

# LEADING MANUFACTURER MERGES COMPRESSION AND ENCRYPTION, REDUCING FILE TRANSMISSION TIME BY 50%

## Company Background

Our client is one of the largest private forest landholders in North America. The company owns or manages over 1 million acres of forestland and runs saw mills, molding, millwork, and window and fiber product factories. In addition, the company is also an electronic co-generation company.

## Challenges and Requirements

The company runs its business applications on two iSeries machines. Backup requirements consist of daily object mirroring from the production box to the development machine for potential disaster recovery via FTP over a T1 line. Backup requirements also include nightly tape backups of sensitive employee data (personal information such as Social Security numbers, payroll information, etc.) for off-site storage. Processing times for backups created a continuous challenge for the company, and, as data volume increased, it was becoming more difficult to meet the times required for the processing window.

## The Solution

The company needed a solution that would facilitate a more efficient backup process and protect confidential data. PKWARE fit this need perfectly. Using PKWARE's smart encryption software, the company could merge encryption and compression into one process, keeping CPU consumption to a minimum. It enabled them to save iSeries data directly into a ZIP archive without creating SAVF files first, allowing them to connect to their development box over the network instead of via a T1 line.

## INDUSTRY

Manufacturing

## CUSTOMER PROFILE

One of the largest private forest landholders in North America

## CHALLENGES

Reducing data center costs and operational overhead

Extending the useful life of the existing IT infrastructure

## RESULTS

Improved operational efficiencies by merging compression and encryption, greatly reducing processing times

Overall, daily file transmission times were cut in half

PKWARE's unique ability to combine the compression, encryption, and SAVF file creation steps was vital in solving the company's backup time crunch. Not only did choosing PKWARE ensure their confidential data was protected, the compression feature meant there were smaller files to encrypt, speeding up distribution significantly. The company is now able to transmit files nightly via FTP from the production to development system in half the time the process previously took.

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PKWARE is a trusted leader in global business data protection. For 29 years PKWARE has focused on data. Building on our compression expertise with the latest encryption technology, PKWARE protects data for over 35,000 enterprise customers and 200 government agencies. Our software-defined solutions provide cost-effective and easy-to-implement protection that is transparent to end users and simple for IT to administer and control.