



**Proven to Reduce the Size of Data,** Shrinking Transport and Storage Costs by Up to 70% with Guaranteed Data-Centric Security While at Rest or in Motion.

## ONE SOLUTION, REDUCE COSTS, INCREASE SECURITY, CLOUD READY

### VIRTUALIZATION CHALLENGES

#### UNCONTROLLED SPRAWL

The multiplier effect on data size can spiral out of control as the number of VMs increase with processes and data replicated across each one. Multiplied data requires more storage and more storage costs.

#### BANDWIDTH LIMITS

Data centers are forced to move increasing amounts of information through the data pipes. Some have amounts so vast they cannot be transferred, some deal with volume that significantly impedes transfer rates. Multiplied data can easily slow performance and require more bandwidth.

#### TRANSFER VULNERABILITIES

The potential for data breaches is multiplied as data travels to and from VMs using various networks. File transfers can become unruly as the huge amounts of information must be managed and tracked.

#### SECURITY RISKS

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.

### OUR SOLUTION

#### REDUCE COSTS

PKWARE reduces the size of data by 60-70% and thus storage costs savings of 60-70%.

#### INCREASE TRANSFER SPEEDS

With a reduction in data size by up to 70%, more data is transmitted without increased bandwidth or the burden and costs associated with additional storage uptake.

#### DATA CENTRIC SECURITY

PKWARE guarantees protection with persistent file level security independent of system, application or data format, and "at rest" or "in motion".

#### DATA AGGREGATION ADVANTAGES

The PKWARE Solution aggregates several data files within one data container to minimize the risk of losing an individual file in transit. This totally secure process can handle a multi-tiered file structure, allowing entire directories to be aggregated into one container.

#### POWERFUL PROTECTION

PKWARE renders data unusable to anyone that does not have the key to decrypt it. And, it protects data even when the VM operating system is not active or not properly patched. The PKWARE Virtualization Solution is designed for consistent encryption in any virtual or hybrid environment - when cloud providers manage, provision and orchestrate multiple VMs or within a single provider's cloud.



**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, Macintosh, 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
- Apple Mac
- 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](http://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](http://www.pkware.com)** for a list of contact numbers for Product Specialists outside the U.S.