

Select the "Right Mix" of HDD characteristics that gives you the most optimal solution



## Data Growth, Areal Density and HGST's Response

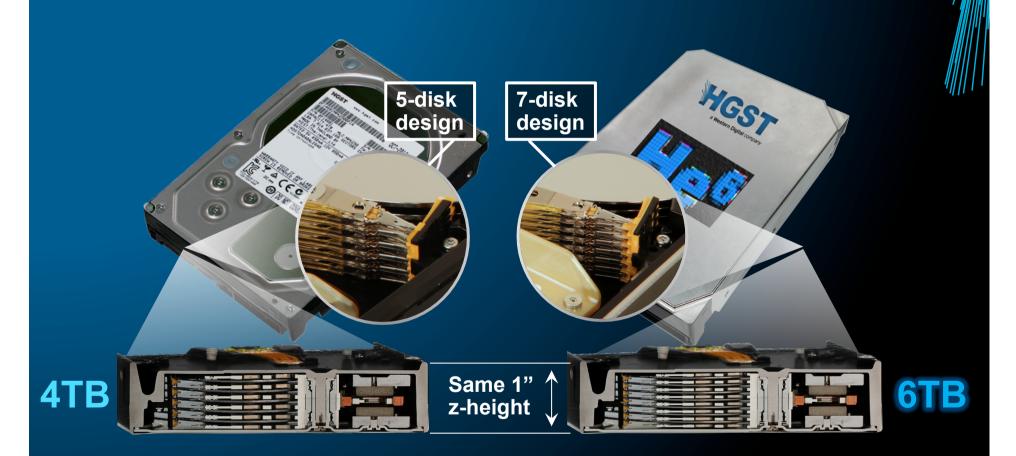
## HDD Component Usage Dynamics EB **Exabyte Demand versus Areal Density Growth** 5,000 4.000 35% CAGR -Gap 3.000 HDD Exabyte Outlook: 2,000 25-30% CAGR HAMR 1.000 Areal Density Progress: 15% CAGR 0 2012 2013 2014 2016 2017 2018 2020 2015 2019

Average head and disk count per drive must continue to increase



## Air vs. Helium:

Same Form Factor. Exponential Difference





## Understanding HelioSeal Technology

