



MAC MARSHAL

computer forensic software for automated Mac OS X investigations

MAC OS X FORENSICS & MAC MARSHAL TRAINING COURSE

May 6, 2010

9:00 AM – 5:00 PM

Minnesota Dept. of Human Services Building, St. Paul, MN

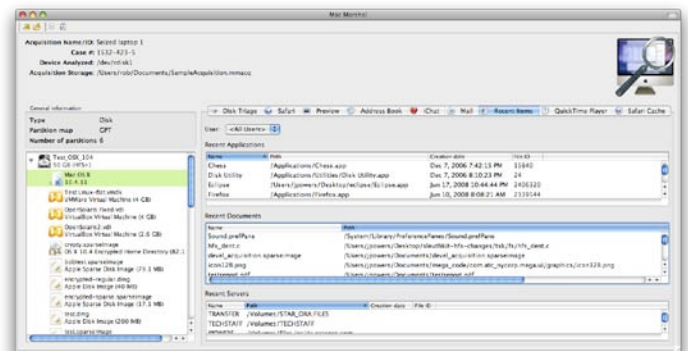
This one-day training course on Mac OS X Forensics and Mac Marshal™ includes:

- Overview of Mac OS X, including virtual machine and dual-boot operation of Macs
- Review of Mac disk formats and the HFS+ file system
- Discussion of FileVault home directory encryption
- Usage of Spotlight to perform rapid searches of forensic data
- Detailed descriptions of common application data/cache formats on OS X
- Analysis of forensic data written by the OS and programs such as Safari, Address Book & Mail
- Hands-on exercises using Mac Marshal
- Certification

In this course, students will use Mac Marshal, a Mac application that automates the analysis of Mac OS file system images. It scans a Mac disk image, automatically detects Mac, Windows, and other operating systems and virtual machine images, then provides the investigator with analysis tools that extract Mac OS X-specific forensic evidence, including data left by Apple's Mail, Safari, and iChat applications and many more.

Through hands-on training, students will use learn to:

- Analyze Mac OS X and dual-boot disk images
- Analyze configuration and log files from common OS X applications, such as Mail, Safari, iChat, and Address Book
- Perform rapid searches using Spotlight metadata
- Gather comprehensive machine usage info
- List detailed information about every iPod and iPhone that has been connected to the machine
- Detect and extract VMWare, Parallels, and Virtual Box virtual machine images
- Detect and analyze FileVault-encrypted user directories
- Maintain an audit trail and generate detailed reports in RTF, PDF, and HTML formats



Attendees are assumed to have basic computer forensics knowledge; prior experience with Macs is helpful.

NOTE: Trainees must provide their own Macintosh laptop for this class.

Cost: **FREE to US state & local law enforcement; includes Mac Marshal software**

For more information and registration:
(607) 257-1975 x 7119 or training@macmarshal.com

www.MacMarshal.com



ATC-NY

Architecture Technology Corporation