



# STORAGE VISIONS® 2015

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AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



**Chris Bross, Chief Technology Officer, DriveSavers Data Recovery**

## **TITLE**

**Up, Up and Away! Helium, SMR and new high capacity HDD challenges in the Data Recovery Lab**

## **ABSTRACT**

The capacity ceiling has been shattered in the HDD market in 2014. In the past year we have seen the release of new technologies that are doubling the capacity of HDD from 4TB to 8TB and beyond. Helium (HelioSeal) filled drives from HGST and Shingled Magnetic Recording (SMR) technologies from Seagate have changed the game for storage hungry consumers and data centers alike. And they have changed the game in the data recovery laboratory as well. New proprietary techniques have already been developed to deal with the complexities and challenges of these new and very different storage technologies. But it will only become more difficult as density and capacity continue to increase. In this session we'll get down and dirty into the details and explore the capabilities that a data recovery lab can provide when a Helium or SMR does fail and data is lost.

## **BIOGRAPHY**

Chris Bross is the Chief Technology Office at DriveSavers data recovery. Since joining DriveSavers engineering team in 1995, Bross has recovered data on all types of failed storage devices. Today he manages the R&D team for emerging storage and solid-state devices, and guides the development of new tools and technologies for the data recovery lab.