

Healthcare Organization #4

Industry

- Healthcare

Customer Profile

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

Challenges

- Finding an encryption solution to protect data being sent via portable media, email, and FTP
- Ensuring the strength of passphrases being used to secure data
- Finding an easy to deploy and rapidly adoptable solution

PKWARE® Solution

- SecureZIP® Enterprise Edition for Windows® desktop

Results

- Ability to send data securely inside and outside the organization via portable media, email, and FTP
- Ability to enforce data security according to organizational policies and best practices
- Access to data at any time for audit or recovery purposes via contingency key
- Integration with Microsoft Office® increased the ease of use amongst employees
- Immediate and easy deployment

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 (PII) and maintain compliance with European Union Privacy Laws.

Challenges and Requirements

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

One requirement was the ability to enforce the use of strong passphrases so the encrypted data could not be easily accessed. Using SecureZIP, IT administrators can centrally configure passphrase strength and apply organizational policies and best practices.

It was also imperative that the organization find a solution that could be deployed within a very tight time frame. In addition to rapid deployment, ease of use was extremely important—they 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 SecureZIP could offer over their current utility. SecureZIP offered both the compression capabilities and AES encryption WinZip was currently providing; however, unlike WinZip, SecureZIP also was able to provide:

- **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** - SecureZIP is interoperable across all major computing platforms, including desktop, server, midrange, and mainframe environments.

The Solution - SecureZIP Enterprise Edition

The organization was introduced to SecureZIP Enterprise Edition. SecureZIP 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.

SecureZIP's integration with Microsoft Outlook® provides the option for secure information ex-

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change via email. With SecureZIP, information can also be sent securely via Outlook directly from Office applications, making the secure exchange of information even easier.

The contingency key functionality of SecureZIP allowed 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 allowed them to transfer data securely via e-mail, 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.

SecureZIP met and exceeded the organization's initial goals, providing strong encryption for data transfer and storage, an easy-to-use solution for all employees, as well as rapid deployment and adoptability.

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