



THE STEADMAN CLINIC
OUTPERFORMS WITH

**FAST, FLEXIBLE
ENTERPRISE STORAGE**

open
DRIVES

The Steadman Clinic, a leading sports medicine and orthopedic surgery treatment facility, had just gone through a major networking infrastructure overhaul. Their reliance on Cisco paid dividends with the implementation of the networking and converged computing solutions. This overhaul really set them up for an infrastructure that would outperform well beyond their needs.

When it came down to the storage component, they initially were forced to experiment. They tried several leading storage vendors, but none of them could offer an acceptable level of performance or the right level of interoperability with their key medical imaging platform (PACS). Without a robust and scalable enterprise storage solution, no part of their overall IT infrastructure would be able to outperform. It would be anemic at best, and physicians and other users would have their critical work impeded.

The Challenge

Among the nation's advanced sports medicine clinics, The Steadman Clinic is one of the leading treatment facilities for sports medicine and orthopedic surgery. They are experts at both the diagnostic and treatment phases of sports

and orthopedic medicine. Of course, advanced diagnostics these days depends on ultra-fast, ultra-detailed imaging, which is highly resource intensive.

The Steadman Clinic is very forward-leaning, always on the bleeding edge (no pun intended) of implementing the newest and most effective programs, techniques, and tools emerging out of current medical research. To be clear, their focus is always first and foremost on the patient's condition, treatment experience, and positive outcomes.

Overhauling their network was successful, and they were happy with the updated networking components. Storage, however, was falling flat with little or no performance increases commensurate with their investment in networking capabilities. The Steadman Clinic tried several leading storage vendors, but none of them could offer the requisite performance or the right level of interoperability with their key medical imaging platform (PACS). After those failed attempts with other storage solutions, The Steadman Clinic was losing hope fast. Like a finely tuned athlete, they wanted to outperform, but their infrastructure held them back.

“**After trying several different storage solutions, we thought that increasing performance was not an option. Then we installed OpenDrives, and we were literally able to set it and forget it.**”

Ben Boese
IT Director | Steadman Clinic





The Solution

Being introduced to OpenDrives was a matter of a single text message referral encouraging the team to check out OpenDrives. What struck the people at The Steadman Clinic was the positive approach that OpenDrives took toward listening to their needs, assessing the situation, and coming up with the right technical solution with the highest level of customer service. Like the clinic itself, OpenDrives puts an emphasis on the customer's experience first. The initial step was building on that shared business philosophy.

The Steadman Clinic implemented an OpenDrives hybrid flash (SSD/HDD) enterprise NAS storage system—powered by Atlas, our intelligent data management software platform. This solution combined powerful yet cost-effective HDD technology with flash drive technology. It is the perfect enterprise solution for The Steadman Clinic, as it balances fast throughput for PACS (Picture Archiving and Communication System) and their BioMotion diagnostic lab. As a result, Steadman now realizes accelerated performance with a cost-effective price point, reliability, and scalability with consistent and accurate data. They can take full advantage of OpenDrives' simple yet flexible architecture as they grow their clinic.

The Experience

By implementing our storage solution, The Steadman Clinic was able to stabilize their storage infrastructure and also improve transfer speeds and throughput without sacrificing data integrity, which is critical to diagnostic workflows. Moving their PACS onto the OpenDrives platform was successful, resulting in over 30 TB of images safely residing on the much faster hybrid enterprise solution. Another objective which was successfully accomplished involved migrating their advertising and marketing footage onto OpenDrives systems, much of which was distributed across many different storage disks. OpenDrives now underpins nearly all of their video-based workflows from diagnostics to marketing.

The collaboration with The Steadman Clinic will not end there. With a growing reliance on high-resolution footage to help in the diagnostic process, their workflow begins to resemble those carried out in a post-production facility for the media and entertainment industry. Those workflows are demanding from a performance perspective, but with OpenDrives ready and willing to advise, consult, and then implement the right solution, The Steadman Clinic will continue its evolution as a premier high tech medical facility.

And just like the elite athletes they work with and put back into the highest levels of activity and competition, The Steadman Clinic can now enjoy being far out front, outperforming on a championship scale with storage that's simple, flexible, and scalable.



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