



Roxio Secure Solutions for Medical Offices

Roxio Secure Solutions Help Medical Offices to Comply with HIPAA and HITECH Rules

Introduction

The Health Insurance Portability and Accountability Act of 1996 (HIPAA) required the U.S. Department of Health and Human Services (HHS) to develop regulations protecting the privacy and security of Protected Health Information (PHI). As part of this requirement, the HHS established a set of rules and national standards for the protection of certain health information. These rules apply to 'covered entities' including health plans, health care clearinghouses, such as billing services and community health information systems, and health care providers that transmit health care data in a way that is regulated by HIPAA. Failure to comply voluntarily with these standards could result in civil penalties and prosecution.

HIPAA includes a set of administrative simplification provisions that, among other things, include rules to help protect the privacy of PHI:

- The Privacy Rule requires appropriate safeguards to protect the privacy of personal health information, and sets limits and conditions on the uses and disclosures that may be made of such information without patient authorization.
- The Security Rule requires appropriate administrative, physical and technical safeguards to ensure the confidentiality, integrity and security of electronic protected health information.
- The Breach Notification Rule, issued as part of the Health Information Technology for Economic and Clinical Health Act (HITECH), requires HIPAA covered entities and their business associates to provide notification following a breach of unsecured protected health information.

The HHS has issued guidance on how to secure protected health information appropriately. According to the HHS, PHI stored on data at rest (such as data stored on CD, DVD or USB flash memory devices) "...may be secured using one or more methods. In consultation with information security experts at NIST, we have identified two methods for rendering PHI unusable, unreadable, or indecipherable to unauthorized individuals: encryption and destruction."¹

Roxio Secure solutions can help Medical Offices and other healthcare organizations to better comply with HIPAA and HITECH rules and standards by enabling health workers to easily encrypt data on CD, DVD, Blu-ray Discs and USB flash memory devices.

Data at Risk

It is standard practice to store data on optical media (CDs, DVDs and Blu-ray Discs) and on USB flash memory devices. This data is often confidential, and may include patient records. However, portable media can easily be lost or stolen.

¹¹ Department of Health and Human Services, O. o. (n.d.). *Guidance Specifying the Technologies and Methodologies That Render Protected Health Information Unusable, Unreadable, or Indecipherable to Unauthorized Individuals for Purposes of the Breach Notification Requirements under Section 13402 of Title XIII (Hea)*. Retrieved from www.hhs.gov:
<http://www.hhs.gov/ocr/privacy/hipaa/understanding/coveredentities/hitechrfi.pdf>

Data breach has become a major problem for businesses and organizations. A Google news search for 'data breach' provides a quick glimpse into the prevalence and costs of data breaches. According to a recent study by Poneman Institute, the costs of data breach exceed \$200 per customer record lost and continue to grow year by year.² According to Ellen Messmer, Senior Editor at Network World, the, "Poneman Institute looks at several factors including: the cost of lost business because of an incident; legal fees; disclosure expenses related to customer contact and public response; consulting help; and remediation expenses such as technology and training."³

Health organizations have ethical and legal responsibilities to protect confidential patient data. Furthermore, organizations must protect internal data such as employee records. Of particular concern is the need to protect personally identifiable information (PII) about individuals. Encryption is a key factor in preventing unwanted access to this data.

The Challenge of Protecting Data

In the simplest terms, encryption of data on secure portable media can prevent unauthorized users from accessing it. The encryption needs to be strong enough to prevent circumvention; some organizations must also comply with specific encryption standards such as US government approved standards.

One of the biggest challenges in protecting data on removable media is that it is so easy for workers to write files to disc or to a USB stick. Even if encryption is available, workers may simply choose not to use it because it requires extra time and effort.

Roxio Secure solutions are specifically designed to make it extremely easy and transparent to encrypt data. Furthermore, Roxio Secure solutions are designed to be scalable, depending on the needs of the organization. Encryption can be controlled by the user, by the system administrator at the level of the workgroup, or by the system administrator at the level of the organization.

With Roxio Secure, decision makers as well as employees responsible for transporting data can be confident that encrypted data is secure.

The Roxio Secure Product Line

Roxio Secure products consist of an end-user friendly family of enterprise applications that help to protect against data breach. The products enable users within an organization to quickly secure data on CD, DVD, Blu-ray Disc and flash devices using powerful data encryption that safeguards the contents from being accessed by unauthorized persons. Roxio Secure offerings go beyond simple encryption on stand-alone machines to provide advanced end-point security features for networks of computers in small workgroups to multi-departmental global enterprises. Roxio Secure offerings arm organizations with the tools to not only meet internal

² "2009 Study: Cost of a Data Breach" by Poneman Institute:
http://www.ponemon.org/local/upload/fckjail/generalcontent/18/file/US_Ponemon_COdB_09_012209_sec.pdf

³ Ellen Messmer, N. W. (n.d.). *Data Breach Costs Top \$200 per Customer Record*. Retrieved from <http://www.networkworld.com/news/2010/012510-data-breach-costs.html>

security policies, but also comply with HIPAA and HITECH mandated privacy measures and regulations.

Roxio Secure Burn includes:

- Burns data on CD, DVD and Blu-ray Disc using an easy drag & drop interface
- Copies discs and disc image files
- Encrypts data on disc using a FIPS 140-2 certified encryption module
- Spans files too big to fit across multiple discs
- Reads and writes disc image files

Roxio Secure Burn Plus adds:

- Discs can be read on PCs within permitted departmental groups of PCs
- Restricts permission to read discs on PCs outside permitted departmental groups
- Group read permissions are set at installation via command line
- Read permissions can be changed after installation with the included Roxio Permissions Manager applet

Roxio Secure Managed adds:

- Discs can only be written by permitted users
- Discs can only be read by permitted users
- An authorization server controls permissions per organizational policies
- Permissions can be changed in real time by the system administrator via a web control panel
- Data on USB flash devices is encrypted, and can be destroyed if a device is lost or stolen
- Supports logging and reporting of files burned to disc, files sent to USB devices, and administrative changes to permissions
- This product is targeted at larger enterprise customers

The products are ideal for medical offices and organizations of any size, from small doctor's offices to HMOs.

In Conclusion

Roxio Secure is a product line that enables encryption of data on removable media including optical discs and USB flash memory devices. Roxio Secure makes it easy for employees to automatically encrypt data per organizational policies, and helps to protect medical offices from the expense of data breach and non-compliance with mandated regulations.

Roxio Secure solutions are an inexpensive and convenient way for medical offices to ensure that confidential records stored on optical and USB flash media are only viewable by authorized personnel, and can help to ensure compliance with mandated regulations.

Contact

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