

# Choice Case Study

## NAS Solution for Indian School of Business

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## Project Background and Challenge

### Storage Solutions

Indian School of Business was planning to implement a storage solution for their end users access as well to host some small servers. The environment is a heterogeneous environment where Windows and UNIX operating systems are involved with databases like SQL and Exchange. Few of the servers were hosted on a IBM SAN box which is running with expired life. So they procured this storage box which can take care of some data part from the IBM SAN and more space required for their user data. The data includes personal data like files and mails presentations downloaded data of each and every student data, employee's data, and faculties data including directors. Backup of all these data also should be stored in the same box. The data should be available 24/7 and 365 days. The solution needs to be scalable and performance should not be degraded. The cost of the solutions is critical and considered in all aspects.

## Choice Role and Solution

### HP AiO600

The team of Choice Solutions Ltd. in conjunction with the ISB technical teams worked closely for this project. This was to make it possible that the solutions provided would overcome the limitations and support for the environment. Then finally we suggested HP AiO600 to deploy on their environment as a dedicated file server which can take care of hosting the data of every student data, employee's data, and faculties data including directors as well as the backup of the folders through a desktop backup software. Also we have created some iSCSI LUNs to be present for SQL data bases for block level hosting through IPSAN.

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*HP AiO600, as  
dedicated file server.*

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MSA 20  
HBAs SCSI Controller

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## Key Solution Components

Hardware : HP AiO 600  
Additional : MSA 20  
HBAs SCSI Controller

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*This architecture avoids the dedicated file server requirement as well as avoids the cost involvement in hosting the database server for a block level on a SAN Storage Box.*

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## Client Benefit

This architecture avoids the dedicated file server requirements as well as avoids the cost involved in hosting the database server for a block level on a SAN storage box. Integration with the existing architecture will provide the security measures that are available for normal windows administrators. So every one's data can be protected from others to access. The scalability of the product will increase the capacity of the storage and the communication. Comparatively with other solutions it is very cost effective and user friendly on administration.

## About Choice Solutions

Established in 1991 Choice Solutions Ltd. is a leading IT and Facilities solutions provider. Choice Solutions Ltd. business comprises of Six different practices, namely

### IMS

- Desktop, Server, Network, Storage, Support, OS, Assets, Apps, Non IT
- Hardware - A-Add, M-Modify, I-Install, C-Change, R-Repair
- Assets, Security, Software Distribution, Upgrades

### Networking

- Packaged Services Monitoring & Management
- Products, Security, Design, Deploy, Maintain
- Auditing & Compliance, SOC

### Datacenter

- DC Audit, Monitor & Manage, Training
- Assess, Design, Built, Deploy, Disaster Recovery

### Consulting

- Business Consulting, CIO & Technology Services, Physical Security, Power Devices, IT Consulting
- DC Consulting, ERP, CRM & Custom Apps

### Cloud Computing

- Cold Site – Backup, Disaster Recovery
- Hot Site – HaaS, Software, Manage
- Public Cloud, Private Cloud, Hybrid Cloud
- CaaS, License Software, IaaS
- Disaster Recovery

### Power

- Power Audit, Equipment Management
- Physical Security, Power Devices
- Power Saving Devices
- Design & Audit
- Renewable Energy Products