

What's the definition of a heatsink for a hot journalist? Answer: the local boozier

Hardware

## Seagate teams with CERN Openlab to help manage Large Hadron Collider data

Kinetic Open Storage restructures traditional storage server architectures to handle masses of data

By **Carly Page**

Tue Mar 17 2015, 13:14



**STORAGE VENDOR** Seagate has inked a three-year partnership with CERN Openlab to help better manage and store the masses of data generated by the Large Hadron Collider (LHC).

The partnership will see the two firms collaborate on the Seagate Kinetic Open Storage platform, which aims to better manage and store the 100 petabytes of

data [the Large Hadron Collider - which can be explored on Google Street View](#) - has generated to date.

It will also help to manage the the additional two to three petabytes of data it produces on a monthly basis.

Alberto Di Meglio, head of [CERN Openlab](#), said: "CERN creates a truly astonishing amount of data on a daily basis, and finding secure and efficient ways to store that information is one of the most important challenges we face.

"We are excited to collaborate with Seagate on understanding how the Kinetic storage architecture could potentially contribute to the CERN infrastructure and aid the very demanding LHC programme, by reducing complexity and operational costs in our storage systems."

Seagate says that the Kinetic Open Storage platform is capable of handling such huge amounts of data because it restructures traditional storage server architectures from the bottom up, connecting object-oriented applications directly to the storage device.

The firm adds that it also improves performance and cuts cost by 15 to 40 percent, by canning some of the many layers of hardware and software used in traditional stacks.

Scott Horn, vice president of marketing at Seagate, said that, thanks to its partnership with CERN, it will be able to further boost its Kinetic Open Storage platform.

"This is a thrilling opportunity for Seagate to collaborate with CERN to more efficiently operate one of the most extreme and demanding storage environments in the world.

"We believe our partnership will not only deliver extensive benefits to CERN's large-scale storage system, but also help us further enhance the Seagate Kinetic Open Storage platform by testing it in an unparalleled data creation environment."

As part of the partnership, Seagate will also cast its eye over CERN's EOS storage system to determine whether there are opportunities to enhance and improve it.  $\mu$

Most read

Most commented

Most watched

- » [Apple Watch release date, price and specs](#)
- » [BT, Sky and TalkTalk named the UK's worst ISPs](#)
- » [Galaxy S6 specs, release date and price](#)
- » [BlackBerry makes tablet market return with help from IBM and Samsung](#)
- » [Galaxy S6 vs S5](#)

### Subscribe to INQ newsletters

Sign up for INQbot – a weekly roundup of the best from the INQ

 First Name

 Email Address

SUBSCRIBE

[More newsletter options](#)

### INQ Poll

#### MWC poll

What were you most excited about from all the Mobile World Congress announcements?

- Samsung Galaxy S6
- HTC One M9
- Qualcomm fingerprint scanner
- Intel Edison-powered beer pump
- Pebble Time Steel smartwatch
- HTC Vive VR headset
- Huawei Watch

» [View other polls](#)

Vote

Follow the INQUIRER

Follow @INQ

[Харесва ми](#)

[Follow](#)

502

[Comment on this article](#) | [Flame Author](#) | [Print](#)

Tags: [Hardware](#)

Share this:

## Related articles



Top 10 Google Chromecast apps you should install



iPad users are frustrated, says Microsoft's Bill Gates

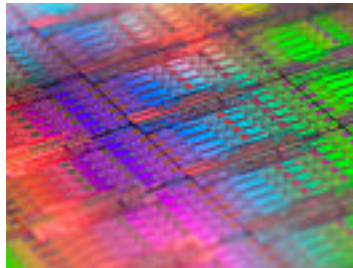


SSDs can last much, much longer than manufacturers say



Facebook scares Cisco with 6-pack network switch platform...

## Sponsored stories



New Intel Platform Rich with Transformative Features (CIO)



How the Term 'Cloud' May Successfully Disappear (Hybrid Cloud Forum)



Pebble launches new smartwatch exclusively on Kickstarter (The Verge)



iPhone 6 is NOT TOO Big for Women (Part 2) - ecoustics.com (eCoustics)

Recommended by Outbrain

[< Previous article |](#)

Home

News

Reviews

Video

INQdepth

Jobs

Downloads store

Debates

App



© Incisive Business Media (IP) Limited 2015, Published by Incisive Business Media Limited, Haymarket House, 28-29 Haymarket, London SW1Y 4RX, are companies registered in England and Wales with company registration numbers 9177174 & 9178013


### Site Credentials:

[About us](#) | [Terms & Conditions](#) | [Self Service Advertising](#) | [Privacy policy](#) | [About Incisive Media](#) | [Sitemap](#)

### Follow us:

[Youtube](#) | [Twitter](#) | [Facebook](#) | [LinkedIn](#) |

### Business & Technology websites:

[Technology](#) | [Reseller Channel](#) | [IT News](#) | [Information Science](#) | [Search Engines](#) | [Online Marketing](#) | [Trading Technology](#) | [Technology for the Sell Side](#) | [Buy Side Technology](#) | [Find Chartered Accountants](#) |

### Business research resources:

[B2B Web Seminars](#) | [Business Technology Video](#) | [Whitepapers](#) |

### Products:

[Software Reviews](#) | [Hardware Reviews](#) | [Download Reviews](#) |

### Investment Market IT websites:

[Investment Technology](#) | [Trader IT](#) | [Financial IT Intelligence](#)

### Find out what you are worth:

[Salary Calculator](#) |

### Search for a job:

[IT Jobs](#) | [IT Job Search Engine](#) | [Computer Hardware Jobs](#) | [Job Search Engine](#) | [Recruitment Agency A-Z Directory](#)

### Accreditations:



Digital Publisher of the Year 2010 & 2013 |

