

# Diskeeper® Benefits at Universities



## Gregory J. Dilalo, The State University of New Jersey

We operate a mixed architecture OpenVMS cluster comprised of Alpha and Integrity servers. We run Diskeeper on one of the Integrity nodes to maintain low fragmentation on each node's local host-based system shadowset via MSCP and on a 30 TB EVA 6000 fibrechannel SAN. Diskeeper maintains our 40 virtual disk volumes each under 2% disk fragmentation at all times. Diskeeper is totally automated and requires no administrative intervention.

This system is primarily an e-mail MTA and file repository serving 1500 faculty and staff. We also run a number of database applications using information builders WebFocus product. We also run 3 different web servers on the cluster.

Diskeeper not only improves the performance of our system delivering mail files to users via imap and pop, but also greatly enhances the speed of our content scanning operations for spam and viruses. Our databases remain responsive for fast query and report generation results.

Another important contribution of Diskeeper is the accelerated speed of our backup operations due to minimal fragmentation related latencies. The data is able to stream at near optimal levels.

## John M. Morris, Drexel University

Its bad enough worrying about MS patches, system crashes, viruses, worms, and all the other things that can bring your desktop down. We invest significant dollars to purchase anti-virus protection, system backup protection, registry protection, anti-spyware, and the like. We invest significant amounts of time in managing all of the above. Stability and performance is king, and that means the health of our storage is just as important as the health of our operating systems (that are, of course, stored in our electronic storage).

Defragging the HD is like allowing a runner to take the shortest path to the finish line rather than having to zigzag from side to side along some circuitous path. In the end, one runner is exhausted and hot, while the other is cool, calm and collected. It only makes sense to keep the technology that all the system depend on as healthy as possible.

I do admin tasks (MS office kinds of stuff), programming (PERL, Pascal, Python, PHP, ...), I do audio and video editing, web-site development, lots of software testing, podcasting, vodcasting, training, to name a few.

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