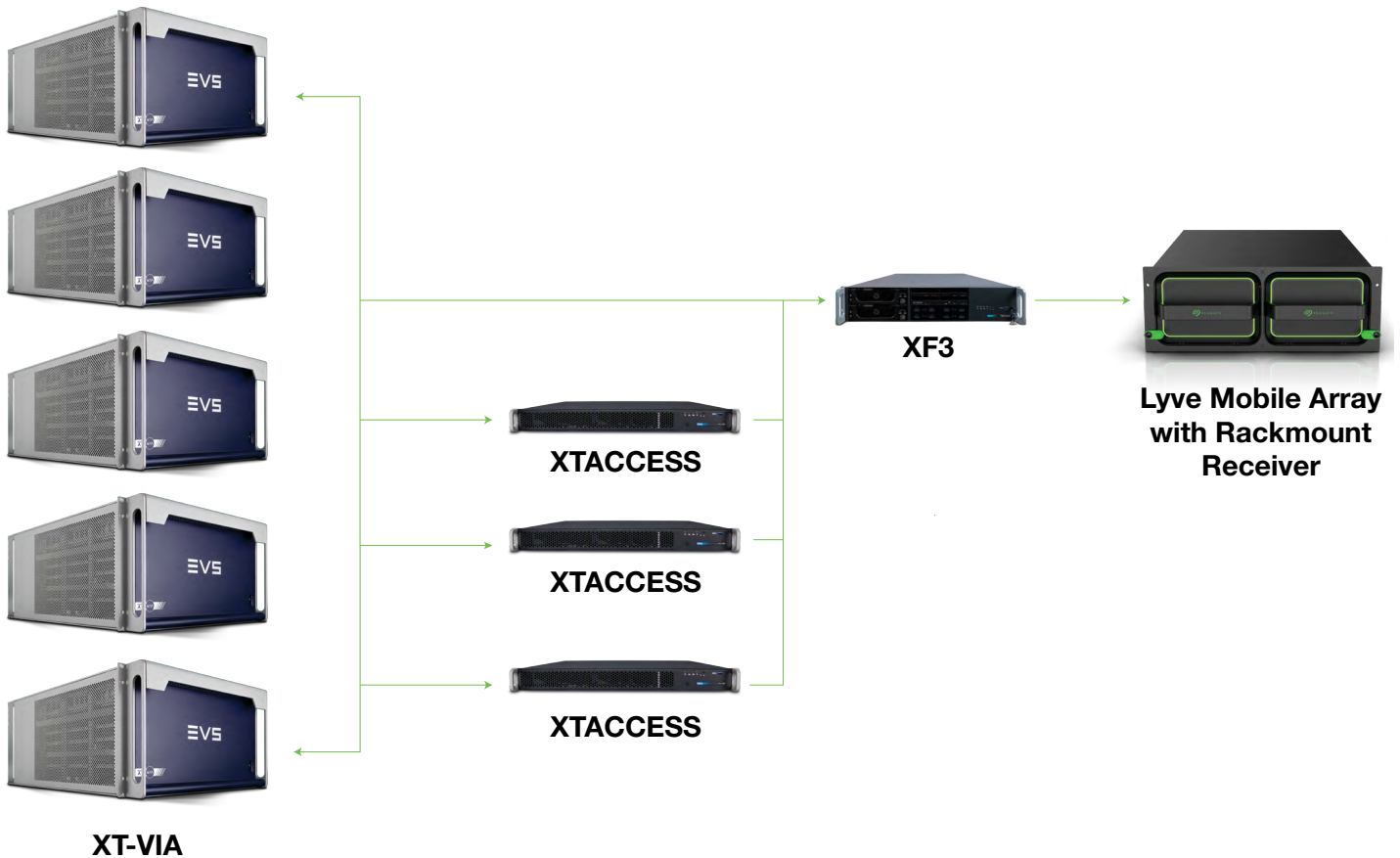
## The Challenge

High-capacity storage is often expensive, unable to scale rapidly, and contributes to higher TCO—challenges which busy studios have little time for. Production companies need a scalable, cost effective,

high-performance solution that goes beyond basic storage. It should be adaptable to the customer's changing needs and compatible with EVS solutions.

## The Solution Approach

Scalable, modular, and vendor agnostic, Lyve Mobile Array offers now an integrated solution that eliminates network dependencies. The result? You can transfer massive amounts of content from an EVS server to any other location through XFile3—including post-production, archive, a broadcast center, or cloud environments—in a fast, secure, and efficient manner. With on-demand consumption delivered as a service, you order and pay only for the devices you need, when you need them.



