## StellarFlash Hybrid

StellarFlash Hybrid arrays transforms commodity hardware into powerful and flexible storage systems offering enterprise class data services. Through Smart Cache, StellarFlash Hybrid arrays elastically adjusts the solid state disks (SSD) and hard disks composition based on demand, optimizing use of resources to maximize performance.

Powered by the ProphetStor’s flash optimized platform, StellarFlash Hybrid arrays offer a unique bridge between performance and capacity through its dynamic hybrid storage pools. With the StellarFlash Hybrid array, offer high performance digital business services without the upfront cost.

* [**Text Hover**](http://www.prophetstor.com/stellarflash-hybrid-2/)

Key Features

###### Smart Caching

Based on ProphetStor’s patent pending Smart Cache technology, StellarFlash Hybrid arrays automatically utilizes predictive analysis of IO operations to dynamically design an optimized composition of SSDs and hard disks based on workloads, making it more than 45% more efficient than hybrid storage solutions.

###### Data Protection

As businesses come to rely on StellarFlash Hybrid arrays for its mission critical data, StellarFlash Hybrid arrays offers unrivalled data protection technologies built in. With high availability, snapshots and replication, StellarFlash Hybrid arrays protects your investment against hardware, software and site level failures.

###### Optimized Storage Utilization

StellarFlash Hybrid includes native deduplication and compression technologies that makes efficient use of space, reducing the storage footprint dramatically. Together with Smart Cache, savings of over 90% can be achieved, making the StellarFlash Hybrid arrays a truly unique value proposition.

###### Faster Deployment

StellarFlash Hybrid Arrays includes a web based interface for centralized management of the entire storage environment through a single pane that simplifies and speeds up the process of deployment in data centers. In addition, StellarFlash Hybrid arrays include feature rich REST APIs for integration, allowing for rapid provisioning of resources for workloads.