

## Customer Success Story:

Leading Manufacturer Merges Compression and Encryption, Reducing File Transmission Time by 50%

### 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

### PKWARE® Solution

- SecureZIP® for i5/OS®

### Results

- Improved operational efficiencies by merging compression and encryption, greatly reducing processing times
- Overall, daily file transmission times were cut in half

### 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, our client 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 (Personally Identifiable Information such as Social Security numbers, payroll information, etc.) for off-site storage. Processing times for backups was 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 - SecureZIP

Our client needed a solution that would facilitate a more efficient backup process and protect confidential data. SecureZIP fit this need perfectly. Using SecureZIP, 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.

SecureZIP'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 using SecureZIP 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.

Out of respect for our clients' privacy, names have been omitted from customer success stories. Many of our clients are happy to discuss their experience with PKWARE products. If you are interested in learning more information about a particular customer success story, please contact us at <http://www.pkware.com/contactus>

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