

# OpenDrives Supercharges Telestream Vantage®

## Media Processing and Transcoding at Warp Speed.

Outperform with OpenDrives enterprise storage solutions.

**Developed by industry professionals to solve industry-specific performance problems.**

Before video content streams across any of the numerous internet services and devices available today, it must be transcoded into one or more appropriate streaming formats for consistency in delivery. In the post-production and content distribution business, content may arrive in any of a large number of editorial-grade, high-quality

CODEC formats (“mezzanine” files). These files need to be checked, optimized, and transcoded into other consumer-friendly formats for distribution. As the market leader, Telestream Vantage® sets the standard for media conversion and processing workflows.

Content producers have a business need to archive and repurpose their digital assets in one or more high quality formats, which creates a significant, ongoing, and revenue generating transcoding workflow. Additionally, the FCC mandated that Internet video clips must be captioned if the associated programming was

shown with captions on TV in the U.S. These growing transcoding workflows often place transient and asymmetrical demands on storage infrastructures. OpenDrives is well-suited to address these technical challenges and accelerate performance across the board.

### **Why OpenDrives for Telestream Vantage® Media Platform?**

OpenDrives enterprise storage solutions supercharge transcoding workflows with unparalleled performance—achieving up to 25GB/s with our all-flash Ultimate Series—over industry-standard infrastructure using standardized file-sharing protocols (NFS, SMB, SFTP, and more). Telestream Vantage® is a multi-threaded architecture and takes full advantage of all the ultra-high performance that OpenDrives can provide.

OpenDrives’ hardware solutions are powered by Atlas, our software suite whose features include advanced file caching for amazing performance,

along with **100% data integrity** thanks to our fully check-summed data handling capabilities.

We’ve combined that performance with a **simple, user-friendly, and responsive** interface that allows for the provisioning of new shares in seconds as well as a single pane of glass view.

Always listening to customer feedback and requests, OpenDrives implemented a feature ideal for transcoding workflows: real-time, per-client dynamic bandwidth management (bandwidth throttling) and reporting. This means crucial workflows can have all the bandwidth they need, and utility workflows (backup, archive, file transfer etc.) will not adversely impact performance during critical periods. When combined with our Capacity Quotas and Capacity Reservation features, storage administrators have the ability to meter (and optionally monetize) both bandwidth and capacity used.

### Key OpenDrives Features for BlackMagic DaVinci Resolve:

- NVMe makes latencies nearly non-existent
- Extensive, flexible data bandwidth when needed
- Concurrent write operations further accelerate media-processing pipelines
- ProRes rewrap at up to 180X real-time at 25 GB/s
- Editorial, color, and transcoding workflows collocated for speed, simplicity, and security
- Flexible bandwidth controls
- Unlimited snapshots for robust data protection

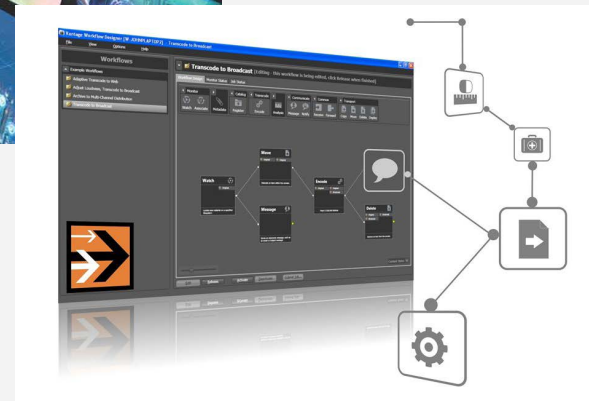
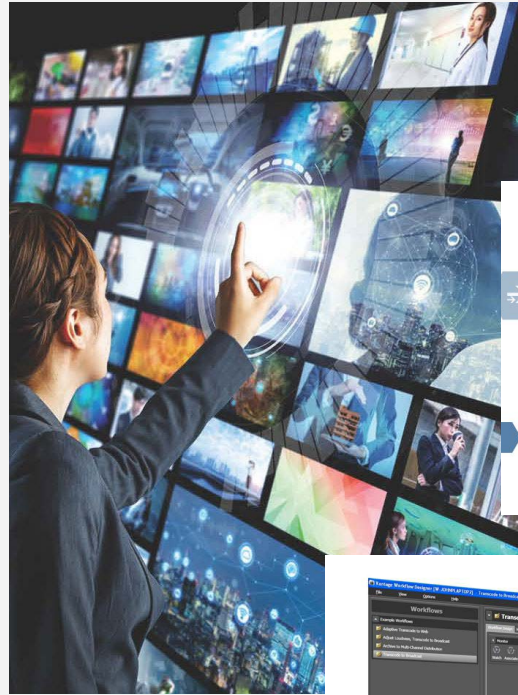
### REFERENCE ARCHITECTURE

OpenDrives Ultimate Series C module with 1 FD8 module, 115TB usable. Server, HP Z8 G4 Workstation with Intel Xeon Gold 6154 CPU @ 3.00GHz RAM 128GB, Server 2019

### MORE INFORMATION

**OpenDrives**  
[opendrives.com/products](https://opendrives.com/products)

**Adobe Premiere Pro CC**  
[telestream.net/vantage](https://telestream.net/vantage)



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