

# HEALTHCARE SYSTEM PROTECTS DATA SENT VIA PORTABLE MEDIA, EMAIL, AND FTP WITH A SINGLE SOLUTION

## Company Background

Our client is an organizational division of one of the largest publicly funded healthcare systems in the United Kingdom. Since Her Majesty's Revenue and Customs data loss in 2007 affected 25 million individuals, the organization has been proactive in protecting their sensitive information, taking steps to encrypt Patient Identification Information and maintain compliance with European Union privacy laws.

## Challenges and Requirements

Considering the vast amounts of sensitive data the organization handles, they required a solution that would meet the AES 256-bit encryption standard. The solution would need to be easy to deploy on thousands of desktops, providing strong data encryption for transfer of sensitive information via portable media, email, and FTP.

Another requirement was the ability to enforce the use of strong passphrases so that encrypted data could not be easily accessed. It was also imperative that the organization find a solution that could be deployed within a very tight time frame.

Finally, ease of use was extremely important—the organization needed a solution that would be scalable across multiple operating environments and infrastructures.

## Competitive Landscape

A current WinZip user, the organization soon realized the benefits that PKWARE's software could offer over their current utility. PKWARE's solution offered both the compression capabilities and AES encryption WinZip was currently providing; however, unlike WinZip, PKWARE also was able to provide:

### INDUSTRY

Healthcare

### CUSTOMER PROFILE

Organizational division within one of the largest publicly funded healthcare systems in the United Kingdom

### CHALLENGES

Protecting sensitive data being sent via portable media, email, and FTP

Ensuring strong passphrases meeting specific requirements are being used to secure data

### RESULTS

Protected sensitive data sent inside and outside the organization via portable media, email, and FTP using strong encryption

Enforced data security according to organizational policies and best practices

Ensured access to data at any time for audit or recovery purposes

Integrated with Microsoft Office; eased use of product amongst employees

- » **User Policy Management.** The ability to push out policies enforcing or restricting the use of compression, encryption, passwords, certificates, and digital signing.
- » **Password Hardening.** The ability to establish rules regarding the minimum and maximum length of passwords as well as the strength of the password.
- » **Contingency Key.** The ability to recover encrypted data for audit or recovery purposes.
- » **Cross-Platform Interoperability.** The software is interoperable across all major computing platforms, including desktop, server, midrange, and mainframe environments.

## The Solution

PKWARE's smart encryption software integrates with Microsoft Office, providing a solution that allowed for secure data storage with the click of a button. Since ease of use was a requirement, this provided an easy way for all employees, internally and externally, to secure information.

The integration with Microsoft Outlook provides the option for secure information exchange via email. Information can also be sent securely via Outlook directly from Office applications, making the secure exchange of information even easier.

PKWARE's contingency key functionality allows the organization to access encrypted data for audit or recovery purposes, a factor that became a necessity very early in the decision-making process. In addition, passphrase encryption allows them to transfer data securely via email, FTP, CD, and other forms of portable media. Data is protected, even if intercepted in transit, protecting the organization from a data loss similar to that of Her Majesty's Revenue and Customs.

PKWARE's software and implementation met and exceeded the organization's initial goals, providing strong encryption for data transfer and storage, an easy-to-use solution for all employees, and rapid deployment and adaptability.

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PKWARE is a trusted leader in global business data protection. For three decades PKWARE has focused on data. Building on our compression expertise with the latest encryption technology, PKWARE protects data for over 35,000 customers, including government agencies and global corporations. Our software-defined solutions provide cost-effective and easy-to-implement protection that is transparent to end users and simple for IT to administer and control.