



“ Insanity: doing the same thing over and over and expecting different results.”

This quote by Albert Einstein is best exemplified in the world of data storage. The inability of 15k RPM spinning disk storage to accelerate the flow of data fast enough represents a significant challenge for enterprises today.

With the proliferation of virtual desktops, an alternative to HDDs is no longer a “nice to have” but rather a requirement. A virtual desktop infrastructure offers dynamic flexibility, portability, and security. However, virtual images are extremely I/O intensive, beyond the speeds that legacy storage can accommodate. The design focus is more on overall speed and less on storage capacity.

Eco-Impact

Solid State vs HDD

- 180 Watts vs. 667,000 Watts
- Carbon Footprint per year
 - 245 lbs CO2- 60w Light Bulb
 - 646.8 lbs CO2- 1 Racerunner
 - 232,800lbs CO2- 1 Hard Disk Drive Rack
- UNPARALLELED virtual desktop scalability in only 2U!

As illustrated in the example below, it is extremely difficult for enterprises to realize a compelling ROI/TCO in a virtual desktop scenario built on traditional HDD storage.

Total Cost of Ownership: 3-years, 5,000 Seat Virtual Desktop Deployment

The average fully loaded virtual desktop image consumes 20 - 40 IOPS. A standard hard disk array can accommodate approximately 2,500 IOPS . At an intimidating 150,000 IOPS, the Racerunner Virtual Desktop XLR8r offers enterprises true performance and scalability.

