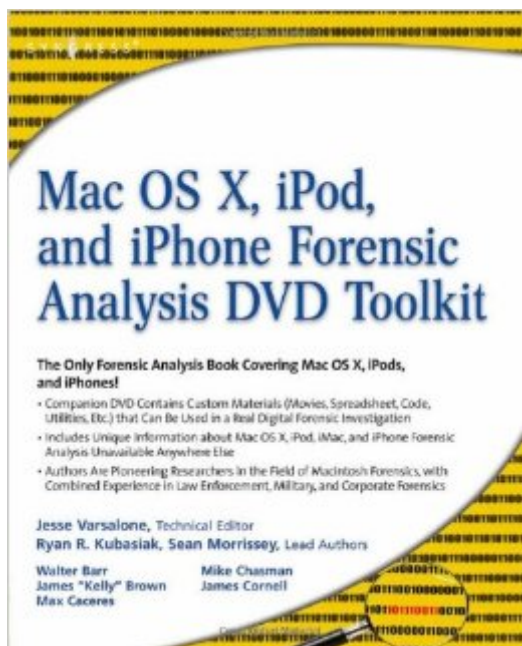


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# Mac OS X, iPod, And iPhone Forensic Analysis DVD Toolkit



## Synopsis

This book and companion DVD provide digital forensic investigators, security professionals, and law enforcement with all of the information, tools, and utilities required to conduct forensic investigations of computers running any variant of the Macintosh OS X operating system, as well as the almost ubiquitous iPod and iPhone. Digital forensic investigators and security professionals subsequently can use data gathered from these devices to aid in the prosecution of criminal cases, litigate civil cases, audit adherence to federal regulatory compliance issues, and identify breach of corporate and government usage policies on networks. The companion DVD contains custom tools developed by the authors, which can be used in real-life digital forensic investigations.

MAC Disks, Partitioning, and HFS+ File System Manage multiple partitions on a disk, and understand how the operating system stores data. FileVault and Time Machine Decrypt locked FileVault files and restore files backed up with Leopard's Time Machine. Recovering Browser History Uncover traces of Web-surfing activity in Safari with Web cache and .plist files. Recovering Email Artifacts, iChat, and Other Chat Logs Expose communications data in iChat, Address Book, Apple's Mail, MobileMe, and Web-based email. Locating and Recovering Photos Use iPhoto, Spotlight, and shadow files to find artifacts of photos (e.g., thumbnails) when the originals no longer exist. Finding and Recovering QuickTime Movies and Other Video Understand video file formats--created with iSight, iMovie, or another application--and how to find them. PDF, Word, and Other Document Recovery Recover text documents and metadata with Microsoft Office, OpenOffice, Entourage, Adobe PDF, or other formats. Forensic Acquisition and Analysis of an iPod Document seizure of an iPod model and analyze the iPod image file and artifacts on a Mac. Forensic Acquisition and Analysis of an iPhone Acquire a physical image of an iPhone or iPod Touch and safely analyze without jailbreaking. \* Companion DVD Contains Custom Materials (Movies, Spreadsheet, Code, Utilities, Etc.) That Can Be Used in a Real Digital Forensic Investigation\* Includes Unique Information about Mac OS X, iPod, iMac, and iPhone Forensic Analysis Unavailable Anywhere Else\* Authors Are Pioneering Researchers in the Field of Macintosh Forensics, with Combined Experience in Law Enforcement, Military, and Corporate Forensics

## Book Information

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## Customer Reviews

I recently finished reading Mac OS X, iPod, and iPhone Forensic Analysis DVD Toolkit by (Ryan Kubasiak and Sean Morrissey) and was somewhat surprised to find there were no reviews on . I've submitted my review and I'm sharing it here with you on my blog. The book introduces the reader to the Mac OS X operating system and common Apple hardware (i.e. iPods, iPhones, iMacs, etc.) out there today. The intended audience is digital forensic investigators, security professionals, and law enforcement. If you've read a Syngress digital forensics book such as Harlan Carvey's Windows Forensic Analysis, Second Edition, you are familiar with how these books encourage a hands-on learning approach through exercises and the use of specific forensic tools. This book follows the same path and, like Carvey's book, offers a DVD filled with exercises, images, and tools for the DIY forensicator. The authors provide an excellent overview of the Macintosh operating system and include topics such as disk partitioning and Apple Disk images (DMG). For example, chapter 4 is dedicated to the HFS+ file system used by Macintosh computers and drills down to disk level file system forensics. While Brian Carrier's File System Forensic Analysis book touches on Apple partitions, the Mac OS X iPod, and iPhone Forensic Analysis DVD Toolkit book dives even more deeply into the file system structure and nomenclature. This book demystifies topics such as FileVault (Apple's answer to file encryption) and Time Machine. It includes content on decrypting FileVault and restoring files from a Time Machine backup. The authors draw on their extensive experience and research to provide best practices, tips, and tricks for preserving and forensically acquiring data from Mac file systems.

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