



Roxio Secure Solutions for Law Firms

Law firms can easily protect sensitive data stored on CD, DVD,
Blu-ray Disc and USB flash media
with Roxio Secure Solutions

Introduction

Law firms and their clients commonly store and exchange data on removable media including CDs, DVDs, Blu-ray Discs and USB flash memory devices. Copying, archiving and exchanging data on portable media is a key process in today's business environment. This data is often confidential, and may include client records, internal 'eyes only' legal briefs, and other sensitive information. However, portable media can easily be lost or stolen. Therefore, it is critical that data stored on this media is protected through encryption.

Roxio Secure is a product line that manages the 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, and helps to protect law firms from the expense of data breach and non-compliance with mandated regulations.

Data Breach – A Major Problem

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.¹ 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."²

Law firms have both ethical and legal responsibilities to protect confidential client data. Furthermore, law firms must protect internal data such as employee records. In particular, attorneys are concerned with protecting personally identifiable information (PII) about individuals. Encryption is a key tool to prevent unwanted access to this data.

According to the National Conference of State Legislatures, forty-six states, the District of Columbia, Puerto Rico and the Virgin Islands have enacted legislation requiring notification of security breaches involving personal information.³ Notification can be expensive and can damage a firm's reputation.

As a specific example, California Senate Bill 1386 requires that affected individuals must be notified if unencrypted personal information is acquired by an unauthorized person.

"SEC. 2. Section 1798.29 is added to the Civil Code, to read: 1798.29. (a) Any agency that owns or licenses computerized data that includes personal information shall disclose any

¹ "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

² 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>

³

<http://www.ncsl.org/IssuesResearch/TelecommunicationsInformationTechnology/SecurityBreachNotificationLaws/tabid/13489/Default.aspx>

breach of the security of the system following discovery or notification of the breach in the security of the data to any resident of California whose *unencrypted* personal information was, or is reasonably believed to have been, acquired by an unauthorized person. The disclosure shall be made in the most expedient time possible and without unreasonable delay, consistent with the legitimate needs of law enforcement, as provided in subdivision (c), or any measures necessary to determine the scope of the breach and restore the reasonable integrity of the data system.”⁴

Encrypting the data law firms store on portable media can save a firm from the substantial costs and loss of reputation associated with a security breach.

The Challenge of Protecting Data

In the simplest terms, encryption of data on portable media can prevent unauthorized users from accessing it. The encryption needs to be strong enough to prevent circumvention and 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 employees to write unprotected files to an optical disc or to a USB stick. Even if encryption is available, employees 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 to secure data on removable media. Furthermore, Roxio Secure solutions are designed to be scalable, depending on the needs of the organization. Encryption can be controlled by the user, or by the system administrator at the user, workgroup or organizational level based on policy.

With Roxio Secure, business decision makers as well as employees responsible for transporting data can be confident that the data they carry is encrypted and 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 companies with the tools to not only meet internal security policies, but also comply with industry and government-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

⁴ http://info.sen.ca.gov/pub/01-02/bill/sen/sb_1351-1400/sb_1386_bill_20020926_chaptered.html

- 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 offices and organizations of any size, from small law offices to large international firms.

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 law firms and clients of law firms from the expense of data breach and non-compliance with mandated regulations.

Roxio Secure solutions are an inexpensive and convenient way for law 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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