



**PKWARE eNewsletter**

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We welcome your comments, suggestions, and questions at [editor@pkware.com](mailto:editor@pkware.com).

## **In the News: *GCM* Interviews CMS, PKWARE about Securing Data Exchange with Partners**

Wanting to report on the importance of government agencies securely exchanging data with external partners, *Government Computer News (GCM)* interviewed Centers for Medicare & Medicaid Services (CMS) and PKWARE for its [June 29 issue](#).

Julie Boughn, CIO and Director for CMS, and George Haddix, CEO and Chairman for PKWARE, discussed how [SecureZIP PartnerLink™](#) has helped CMS secure billions of files sent and received from all 50 states and numerous health care providers and research institutions, each of which use different information technology systems.

[Read the complete \*GCM\* article](#) and [check out PKWARE's microsite](#) created for *GCM* readers

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## Customer Success Story: One of America's Largest Retailers Compresses, Encrypts Sensitive Data with PKWARE Products

### Company Background

Our client is one of America's largest retailers, operating over 1,000 locations in the United States and Puerto Rico. The retailer also provides one of the largest apparel and home furnishings sites on the Internet and operates one of the nation's largest general merchandise catalog businesses.

### Challenges and Requirements

The retailer was in need of additional space to store inventory information and customer transactions, as well as employee and customer data. This data is sent from regional store servers prior to the start of the next business day. The retailer also wanted to secure sensitive data being sent via email from various PCs in the organization.

The retailer required a solution that would provide increased storage capacity for information on store servers. They also needed to ensure desktop files were encrypted to protect sensitive customer data being exchanged internally and externally via email.

Due to the interoperability, ease of implementation, and multi-platform offerings PKWARE® solutions provided, the retailer chose a combination of [PKZIP® for Windows server](#), [PKZIP for z/OS](#), and [SecureZIP® for Windows desktop](#) for their operating environment. The first priority was to upgrade store servers to the most recent version of PKZIP, so the company could process over 4 gigabytes of information. The retailer also decided to upgrade 10,000 desktops at their corporate headquarters to run SecureZIP for Windows desktop.

### Competitive Landscape

While searching for the right product to support their upgraded servers and encrypt sensitive data, the retailer considered WinZip® Command Line, but chose PKWARE products because they offered more robust functionality at a better price.

### The Solution – SecureZIP and PKZIP

Overall, PKWARE met the retailer's need for file storage expansion, data compression and encryption, security, and cost-effectiveness. PKWARE products also offered the opportunity for future upgrades. Our client was in vendor-consolidation mode and PKWARE's ability to offer comprehensive products on all major computing platforms provided increased cost savings and convenience. By selecting SecureZIP, the retailer also satisfied PCI compliance requirements.

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## Topics & Trends: Traditional (Standard) Encryption vs. AES Encryption on z/OS®

At first blush, would you think that 128-bit encryption consumes more CPU cycles and processing time than 96-bit encryption? What about the compatibility of hardware crypto used on IBM® System z® mainframes with other software crypto?

With one solution, [SecureZIP®](#), you get passphrase AES 128-bit encryption that's 70% faster in elapsed time and 83% faster in CPU time, in comparison to traditional ZIP passphrase 96-bit encryption. Also, a file compressed and encrypted by SecureZIP can be exchanged on z/OS, i5/OS®, UNIX®, Linux®, Windows® Server and Windows desktop, with z/OS hardware crypto interoperating with software crypto.

[Get the details here](#)

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## Company News: PKWARE Out and About at Industry Conferences

During the summer, PKWARE will exhibit at industry events, including the DTIC/DLA/DTRA Technology Expo, FAA Cyber Security Awareness Day in Oklahoma City, and SHARE in Denver.

### **DTIC/DLA/DTRA Technology Expo, July 16 – Fort Belvoir, VA**

At the only Technology Expo held at the McNamara Headquarters Complex, PKWARE will meet with personnel from the Defense Technical Information Center (DTIC), Defense Logistics Agency (DLA), Defense Threat Reduction Agency (DTRA), and other key Department of Defense employees.

Attendees are encouraged to stop by the PKWARE booth to discuss how [SecureZIP®](#), our FIPS 140-2 compliant, cross-platform data compression and encryption software, can meet data protection security requirements.

### **FAA Cyber Security Awareness Day, August 6 – Oklahoma City, OK**

This event is part of the Federal Aviation Administration's (FAA) Cyber Security Awareness Training, consisting of breakout sessions and vendor exhibits at the Mike Monroney Aeronautical Center in Oklahoma City.

With the largest concentration of Department of Transportation (DOT) employees outside of the Washington DC area, the PKWARE booth will showcase SecureZIP solutions with a focus on [SecureZIP for Windows® desktop](#), which the FAA is [deploying on 50,000 desktops](#).

### **SHARE, August 23-28 – Denver, CO**

The SHARE conference is five days of in-depth, technical education, giving attendees the opportunity to connect face-to-face with leading professionals and colleagues. In addition, the SHARE Technology Exchange Expo, August 24-26, provides the ideal forum to discover the latest trends and business solutions in the enterprise technology community.

Attendees that visit the PKWARE booth will learn about [SecureZIP for z/OS®](#). In addition, we invite you to attend our SHARE speaking session **"So, You Think You're Exploiting IBM Hardware Crypto?"** on Thursday, August 27, 3:00-4:00pm in Room 702 at the Colorado Convention Center.

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