Skyera Wants to SWaP Storage

Written by Marco Attard
03 October 2013

Skyera proposes a new means to decide how enterprise-appropriate solid-state storage options actually are-- Size, Weight and Power, Performance, Plug-and-Play and Price, aka SWaP4.

Based on the US military formula for the reduction of size, weight and power (SWaP), the Skyera proposal claims to deliver a "reliable" means of determining the most ideal flash solution fits a particular application.

SWaP4 evaluates storage purchasing criteria on multiple factors (operating cost drivers, performance requirements, ease of deployment, acquisition costs) instead of just the one a vendor may decide to emphasise, allowing customers to make apples-to-apples comparisons of various solutions.

For example, the SWaP4 metrics for the skyHawk 44TB capacity solution are as follows:

- **Size:** 0.5 rack units
- **Weight:** 9.07kg
- **Power:** 350W
- **Performance:** 500000 IOPS
- **Plug-and-Play:** 10 minutes to deploy
- **Price:** $2.99 per GB

In turn, companies looking to "SWaP" current storage for an SSD option can compare the above criteria with what is currently in use before making additional acquisitions.

Skyera Wants to SWaP Storage

Written by Marco Attard
03 October 2013

"We hear a lot of excuses from companies about why they aren't ready to implement solid-state storage, with the most-frequently cited excuse being confused as to what the technology can actually do for them due to vendors overemphasizing one particular facet while downplaying the importance of several others," the company says. "By introducing the SWaP4 criteria, we are empowering enterprises with a valuable tool to alleviate the confusion they may be facing, with key metrics that all vendors should be able to supply. By thoroughly understanding how each solution stacks up against competitive offerings, customers will no longer be in the dark as to what specific solid-state technologies provide."

Go [Skyera Provides Comparative Criteria to Help Enterprises "SWaP" Disk-Based Storage for Solid State](#)