



X-WAYS FORENSICS TRAINING

Digicore are pleased to announce that we are now offering the official 3 day X-Ways Forensics training course. The course will be delivered by Jens Kirschner - the official course creator of X-Ways Forensics and the first person X-Ways authorised to deliver the course in their name.

This course is focused on the systematic and efficient examination of computer media using X-Ways Forensics, one of the best known and most widely used forensics tools on the market today.

X-Ways Forensics is an advanced work environment for computer forensic examiners or those wishing to enhance their forensics skills in computer security. X-Ways runs under Windows 2000/XP/2003/Vista*/2008*/7*, 32 Bit and 64 Bit operation systems.

Compared to similar products, X-Ways Forensics is more efficient to use, runs faster, is not as resource-hungry, finds deleted files and search hits that competitors will miss, offers many features that the others lack, and it comes at a fraction of the cost!

X-Ways Forensics is based on the “WinHex” hex and disk editor suite and part of an efficient workflow model where computer forensic examiners share data and collaborate with investigators that use X-Ways Investigator.

Places are extremely limited on this course and strictly on a first come first served basis.

The screenshot displays the X-Ways Forensics interface. The main window shows a file list for a NTFS image. The file list includes columns for Filename, Ext, Path, Size, Created, Modified, Accessed, Attr, 1st cluster, ID, and Comment. A context menu is open over the file 'Tripod 1.jpg'. Below the file list, there is a gallery view showing various images, including a portrait of a man and a landscape. The interface also shows a sidebar with a file tree and a menu bar with options like File, Edit, Search, Position, View, Tools, Specialist, Options, Window, and Help.

Filename	Ext	Path	Size	Created	Modified	Accessed	Attr	1st cluster	ID	Comment
0,1020,299484,00[1].jpg	jpg	\Pictures\0003	2.1 KB	03.05.2004 17:17:56	05.04.2004...	12.05.2005...	A	25395	382	
Private.jpg	jpg	\Pictures\0001	6.2 KB	03.05.2004 17:17:58	10.09.1997...	12.05.2005...	A	31337	511	
350de005.jpg	jpg	\Pictures\0003	7.1 KB	03.05.2004 17:17:56	03.05.2004...	12.05.2005...	H	25465	385	
makeup4.jpg	jpg	\Pictures\0003	14.4 KB	03.05.2004 17:17:56	03.05.2004...	13.05.2004...	A	26491	403	
necklace1.jpg	jpg	\Pictures\0003	14.6 KB	03.05.2004 17:17:56	03.05.2004...	12.05.2005...	A	26449	399	Here
new-york-9400020.jpg	jpg	\Pictures\0003	18.6 KB	03.05.2004 17:17:56	24.03.2004...	12.05.2005...	A	26465	401	you can
Nine Planets.jpeg	jpeg	\Pictures\0001	20.6 KB	03.05.2004 17:17:58	30.04.2004...	12.05.2005...	A	31032	501	add
jewelry.jpg	jpg	\Pictures\0003	20.7 KB	03.05.2004 17:17:56	03.05.2004...	13.05.2004...	A	26383	397	comments.
Neo & Trinity 1.jpg	jpg	\Pictures\0001	26.3 KB	03.05.2004 17:17:58	26.06.1999...	17.05.2005...	A	30966	499	
Patrick Stewart 2.jpeg	jpeg	\Pictures\0001	27.2 KB	03.05.2004 17:17:58	24.02.1997...	12.05.2005...	A	31169	506	
Tripod 3.jpg	jpg	\Pictures\0002	29.2 KB	03.05.2004 17:17:57	30.04.2004...	13.01.2005...	A	29261	457	
Tripod 1.jpg	jpg	\Pictures\0002	29.3 KB	03.05.2004 17:17:57	30.04.2004...	13.01.2005...	A	29246	456	
makeup3.jpg	jpg	\Pictures\0003	32.0 KB	03.05.2004 17:17:57	03.05.2004...	12.05.2005...	A	26475	402	
Zhang Zyi 40.jpg	jpg	\Pictures\0001	32.1 KB	03.05.2004 17:17:57	03.05.2004...	12.05.2005...	A	31479	517	
sparpreis50.gif	gif	\Pictures\0003	34.2 KB	03.05.2004 17:17:57	03.05.2004...	12.05.2005...	A	26631	408	
McCoy.jpeg	jpeg	\Pictures\0001	35.5 KB	03.05.2004 17:17:57	03.05.2004...	12.05.2005...	A	30787	494	
Patrick Stewart 5.jpg	jpg	\Pictures\0001	36.5 KB	03.05.2004 17:17:57	03.05.2004...	12.05.2005...	A	31185	507	
Spock 1.jpg	jpg	\Pictures\0001	36.9 KB	03.05.2004 17:17:57	03.05.2004...	12.05.2005...	A	31409	514	



Course Content:

The course covers all of the computer forensics features in WinHex and X-Ways Forensics, complete with hands-on exercises, simulating most aspects of the complete computer forensics process. Attendees are encouraged to immediately try newly gained insights with sample image files. Many topics are explained along with their theoretical background (e.g. how .e01 files work internally, how hash databases are internally structured, how deleted partitions are found automatically, how does X-Ways Forensics find deleted files). Other topics include using forensically sound disk imaging and cloning, data recovery, search functions, dynamic filtering and report creation.

The students will learn how to get the most thorough overview conceivable of existing and deleted files on computer media, how to scan for child pornography in the most efficient way, or how to manually recover deleted files compressed by NTFS which would not even be found by conventional file carving techniques.

Special practical exercises include:

- Windows Internals examination
- Basic setup of the software
- Learning the user interface components
- Understanding the data interpreter
- Preparing media for cloning
- Cloning media/Image creation
- Creating a case/adding evidence objects
- Hash calculation and checking
- Using the gallery view and skin colour detection efficiently
- Calendar view usage (time line)
- Previewing file contents
- Creating drive contents tables systematically
- Creating hash sets and matching against existing hash sets
- Detecting data hiding methods like alternate data streams, host-protected areas (HPA), misnamed files, etc.
- Adding annotations/bookmarks
- Report creation
- Working with the directory browser
- Synchronizing directory browser and directory tree for optimized work
- Working with the Access button menu
- Various methods of file recovery
- Customizing file signatures
- Extracting and analysing free space, slack space, etc.
- Finding and analysing deleted partitions
- Using search and index functions effectively
- Efficient navigation of the file systems data structures
- Data profiles
- Decoding Base64, Uuencode, etc.
- Viewing RAM
- Assemble RAID systems
- Recovering deleted NTFS-compressed files manually
- ...and much more



To Book Call:
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Duration: 3 days
Cost: €1600.00

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