ZenSar

# Cloud Migration for Education Services Company

**Introduction:**

Zensar has partnered with a technology services provider whose client develops education services for their customers including reading, learning, assessment and evaluation tools. The client is based in the United States and has multiple data centers spread across the globe.

These data centers were hosting heterogeneous IT infrastructures being managed in silos. Monitoring and managing was becoming tedious and lack of centralized management resulted in unplanned business outages. The client also wanted to eliminate their legacy systems and reduce operational costs. For this, they were looking for an optimized IT infrastructure that would provide them with the most optimal business value in terms of system availability, agility, scalability and performance.

The challenges being faced included – cost reduction, variety of platforms and application complexities, technology upgrade, modernization and optimization, centralized monitoring and control of the consolidated environment, consolidation of assets and services at OS, storage and database levels, SLA driven services to customers, and a complex global IT environment.

**Solution Overview:**

The tools used included – Hypervisors – Vmware, Xen, Hyper-V; OS – RHE Linux, Windows, Solaris & other Linux flavors, middleware components on both *NIX and Windows, databases – Oracle, MS-SQL, MySql, storage – EMC, NetApp and many other proprietary SAN/NAS.

Zensar designed a solution for the migration of all services from existing in-house data centers to the private cloud. The solution included cloud assessment, migration, methodology, standards, processes and policies that best suit the customer's IT environment.

Zensar's value add included the following – Dual shore handling of the customer communication for the entire lifecycle – from requirements to data center cut-over, parallel execution of various data centers and applications as per formalized groupings, and continuous status updates and discussions for fast decision making on choosing the new platforms and environments.


**Business Outcomes:**

Zensar has designed a cost effective solution to address all of the client's requirements resulting in the following benefits:

- Cost reduction by consolidation
- Upgradation and migration to current platforms from older, outdated platforms
- One service provider for all IT services
- SLA-driven services
- Single source of monitoring and management
- Better performance for applications