

Our testing found that using new Dell EMC™ servers, Toshiba Memory SSDs, and Microsoft® software in both Windows® and Linux® environments can yield big performance gains versus legacy hardware and software



# Support more customers and gain business insights faster

## ON WINDOWS

Dell EMC PowerEdge™ R740xd server with Toshiba HK4R Series 6Gbit/s Enterprise SATA SSDs, running Microsoft SQL Server® 2017 Standard Edition on Windows Server® 2016 Standard

vs. legacy PowerEdge R720xd server with previous generation drives and software

## ON LINUX

Dell EMC PowerEdge R740xd server with Toshiba HK4R Series 6Gbit/s Enterprise SATA SSDs, running Microsoft SQL Server 2017 Standard on Red Hat® Enterprise Linux® 7.5

vs. legacy PowerEdge R720xd server with previous generation drives and software

### BUSINESS ANALYTICS DATABASE WORKLOAD

Reach data insights quicker



90% faster query times



92% faster query times

Improve response times



99% lower drive read latency

Learn more at <http://facts.pt/rviwgy>



99% lower drive read latency

Learn more at <http://facts.pt/1s0pmi>

### TRANSACTIONAL DATABASE WORKLOAD

Support more customers



Nearly 7x as many orders per minute



6x as many orders per minute

Reduce user wait times



88% lower application latency

Learn more at <http://facts.pt/ctNcYN>



85% lower application latency

Learn more at <http://facts.pt/ok72p5>



Dell EMC PowerEdge R740xd with Toshiba HK4R Series 6Gbit/s Enterprise SATA SSDs

Learn more about the benefits of Dell EMC PowerEdge servers with Toshiba SSDs at: [storage.toshiba.com/Dell](http://storage.toshiba.com/Dell)