

# Choice Case Study

## Backup Solution For BHEL and GE

### Inside This Case Study

The Challenge	1
The Solution	1
The Benefits	1
About Choice Solutions	4

### The Challenge

BHEL & GE were planning to change their backup solutions for their server as their existing backup software was unable to fulfill the requirements of the data security needs.

The environment is a Windows based environment where all the servers are with Windows operating systems. The servers are located in different locations. The challenge in this solutions is, after the new software is installed still the existing software should also work.

When requirement would come then the users should be able to restore the data from old backups taken by the old backup server as such this old software should exist for a period of time. As per the requirements the hardware could also be shared with the software.

## The Solution

### 1. VERITAS Backup Exec

Choice Solutions Ltd. suggested them to change the backup software and architecture to improve the backup window and backup success rate with existing hardware. We also tried to leverage the existing hardware for optimized performance.

Each location should have dedicated backup server software as those locations are having their own tape drives and media. In the corporate office, we deployed the backup software and configured the tape drive with new backup software.

We also took backup of the old server backup catalogs in to another location and with those catalogs, we are able to perform the restoring operations with the current backup software.

### 2. Key Solution Components

*Backup Software:* Backup software is meant for Windows environments and robustness in backup to reduce the backup window.

Software is deployed for backup of two different storages and to access the single tape library as two logically.

## The Benefits

The backup window is automated and reduced. Job success rate is increased with new software.

Integration of the old server backup information allows for restoration of old tapes.

There is no need to maintain the two different instances of the backup software.

All the locations are maintained and controlled by a single location by the Central Administration Console.

## 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