

## Nominee: DataCore Software

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### Nomination title: DataCore Changes the Storage Landscape with it's Parallel IO Technology

There can be few developments as significant in 2016 as the series of announcements that DataCore made that changed the landscape of server and storage technology forever. This SVC nomination illustrates how, by harnessing the power of parallel IO technology on standard commodity server, DataCore's software defined platform dramatically lowers data centre latency. DataCore's™ Parallel I/O technology and performance gains were tested and proven with a series of rigorous SPC-1 testing regimes throughout the year (Storage Performance Council) which caused shock waves across the storage industry. The last performance benchmarks showed that on a pair of standard Lenovo servers connected by Fibre Channel to 12 external hosts, DataCore achieved a remarkable 5.1 million (5,120,098.98) SPC-1 IOPS™ in their last Storage Performance Council's SPC-1™ benchmark. This result catapulted DataCore to number one on the SPC-1 list of Top Ten by Performance, faster than the previous top two leaders combined but at a fractional cost. The impact of Parallel I/O technology has massive implications for I/O processing throughput - dramatically impacting overall performance, database transaction mining times and access to critical applications.

### Why nominee should win

- \*Parallel I/O technology opens a new era of I/O and storage architecture using commodity servers
- \*Affordable price-performance and lower operating costs enable a much broader set of customers to tackle high-performance and I/O-intensive problems such as data analytics and large scale databases within their budget and space constraints
- \*fractional price performance overhead - less than 7 pence per SPC IOP