XFile3 sharing Lyve Mobile Array storages hosted by the rackmount receiver (1 SMB share per Mobile Array)

Traffic must be sent to the 2 XFile 10Gb NICs in LACP mode



## EVS – XFile3 appliances, tested with multiple generations

XF3-2U-2 (XF32-2500C) – 2016

XF3-2U-4 (XF32-4301D) – 2018

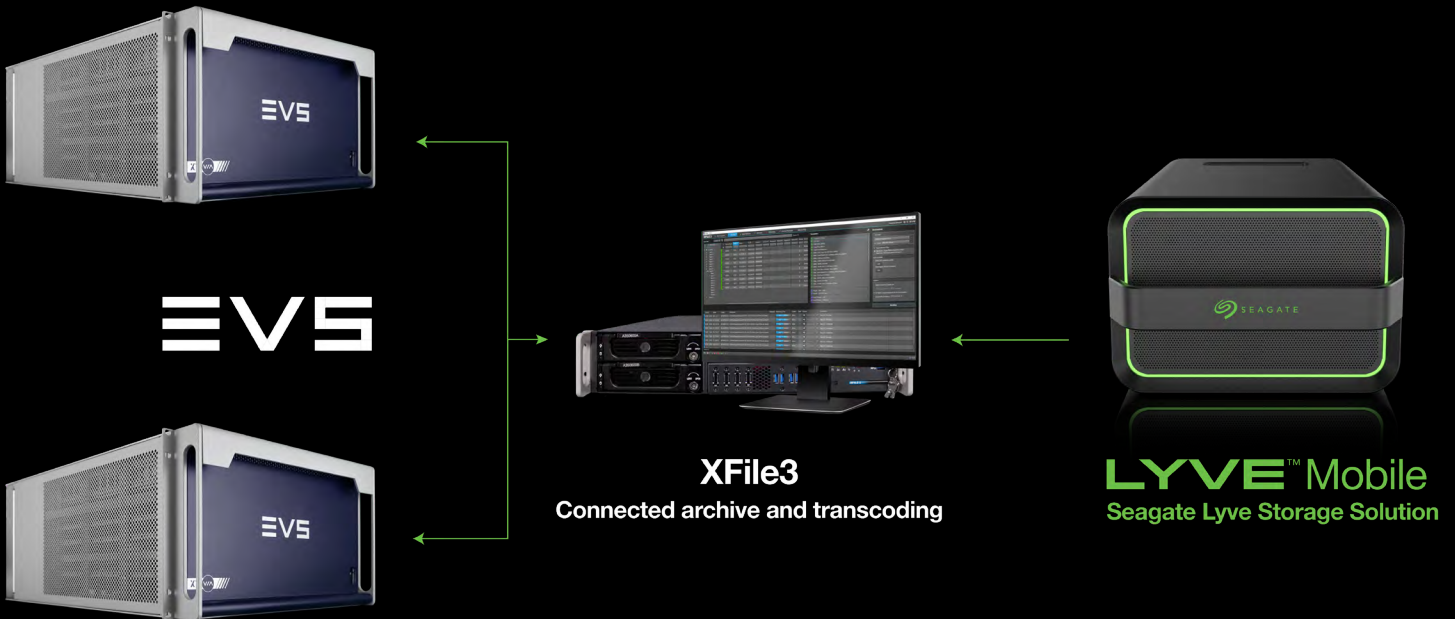
PMA2-6-UHP (PMA2-6801S) – 2021

3 \* XT-4K/XT-VIA (in 1080i, 1080p, UHD)

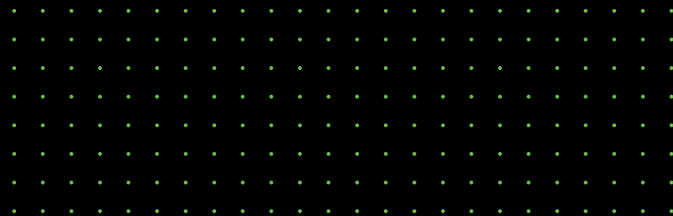
## Seagate Components

LYVE Mobile Array – 46TB & 92TB SSD, 60TB and 96TB HDD, with RAID5

LYVE RackMount receiver – iSCSI 10Gb SFP+



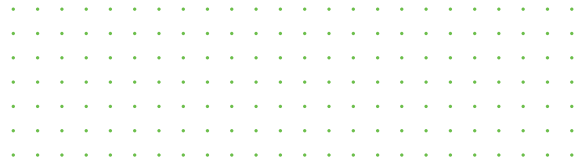
An integrated solution to transport high volume content from and to EVS servers in a fast, secure and reliable way through XFile3. These other locations can be post-production, archive, broadcast center or cloud environments.



## Conclusion

For production teams needing greater speed, security, flexibility, and lowered TCO from their on-set data storage, Lyve Mobile solutions deliver. These fast, reliable, and secure solutions let you seamlessly transport content and metadata from a LiveCeption environment to broadcast production centers, post-production, or archive. Need more or less storage for a specific project? Lyve Mobile makes it easy to scale up or down as needed—no expensive equipment investments required.

And when security matter—which it always does—you can count on encrypted file transfers from XFile3 to the Lyve™ Mobile Array. As validated solutions, They ensure compatibility with each XFile3 platform, no matter the performance level.



## Ready to Learn More?

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