

atlas

Composable Storage Software;
Three Flexible Bundles



Atlas is the M&E industry's first composable storage software

Predictable enterprise-class performance and costs for your scaling business

OpenDrives' Atlas new composable architecture delivers increased workflow flexibility and cost predictability without sacrificing the performance content creators need. We're proud to offer three storage performance bundles that give you more control over your costs versus compromising on all the capabilities that support your unique workflow requirements. No matter which Atlas bundle you choose, you'll get to experience the exceptional performance of the Atlas Performance Engine, greater operational agility, and the confidence that comes with knowing your storage environment evolves with your business.

Dedicated to Creative Needs

For over a decade, OpenDrives' software-defined storage platform, Atlas, has been powering some of the most demanding media production workflows in broadcast, post-production, finishing, and coloring in all corners of the media and entertainment industry. Technology should never be a barrier to the creative process, and OpenDrives understands this. Atlas' simplicity, interoperability, and speed empower content creators to unleash their full creative potential by pushing the limits of what they can achieve.

Atlas has always been known for driving highly performant, collaborative, reliable, and easy-to-use storage environments. Thanks to Atlas' new adaptable, composable design, you get the flexibility to experience everything Atlas has to offer at a comfortable price point that works best for you. Now, enterprise-class features like the Atlas Performance Engine are available to a much wider and more diverse set of content creators.

Choose Atlas, break boundaries, and explore limitless creativity.

Introducing Composable Software

Our Atlas software-defined storage platform changes up the playing field once again. Too often, storage solutions are monolithic and inflexible, with an all-or-nothing proposition to the customer. Regardless of whether you need all the features and capabilities offered, you're forced to get them and pay for them even if they don't align with your content strategy. We get the frustration, and so we've designed Atlas around the principles of choice. Composability gives you the flexibility to choose the bundle of features and capabilities that work for you whether you are more attentive to costs or have a laser focus on leveraging the most advanced enterprise capabilities available.

What's Under the Hood?



The Atlas Performance Engine combines the best open source has to offer and our own engineering expertise in unstructured data workflows to keep creative productions running seamlessly all day long. Atlas Performance Engine combines unique and intelligent data-handling capabilities with automation, data integrity, and most importantly of all, blazing-fast speed.

- Customized kernel, services, software tools, and latency-focused system tuning maximizes consistent high performance for large, unstructured datasets
- Adobe Accelerator—our specialized approach to shared caching makes mounting and rendering Premiere projects faster and more efficient, especially for collaborative teams
- Fully inline caching analyzes data in real time to maximize block sizing while inline compression reduces the block footprint on disk
- Automated block-level data promotion from bulk storage to cache tiers maximizes RAM/NVMe utilization, thereby minimizing the capacity and cost requirements to achieve low-latencies and high performance
- Intelligent prefetching accelerates data access by promoting data to the system cache, then automatically predicting and serving up the most popular, requested data
- Provides All Flash Array performance in a hybrid (HDD/NVMe) solution, which significantly reduces total cost of ownership and scaling
- Algorithmically monitors data usage to automatically pin hot data to caching tiers



Features and Benefits

Software Feature Bundles

Atlas now delivers three software bundles with pre-packaged features and capabilities that meet different workflow and business needs. These bundles were strategically designed after thorough consultation with customers like you to understand your creative workflow challenges, such as the need for continuous productivity and seamless collaboration, along with the agility required to make profitable business decisions. This is why we've made it easier for you to move between different bundles; just choose the feature package that makes most sense for you.

Atlas Essentials and Atlas Comprehensive were made available in Atlas software version 2.8. Atlas Professional was made available in Atlas software version 2.9.

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ESSENTIALS

Our most scaled-down bundle designed with smaller creative teams, remote locations, and specialty workflows in mind. These groups need speed and accessibility just like their enterprise counterparts, but without the added costs that come with capabilities designed for enterprise workflows. And, when they're ready to grow, Atlas Essentials becomes a great jumping off point to more robust feature sets. We've even created a new scalable hardware architecture, specifically designed to bring out the full performance of Atlas Essentials, all available through select M&E-focused systems integrator partners.

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PROFESSIONAL

Atlas Professional introduces popular enterprise-class capabilities not available in Atlas Essentials, such as Active/Passive High Availability (HA), Containerization, NFS over RDMA (NFSoverRDMA), and Single Pane of Glass (SPOG) administrative view—all at an ideal price point to serve mid-market creative budgets and evolving, semi-complex workflows. Known as our Goldilocks bundle, this is just right for mid-sized organizations that have dedicated creative teams that work with a fragmented network of external production teams. Available currently on several Ultra hardware options.

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COMPREHENSIVE

Our flagship bundle designed for enterprises dealing with resource-intensive workflows. These organizations can be highly distributed both in the location of their content as well as the geographic distribution of their creatives, so enterprise features and capabilities are an absolute must.

To tap into the full spectrum of enterprise capabilities, you can select from several Ultra hardware options and—in the near future—a variety of fully certified third-party hardware options.



Features & Capabilities

We have three Atlas composable feature bundles to choose from that fit the workflow requirements and budgets of creative teams of all sizes. Contact us to choose which one is right for you. Check out <https://opendrives.com/atlas/pricing/> to learn more.

Feature	Atlas Essentials	Atlas Professional	Atlas Comprehensive
Unlimited Capacity	✓	✓	✓
Local Pools & Filesystems	✓	✓	✓
Network Sharing (SMB and/or NFS)	✓	✓	✓
Local Users/Permissions	✓	✓	✓
Atlas Performance Engine	✓	✓	✓
Advanced Checksums for data integrity	✓	✓	✓
Boot Environment Rollback	✓	✓	✓
Routines Engine	✓	✓	✓
Local Snapshots	✓	✓	✓ +Remote Snapshots
Analytics & Diagnostic Tools	✓	✓	✓
SMTP Notifications	✓ SMTP Email	✓ +Enhanced Notifications (Webhook, Twilio)	✓ +Enhanced Notifications (Webhook, Twilio)
Deployment Wizard	✓	✓	✓
Active Directory/LDAP	✓	✓	✓
NFS over RDMA (NFS over RDMA)	✗	✓	✓
Active/Passive High Availability (HA)	✗	✓	✓
Containerization	✗	✓	✓
Single Pane-of-Glass (SPOG)	✗	✓	✓
API Access	✗	✗	✓
Mount Manager	✗	✗	✓
Scale-Out PDFS	✗	✗	✓ Requires add. services. Contact Sales for more info

Licensing

Our new licensing model makes it convenient to acquire Atlas either on an annual basis or with attractive multi-year contracts. We can help you find the model that works best for your budget. All Atlas bundles are priced on a per-controller basis (except in High Availability configurations where we do not require an additional license for the standby controller).

Unlimited Capacity

Another way we're trying to disrupt the storage industry is to eliminate "gotcha" pricing when you want to expand your capacity. We find that upcharging for software when you simply need to accommodate more content is unnecessary. All Atlas bundles come with unlimited capacity per controller, meaning you can add another 500 TB or even 2 PB without additional software fees, up to the capacity limits of your storage hardware. As your workload continues to grow, Atlas' unlimited capacity brings you the peace of mind that comes with predictability.

