MANUFACTURER MEETS SOX REQUIREMENTS WITH STRONG ENCRYPTION, WHILE ALSO INCREASING OPERATIONAL EFFICIENCIES

Company Background

Our client is a provider of industrial automation power, control, and information systems and services. The company operates domestically and internationally, including a partner network of thousands of regional and global specialists in distribution, system integration, and product referencing.

Challenges and Requirements

After conducting an internal audit, the company determined that they could be facing substantial fines for non-compliance with SOX requirements as a result of HR data that was being sent to a third-party provider. The Personally Identifiable Information that required encryption was being sent to the provider from the company's mainframe.

One of the company's key requirements was the ability to add encryption without impacting other business processes and system utilization. The company was also concerned about the cost to upgrade their bandwidth to handle the new traffic. They estimated that this upgrade could cost as much as $24,000 more each month to conduct the nightly transfer of information.

The Solution

The company researched, implemented, and tested PKWARE's smart encryption software in one month. The company chose PKWARE because of its cross-platform interoperability, and because admins could initiate processes in both automated and interactive environments. PKWARE also provided the ability to securely transfer files from PCs to UNIX boxes to mainframes. The decision was made even simpler because PKWARE offered the shortest time to implementation and the best system performance.

INDUSTRY

Manufacturing

CUSTOMER PROFILE

Provider of industrial automation power control and information systems and services

CHALLENGES

Meeting data security compliance standards and requirements, including SOX

Reducing data center costs and operational overhead; finding a cost-effective solution

RESULTS

Use of strong encryption met SOX compliance requirements

Increased operational efficiencies by conserving time and bandwidth and minimally impacting processing and system utilization

Today, the company is able to provide strong encryption to meet SOX requirements with minimal impact to processing times, thanks to the use of data compression. They are now able to send nine database files compressed from 1GB to 200MB nightly, saving both time and bandwidth.

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