

## Customer Success: Protecting Data at Rest by Encrypting Data at the File Level

### Industry

- Federal Government

### Customer Profile

- Federal data center providing cost-effective IT solutions to support the needs of customers within the federal sector

### Challenges

- Securely exchanging data, both in transit and at rest
- Finding a solution that could support multiple computing platforms

### PKWARE® Solution

- SecureZIP® for z/OS®

### Results

- Encryption at the file level protected data at rest on the system's perimeter
- One solution that supports multiple computing platforms

### Company Background

Our client is a recognized, award-winning Federal Government IT Center responsible for administering benefits to Veterans and their families.

As a fee-for-service organization, this data center provides cost-effective IT enterprise solutions to support the information technology needs of its customers within the Federal sector. Their offerings include a full complement of technical solutions, including platform hosting services, total information assurance, customer business continuity, data conversation and interfacing, configuration management, and application administration.

### Challenges and Requirements

The data center provides processing services to various government and military agencies and was transferring large files containing Personally Identifiable Information (PII) from their z/OS® main-frame to multiple Federal Government agencies nightly.

Although the data center had a secure pipe (SSL), they wanted to ensure that the data was fully protected once it left the pipe, while awaiting retrieval. As the data waits to be retrieved by other federal agencies, it rests at the perimeter of the system and still must be protected.

The data center wanted a solution that could encrypt data at the file level and also support multiple computing platforms.

### The Solution - SecureZIP® for z/OS

The data center researched several security options but, in the end, they felt PKWARE® offered the strongest solution. SecureZIP's ability to protect the sensitive data – as it rests on the perimeter of the system – ensured that only intended federal employees had access to the confidential information. The agency took a step toward preventing confiscation of this data at rest by encrypting it – at the file level and applying the highest level of security to this PII.

SecureZIP's ability to provide data security at rest and in transit, as well as interoperability across all major computing platforms, were key factors in the data center's decision. And, because ZIP technology continues to be a recognized brand in the marketplace, they knew they were using a stable, reliable, and proven application.

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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