

Kronos Incorporated

Company: Kronos Incorporated

Industry: Workforce Management Solutions

Headquarters: Chelmsford, MA (USA)

Solution

- Complete backup management, monitoring, and reporting with NetWorker and EMC Data Protection Advisor
- Partnered with EMC to deploy integrated solution for upgrade and integration of entire backup environment with NetWorker, EMC Disk Library, and Quantum Tape Library
- Consolidated data center storage and virtualization of servers with CLARiiON[®] CX3 series and VMware[®]

Deployment Environment

- EMC Disk Library 4100, EMC NetWorker, EMC Data Protection Advisor, CLARiiON CX3-20, 80
- Quantum I2000 Tape Library
- VMware, Microsoft SharePoint
- UNIX, Windows

Kronos consolidates backup efforts using tightly integrated EMC solutions

Company Profile

Kronos Incorporated helps organizations effectively manage their workforce. The company delivers integrated software and services that enable organizations to reduce costs, increase productivity, improve employee satisfaction, and enhance the level of service they provide.

Challenge

Kronos needed to address its aging backup infrastructure and multiple point backup solutions with limited visibility into the successes of daily and weekly backups. Reporting on backups was a manual, labor-intensive, and time-consuming process—taking from four to six hours—straining limited IT staff.

Solution

EMC partnered with Kronos to replace its dated tape libraries with an EMC[®] disk-based backup solution. The Kronos team standardized on a state-of-the-art backup solution by deploying EMC NetWorker[®] software to protect 85 terabytes of data. This included new methodologies—disk-to-disk—to an EMC Disk Library 4100 and cloning some of that data to a Quantum I2000 tape library for offsite compliance. Kronos also leveraged EMC Data Protection Advisor reporting software to help ensure that the company adheres to best practices for internal policies and external regulations.

Highlights

- Reduced backup reporting process from four to six hours to just minutes using EMC Data Protection Advisor
- Deployed 122 TB of disk-to-disk online storage with EMC Disk Library 4100
- Upgraded aging tape backup infrastructure with EMC disk-based VTL solution, EMC Disk Library, and Quantum I2000 Tape Library, which combines for 85 terabytes of weekly backups
- Consolidated multiple existing backup applications (Backup Exec and Net Backup as well as HP Data Protector) with EMC NetWorker for complete management of the backup environment.

Results

By leveraging the advanced reporting and analysis capabilities of EMC Data Protection Advisor software, Kronos can provide detailed analysis of the backup infrastructure in a matter of minutes. With the combination of EMC NetWorker, EMC Disk Library, and Quantum I2000, the company has assembled a tightly integrated backup-to-disk infrastructure which enables the company to better protect its data. To further improve backup performance, future plans include using EMC Centera[®] for long-term file system archiving.

“EMC has helped us standardize our backup environment by leveraging EMC NetWorker and an EMC Disk Library 4100. We also use EMC Data Protection Advisor to provide detailed analysis of our infrastructure in a matter of minutes. By consolidating our backup efforts using EMC solutions, we have a more holistic view of our infrastructure, allowing us to be more proactive in our data protection strategy and execution.”

Michael Moran
Sr. IT Systems Manager, Kronos

