



## How Kingston helped lower data center power costs by 60%

Hostmein is a Greek-registered ISP that offers cloud and data center services. Hostmein operates its own infrastructure in Greece serving customers in EMEA and beyond. It is the first company to provide cloud web-hosting services in the Greek market. It develops cutting-edge technology on privately owned Dell Enterprise PowerEdge Servers in cloud data center within the GR-IX network, offering IP and SSD storage services at cost-effective rates. It has developed a dense network and provides services to data centers around the world.



## The Challenge

Hostmein offers a 24/7 service with maximum SLA uptime to its customers and wanted to ensure it could sustain this level of service. Its existing Dell and HP server infrastructure was based on high-RPM mechanical HDD storage. To keep its best-in-class service offering whilst also remaining competitive, it needed a reliable performance solution for its Dell and HP servers. As such, it identified that it would need to upgrade its server's storage from HDD to full SSD for direct attached storage and for its software-defined storage applications. It needed an SSD solution that was compatible with its current Dell and HP Server infrastructure. It also needed a cost-effective solution as it found OEM server SSDs were 33% more expensive than other SSD manufacturers. Another critical aspect was data security, as SSDs cannot leave the facilities without being physically destroyed, which most of the hardware vendors would not offer as a service if a replacement were required.



Ask an Expert

## The Solution

Kingston offered a full technical review process and provided a solution based on its hardware with our [Ask an Expert](#) service.

Kingston sent proof-of-concept DC500 SSDs to allow Hostmein to test in its own infrastructure. Kingston's DC500 SSDs were compatible with the Dell and HP Servers that the company is currently operating and they performed well. Kingston actively engaged with Hostmein's case. One of the field application engineers worked closely with Hostmein's Chief Technology Officer, Alexander Stamatis, to ensure a smooth, successful transition and to help comply with specific security needs.

## Outcome

By replacing its high-RPM mechanical HDDs with [Kingston's DC500 SSD](#), Hostmein reduced its overall server TCO and lowered its data center power cost by 60%, which also helped towards its environmental initiatives.

Hostmein accomplished its main goals by improving its database and overall performance of its systems, achieving higher utilisation of the Kingston DC500 SSD powered servers, and streamlining its logistics operations as it only requires Kingston spares on site. This has helped Hostmein add value to the services it offers to its customers.

Hostmein's plans for expansion will continue with Kingston's support. It is looking forward to our new Kingston data center SSD solutions.

