



Solution at a Glance

Design and deployment of an enterprise, multi-platform, multi-site backup management solution for an international cable, broadcasting and telecommunications firm.

Technology Deployed

- Veritas NetBackup
- Veritas Vault Extension
- StorageTek 9710 and 9730 backup libraries
- Sun Enterprise 450 server

**VERITAS™****STORAGETEK™****Sun**
microsystems

*Data Storage and
Business Continuity*

Security

Horizon, Managed IT Services

IP Communications

Network Infrastructures

Business Systems Management

Help Desk "On-Demand"

*Business Solutions
(ACTION, Microsoft Business
Solutions, Oracle)*

Technical Service and Support

IT Outsourcing

Training

Company

The company is an integrated communications company with subsidiaries in telecommunications, cable television, Internet services, television production, broadcasting, electronic commerce, and remote surveillance. The company also owns the largest chain of video stores in Quebec and is a leader in the development of new technologies, thanks in part to its experience with its proprietary interactive TV system. The company has approximately 5,700 employees.

Challenge

The company decided to centralize their open systems backup environment consisting of 2 Terabytes (TB) of data, multiple platforms (UNIX and Microsoft Windows NT), multiple database vendors, several applications, and multiple sites.

Solution

ESI Technologies' Enterprise Data Storage and Information Management Group responded to these issues with an enterprise backup solution using Veritas NetBackup software and StorageTek tape libraries. The main site was configured with a NetBackup Master server on a Sun Enterprise 450 and a StorageTek 9710 tape library with 6 DLT 7000 tape drives and 3 remote sites were configured with NetBackup Masters on an Intel platform and a StorageTek 9730 tape library with 2 DLT 7000 tape drives.

The solution was designed to automate as much as possible the operational functions to reduce operator intervention, particularly at remote sites. The automation of the tape replication, NetBackup catalog backups and offsite management of

cartridges was performed using the NetBackup Vault Extension. This product generates daily reports listing which cartridges are to be sent and retrieved from the offsite location as well as generating a file that was customized to interface with the offsite supplier's database format thus simplifying and accelerating the transfer of cartridges.

Result

The project was managed by ESI Technologies from the start in conjunction with the client, involving the client technical staff throughout the deployment thus ensuring an adequate transfer of technology that was complemented by a configuration document, operations manual and classroom training session for both operators and system administrators. The client has been in production for over one year now with no major problems thanks to the proven reliability of both the hardware and software technologies as well as ESI's extensive experience delivering Enterprise backup solutions.

About ESI Technologies

ESI Technologies is a leading mission critical infrastructure integrator and software solutions developer in Canada. ESI specializes in the development, integration and support of quality IT solutions that ensure the availability, security, management and performance of critical data, applications and networks. As well, ESI develops software solutions tailored to our client's specific business needs and offers integrated business management solutions such as Action, MBS and Oracle. ESI Technologies is headquartered in Montreal, with offices in Toronto and Quebec City.

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