What's New in EnCase® Forensic Version 7.04
Continuing the Evolution of Digital Investigations

EnCase Forensic v7 introduced a new approach to digital investigations. In v7.04, the transformation continues. The new capabilities in v7.04 will make completing your investigations more efficient than ever before.

Case Backup

Case backup is an enhancement of previous backup functionality. It provides backup of all case related items and includes the ability for daily, weekly, and monthly aging of various backups. With case backup and recovery option you can be confident that your casework will always be ready for you when you need it.

File Carver Enhancements

Running the File Carver in Evidence Processor now gives you three options; you can select from either the full file types table, from the optimized file types table, or from both. Optimized file types include: Compound document file, Outlook Personal folder, Audio Video Interleave, Flash video files, Enhanced Metafile Graphic, Microsoft bitmap format. When selecting optimized types, the file carver will check file headers for the file length information and, if available, use this information to determine the appropriate file carving.

Additional Fields in Report Templates

EnCase now includes the ability to add additional metadata fields for entries and records to Report Templates. The report template builder makes all entry and record fields available. Users can customize reports by specifying which fields to add to the report template, such as including the value in the field as well as the name of the field. Then, when generating the report, EnCase includes both specified fields and the content with which they are populated, in the specified area of the report.

iOS 5.0 and iOS 5.1 iPhone and iPad Support

EnCase now supports both iOS 5.0 and iOS 5.1 for iPhone and iPad devices. The supported features are the same for all iOS versions, from iOS version 3.0 through 5.1.

Internet Explorer 9 and Firefox 8 History Updates Support

EnCase now supports the following Internet artifacts from Internet Explorer 9 and Firefox 8 browsers.

- Bookmarks
- Cookies
- Downloads
- Keyword searches
- History
- Login data (IE only)
- Form data (Firefox only)
- Cache
- Visited links
- Web data

Evidence Processor Performance Enhancements

In EnCase 7.04, the Evidence Processor has enhanced performance with keyword searches. Keyword searches for this version of EnCase leverage multithreading to process evidence faster than previous versions. You can also now choose whether to search for additional lost or deleted items when performing the find email process. These two enhancements can have a dramatic impact on the performance of the evidence processor, saving valuable time.

New and Updated Encryption Support

EnCase now supports Sophos SafeGuard Enterprise and Easy v5.5 and v5.6 as part of its suite of decryption products. EnCase also now supports McAfee EndPoint Encryption v6.0 for Windows and Macintosh computers.

Passware Kit Forensic Integration - Phase II

EnCase now provides an enhanced Passware Kit Forensic integration. Starting with Passware 11.7 users can export the index and known passwords as a dictionary to be used for decrypting protected files. Using this feature requires a valid installation of the Passware Kit.

EnCase Review Package Allows Export of Native Files

When exporting data for review, users can choose to export files in their native formats as part of the EnCase Review Package. EnCase exports all file types except raw file system entries (for example: $MFT, $LogFile or any '$*' files on NTFS file systems), unallocated clusters and unused disk area. When opening the EnCase Review Package browser, the user can click on the links displayed to review the native file. With this added capability the extended investigation team can provide even more valuable insight into the evidence being reviewed.

Complete Encryption Support Matrix

EnCase Forensic v7.04 allows users, with the appropriate credentials, to acquire and perform investigations on devices using any of the following encryption products.

Vendor	Product	Supported Versions	64-bit Support
Check Point	Check Point Full Disk Encryption (formerly Pointsec PC)	6.3.1 up to 7.4	Yes
CREDANT	Mobile Guardian	5.2.1, 5.3, 5.4.1, 5.4.2, 6.1 through 6.8	No
GuardianEdge	Encryption Plus/Anywhere	7 and 8	No
	Hard Disk Encryption	9.2.2, 9.3.0, 9.4.0, 9.5.0, 9.5.1	Yes
McAfee	EndPoint Encryption (formerly SafeBoot)	4, 5, 6 (for Windows and Macintosh computers)	No
Microsoft	BitLocker and BitLocker To Go	Vista, 7	Yes
Sophos	SafeGuard Easy and Enterprise (formerly Utimaco)	4.5, 5.5, 5.6	Yes
Symantec	PGP Whole Disk Encryption	9.8, 9.9, 10	Yes
	Endpoint Encryption	7.0.2, 7.0.3, 7.0.4, 7.0.5, 7.0.6, 7.0.7, 7.0.8, 8.0	Yes
WinMagic	SecureDoc Full Disk Encryption	4.5, 4.6	No

Smartphone Support OS

With v7.04 devices running the following smartphone operating systems can be acquired and analyzed.

Operating System	Supported Version	Physical Acquisition Support
Android	1.1, 1.5, 1.6, 2.0, 2.1, 2.2, 2.3, 3.0	Yes
Blackberry	4.1.0, 4.2.1, 4.5, 4.6, 4.6.1, 4.7.0, 4.7.1, 5.0.0, 6.0.0	No
iOS	1.0, 2.0, 2.1, 2.2, 3.0, 3.1, 3.2, 4.0, 4.1, 4.2, 4.3, 5.0, 5.1	No
Palm Garnet	5	Yes
Symbian	S60 1st Edition, 1st Edition FP2, 2nd Edition, 3rd Edition FP1 v9.3 S60 release 3.2	No
Windows Mobile	5, 6, 6 Pro, 6.1, 6.1 Pro, 6.5, 6.5 Pro	Yes