



# Seagate Gold Sponsor Presentation TERATEC Forum 2015 – 10<sup>th</sup> Anniversary

Derek Burke | Sales Director SSG EMEA | June 23, 2015





**ClusterStor™**

**Cloud Data Protection**  
(serving 43,000 businesses)

Leading flash, controller and PCIe flash capabilities

Combining the innovation and expertise of both companies

**xyratex**

Leading storage systems manufacturer  
(17+ Exabytes shipped)



**Additional Systems & Solutions Addressing Scientific & Technical Data Workflows**

Open Source Software  
*Lustre & others*

COTS Software  
*EVault & others*



Stores 40% of world's data with over 2,000,000,000 drives shipped

# ClusterStor™ Engineered Solutions



Supercomputing

- HSM-Ready
- DNE Support

ClusterStor™

9000 | lustre



Divisional

ClusterStor™

6000 | lustre



Departmental

ClusterStor™

1500 | lustre

- High speed networking (IB/40GB/e)
- Lustre parallel file system
- Data protection
- High availability
- Flash optimization
- File system (Ext4)
- SE Linux OS
- BIOS/IPMI
- GEM diagnostics
- Custom embedded server
- Xyratex storage platforms

lustre

ClusterStor™

Secure Data Appliance



lustre

ClusterStor™

Hadoop Workflow Accelerator

New ClusterStor Product Being Announced at ISC'15

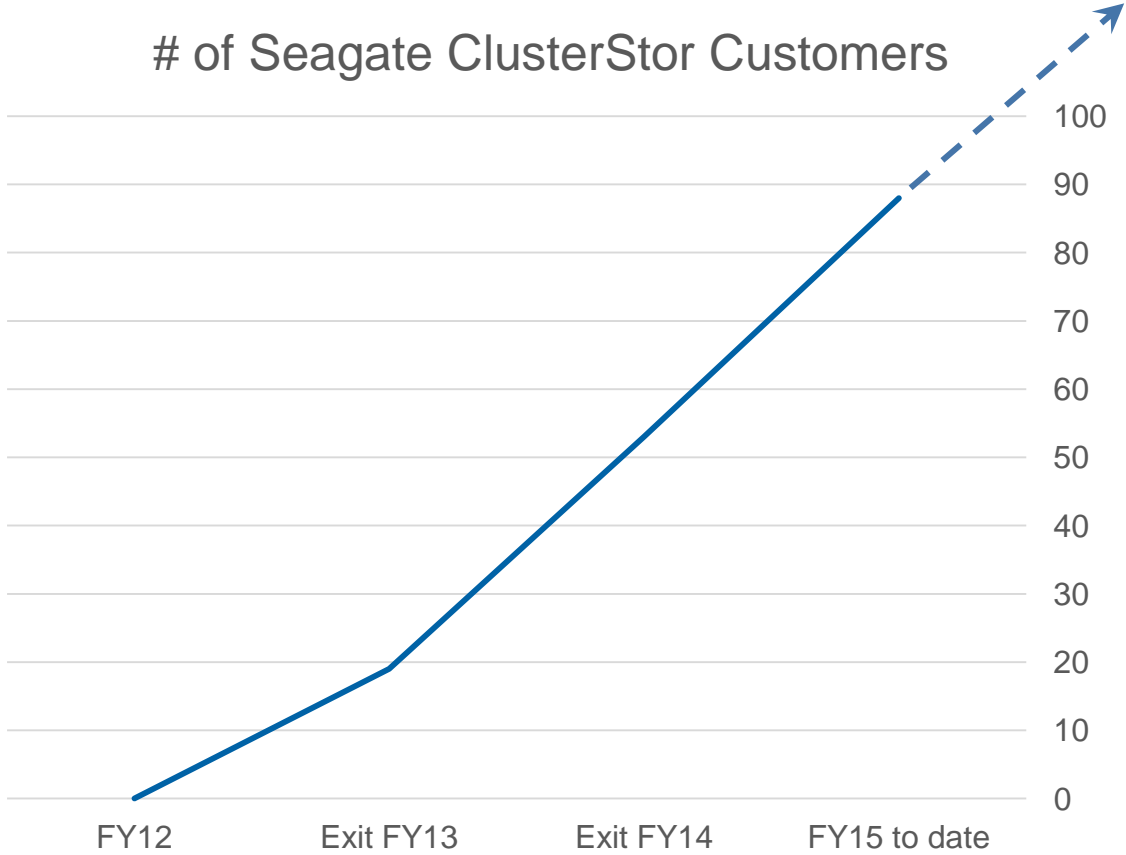


ISC

High Performance

The HPC Event.

# of Seagate ClusterStor Customers



**Strong New Customer Growth for Seagate ClusterStor**

**4 out of 5 Petabyte/Sec+ Customers Have Chosen Seagate**

**ClusterStor™**



- Major Design Win for ATOS and Seagate
- 3-petaflop bullx supercomputer with 45PBs Seagate ClusterStor
- Over 1TB/sec file system performance
- LUSTRE 2.5 (DNE Support)
- Phase 1 installation finalizing in June 2015



***“The ClusterStor solution provided the best performance density and, therefore, was the most efficient high-performance storage offering for our environment”***

**Thomas Ludwig, Director of DKRZ**

***“Improved observations, science and modeling will deliver better forecasts and advice to support UK business, the public and government. It will help make the UK more resilient to high impact weather and other environmental risks.”***

**Rob Varley, Met Office Chief Executive**



- £97 million Cray XC40 supercomputer with 20PB SONEXION storage (powered by Seagate)
- 1.5TB/sec file system performance
- LUSTRE 2.5
- Estimated to deliver £2 billion in socio-economic benefits between 2016 and 2020





- ClusterStor Manager**
- High-Speed Networking
  - Parallel File System
  - De-Clustered RAID
  - High Availability
  - Flash Optimization
  - File System (Ext4)
  - Linux OS
  - BIOS/IPMI
  - Enclosure Management
  - Custom Embedded Server
  - Seagate Storage Platforms
  - Seagate Disks



# ClusterStor™

## End-to-End Engineered Solution Benefits:

Balanced Performance with >40% Better IOR Throughput per Drive

Predictable Performance at Scale  
Management Simplicity

Simple Single Vendor Support

Robust & Highly Productive

Proven Solution with Leading HPC Providers

# Strategic European Development Partnerships





# More Information?

[www.seagate.com](http://www.seagate.com)

Seagate WWW

<http://log.v-central.com/c/sg>

Seagate Virtual Product Tour

<http://blog.seagate.com/intelligent/>

Seagate Intelligent Infrastructure Blog

[ssg.sales.emea@seagate.com](mailto:ssg.sales.emea@seagate.com)

Local Sales & Pre-Sales Technical Team

