



The Only Solution to Reduce and Secure Data, Shrinking Transport and Storage Costs, and Providing Security in the Cloud

ONE SOLUTION, UNMATCHED SECURITY, REDUCED STORAGE COSTS

CLOUD CHALLENGES

✓ SECURITY RISKS

Clouds present complex security issues and open Pandora's box for unintended consequences-critical corporate data, customer information, and intellectual property are at increased risk. Cloud providers do not assume responsibility and the enterprise forfeits control of the security when data is handed over.

✓ TRANSFER VULNERABILITIES

The potential for data breaches is multiplied as data travels to and from the cloud using various networks especially in highly mobile and distributed workforces.

✓ NON-COMPLIANCE PENALTIES

Extended enterprises, partner networks and virtual machines are continuously scrutinized for compliance. All sensitive data must be protected with appropriate measures.

✓ STORAGE EXPENSE

Companies are charged by the amount of data that is put into the cloud; therefore providers lack motivation to compress that data. Any compression by providers is deemed unreliable since encrypted data cannot be compressed.

✓ VM CONTROL

Sensitive data that is transferred to an unprotected VM will be exposed to users with access to the shared server. Any data stored in dormant VMs lacks protection when the operating system is not active or properly patched. VM sprawl wastes resources and creates unmonitored servers that could have access to sensitive data.

OUR SOLUTION

✓ DATA CENTRIC SECURITY

PKWARE guarantees protection with persistent file-level security independent of system, application or data format, and "at rest" or "in motion". The PKWARE Solution renders data unusable to anyone that does not have the key to decrypt it and ensures data integrity even when lost or stolen.

✓ CLOUD READY

By design, the PKWARE Cloud Solution protects data transfers regardless of the network type - cellular, Wi-Fi, public or shared wires. Security procedures can be integrated into the existing workflow for cloud services to prevent against insider threats in the public cloud (i.e., a public cloud administrator has access to data from multiple customers) as well as external threats (i.e., remote hackers and attackers exploiting a web application portal).

✓ REDUCE COSTS

PKWARE reduces the size of data by 95% resulting in storage costs savings of 95%. With a reduction in data size, more data is transmitted without increased bandwidth or the burden and costs associated with additional storage uptake.

✓ VM PROTECTION

PKWARE protects data even when the VM operating system is not active or not properly patched. It is designed for consistent security in any virtual or hybrid environment - when cloud providers manage, provision and orchestrate multiple VMs or within a single provider's cloud. And, to yield transfer and storage cost reductions, PKWARE reduces the data before securing it. Additionally, the PKWARE Solution aggregates many data files within one data container and minimizes the risk of losing an individual file in transit.



A Comprehensive Solution with a platform-neutral approach; optimize data across mainframe, midrange, servers, & desktops

Guarantees speed to value with ease of implementation -- production ready within just hours and scalable across diverse infrastructures - daily operations with partners can continue without interruption

Transferable Security through the ability to send, receive and store data in its compressed and secure state; guaranteeing even after transfer it can only be accessed by the intended party

Adaptable and Flexible to support your immediate and future data management needs with full integration into any mix of cloud, virtual, and physical systems

End-to-End Protection through data-centric security that guarantees your information is as safe in a cloud as it is behind your firewalls

■ **Trusted and Proven by over 30,000 Companies across the Globe**

The PKWARE Solution is the only complete system for reducing, securing, moving and storing data across the extended enterprise, both internally and externally, from mainframes to desktops and into the cloud.

More than 30,000 corporate entities and 200 government agencies worldwide trust the PKWARE Solution to reduce the logistical and administrative burdens of data handling while securely sharing that information. Each day more clients rely on PKWARE's unrivaled guarantee for protection wherever data lives or moves—internally as well as with external partners.

The PKWARE Solution is the industry standard in portability; ensuring data security across IBM, Windows, UNIX, Linux, Solaris, and other popular environments.

Leverage your existing IT

infrastructure with our production ready and progressive solution for both virtual and non-virtualized environments. These include:

- IBM AIX®
- HP-UX
- Sun™ Solaris™
- Linux
- Microsoft® Windows

About PKWARE

More than two decades ago, PKWARE revolutionized data compression with the invention of the ZIP standard. Today, through continuous innovation and development, PKWARE has quickly become the industry standard for data reduction, security and file management.

Financial services, banking, government, healthcare, and retail organizations use PKWARE solutions daily to protect sensitive data, meet compliance requirements, avoid liability risk, as well as reduce their overall costs and operational overhead.

PKWARE, a privately held company, was founded in 1986 and is based in Milwaukee, Wisconsin; additional offices are located in New York, Ohio, and the United Kingdom.

For additional information and resources, please visit our website www.pkware.com.

To speak with a PKWARE Specialist in the U.S. call toll free: 1.866.583.1795

Please visit www.pkware.com for a list of contact numbers for Product Specialists outside the U.S.

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