



## OpenDrives Accelerates Adobe Premiere Pro CC

**Collaborative Editing, Evolved. In the ever-changing and fiercely competitive post-production industry, professional editorial facilities are adopting new and innovative tools because creatives and technicians must accomplish their work more efficiently and accurately than ever before.**

### Key OpenDrives Features for Adobe Premiere Pro CC

- Project Sharing & Locking
- Faster Project Load Times
- Intelligent Shared Caching
- Improved Turnover Support
- DCP Creation
- Extensive Native Format Support
- Online and Offline Workflows
- HD, 4K, 6K, 8K Proven Solution



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To demonstrate their continued commitment to the professional editorial market in Hollywood, Adobe has introduced new collaboration tools for multi-user editing. From the very beginning of this endeavor, OpenDrives has worked extensively with Adobe to provide storage infrastructure that consistently meets and exceeds the demands of collaborative video editing.

Shared Projects in Premiere Pro CC introduces a hybrid feature set natively to long-form narrative and collaborative workflows. This familiar yet innovative approach enables veteran editors and assistants to work concurrently in the same master project, without interruption, locking and sharing projects at will. Premiere Pro is the only non-linear editor that lets you have multiple projects open, while simultaneously collaborating on a single project with your team.

These enhanced collaboration tools and their integration with OpenDrives' high performance shared storage solutions solidifies Premiere Pro as the leading non-linear editor for the modern enterprise at scale.

### OpenDrives and Adobe, a Proven Combination

Leveraging a tightly integrated development relationship, Adobe and OpenDrives achieve enhanced cross-compatibility and continued synergy with the latest builds of Premiere Pro. Through this partnership, deep analysis of the inner workings of Premiere Pro has enabled the development of the OpenDrives

operating systems to dynamically adapt to data workloads and optimize the performance of Adobe software.

**In all OpenDrives NAS solutions, our software and hardware are optimized to maximize performance and the user's experience.**

On the hardware side our media accelerator integrates the power of all-flash technology from our NAS solutions to provide a unique and unprecedented opportunity: a truly... shared cache. Waveform peak and cache files are generated once, during project open, and every subsequent editor using the same media will inherit these files, launching them directly into the edit.

Not only does this architecture enable editors to open and close projects with ease from wherever necessary in your facility, our operating systems' dynamic and intelligent prefetching algorithms significantly enhance performance in the generation of cache files as well as decreasing project load times. Projects that previously took 18 minutes to open (tested in a 15-minute reel of a major motion picture), now open in under a minute. Even projects with tens of thousands of assets are indexed and opened in a fraction of the time. OpenDrives' media accelerator serves files so fast, you will feel like it is reading your mind - because it is.

The combination of Premiere Pro and OpenDrives allows for the highest performance editing the industry has ever seen.



## Reference Architecture

### STORAGE

OpenDrives Hybrid Solutions  
4TB drives  
320 TB  
6GB/s aggregate throughput  
AV20S1920M164N40

### ETHERNET SWITCH

Arista 7060CX32-S

### WORKSTATIONS

#### Conform Workstation

Win10 HPZ840 or Mac Pro

#### 8K Review Workstation

Win10 HPZ840 or Supermicro  
SuperServer 7048GR-TR

#### 4K Workstation-Primary Grading Suite

Win10 HPZ840 or Supermicro  
SuperServer 7048GR-TR

## More Information



**OPENDRIVES**  
[opendrives.com/products](http://opendrives.com/products)



**ADOBE**  
Premiere Pro CC  
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## Why OpenDrives

OpenDrives is the media and entertainment industry's highest performing storage solution. Our products deliver mind-blowing speed, unparalleled data integrity, efficiency and flexibility.



OpenDrives technology was designed to maximize the performance of your complete content creation environment from workstation, through the network and into the application. By keeping all your digital assets and workflows on a single enterprise-grade network-attached storage platform, content is able to flow from ingest to conform and all the steps in between without the need to copy or move data to disparate storage or workstations.

Feature films – such as *Gone Girl*, *Deadpool*, *Only the Brave*, and *Hail Caesar!* relied on OpenDrives as the integral storage foundation for these “cannot-fail” post-production environments, and were all cut in Adobe Premiere Pro. By reducing the complexity of storage infrastructure and streamlining workflows, OpenDrives eliminates the time and resource intensive “workarounds” associated with traditional storage technologies. More recent high-profile projects include David Fincher’s Netflix serial killer thriller, *Mindhunter*, and the feature film, *Only The Brave*, chronicling the Granite Mountain Hotshots, which was the first feature film to utilize Premiere’s new Project Sharing feature set.

OpenDrives’ software platform, provides unparalleled visibility and responsiveness into the demands of your business; offering seamless scalability, integrated data security, snapshots, and a robust bandwidth management toolset that allows you to maximize all of your working resources, even under variable load. All of these features, and more, come together in the our operating

system to provide cascading productivity increases and cost savings across multiple aspects of your business.

## Adobe Premiere Pro CC

Premiere Pro is built for modern file-based editorial workflows. Powered by Adobe’s GPU optimized Mercury Playback engine, Premiere Pro is resolution independent, and with its extensive native media support, it allows editors to work at HD, 4K, 6K, 8K and beyond; freely mixing frame rates and video formats in the same timeline without the need for timeconsuming transcoding.

Premiere Pro is used to assemble, edit, add audio and visual effects, create titles, and manipulate color for the perfect aesthetic. As part of the incredibly diverse Adobe Creative Cloud, it integrates easily with tools like Adobe Photoshop, Illustrator, and most notably, After Effects, where it lets you seamlessly move between editing and visual effects tasks while never needing to render until your work is complete.

Extensive support for interchange formats makes Premiere Pro a world-class citizen in any creative workflow. With frequent feature-bearing releases, Creative Cloud and Premiere Pro are constantly evolving, ensuring that editors can stay one step ahead in a rapidly changing industry and focus squarely on being creative and producing beautiful content.