

# Choice Case Study

## NAS Solution for Infotech Enterprises Ltd

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## Project Background and Challenge

### Storage Solutions

Infotech was having a SAN storage box which was running out of disk space and the server was not able to fulfill the requirements of file sharing and access. The LUNs of the SAN storage was placed in the DELL server. As well as the project file were also stored in the same place. All the users were connecting to the server for file access. The limitation they were facing was that the data access was limited for the server resources even if the backup end SAN storage box is more powerful and can perform more. The solution that should be provided would leverage the existing storage as well the work load can be shared. The solutions should also support for faster backup as well faster user access.

## Choice Role and Solution

### EMC Celera NAS Gateway

The Choice Solutions Ltd. team in conjunction with Infotech 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 EMC Celera NAS as a dedicated file serving and a Gateway between the EMC Clarrion storage box and the local network. This box will host the files and users can directly access the data from the storage itself as well it will provide an access to users to access the data that is stored in SAN. To reduce the backup windows this NAS Gateway can be connected directly to a FC tape library for faster backups box can directly.

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*EMC Celera NAS as a  
dedicated file serving and a  
Gateway.*

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## Key Solution Components

Hardware	:	EMC Celera NAS Gateway
Add-ons	:	DAE with Fully Loaded

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*Integration with the existing architecture will provide the security measures that are available for normal windows administrators.*

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## Client Benefit

This architecture avoids the dedicated file server requirement as well as avoids the cost involvement in SAN improvement and reduces new server requirements. Integration with the existing architecture will provide the security measures that are available for normal windows administrators. So every project data will be protected and available to access for all. The scalability of the product will let them to 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