MAGNET
AXIOM™

THE EVOLUTION OF IEF
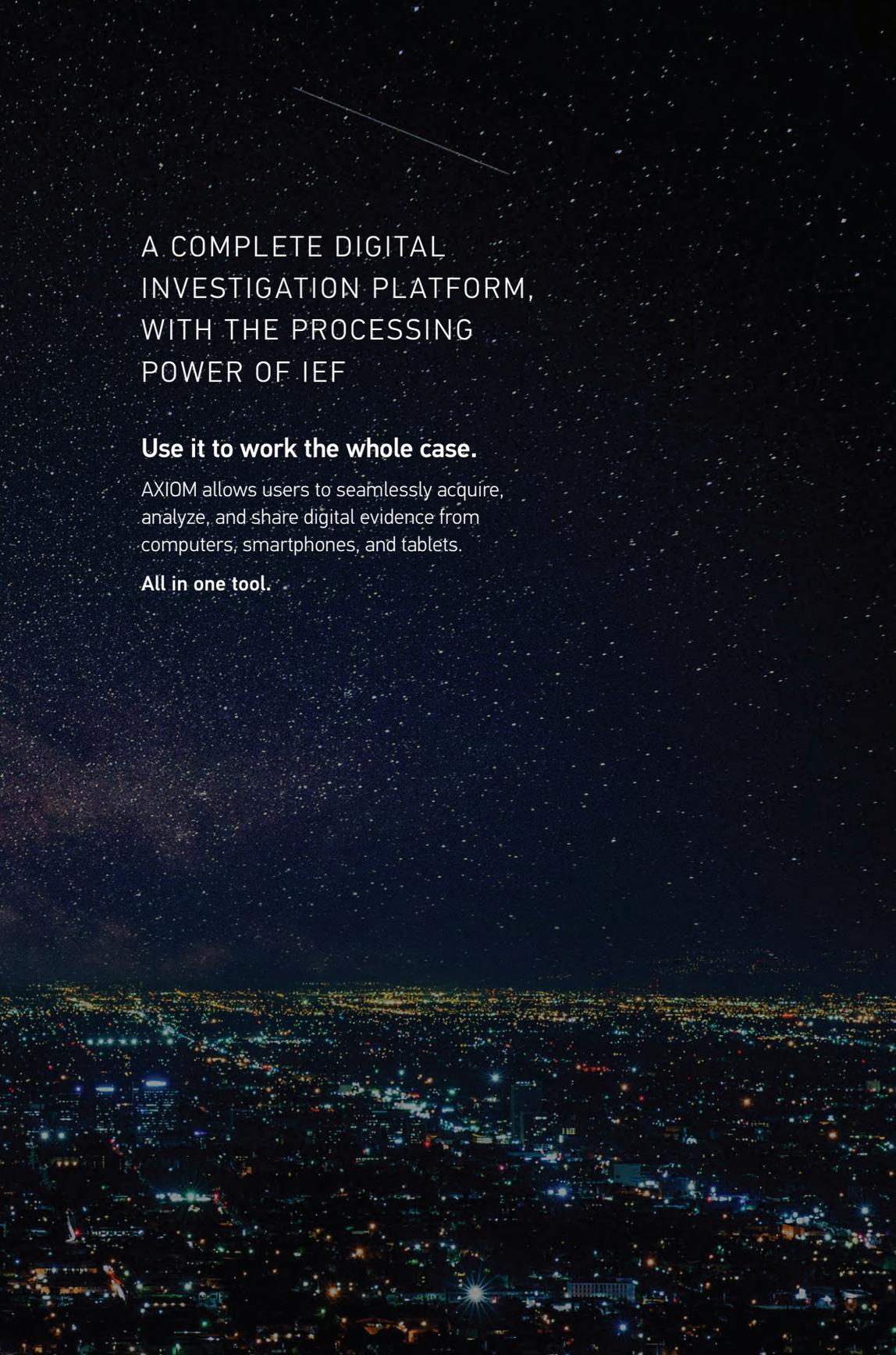
A COMPLETE DIGITAL INVESTIGATION PLATFORM, WITH THE PROCESSING POWER OF IEF

Use it to work the whole case.

AXIOM allows users to seamlessly acquire, analyze, and share digital evidence from computers, smartphones, and tablets.

All in one tool.

Magnet AXIOM Process

EFFICIENTLY PREPARE EVIDENCE FOR EXAMINATION

Magnet AXIOM Process uses automation to streamline the acquisition and processing tasks required to prepare evidence for examination. Spend less time executing basic processing tasks and more time analyzing the evidence.

MAGNET
ACQUIRE

EVIDENCE
ANALYZER

ACQUIRE

Acquire images from any iOS or Android devices, hard drives, and removable media

EVIDENCE ANALYZER

Process and recover 750+ types of artifacts

SINGLE STAGE EVIDENCE PROCESSING

Automate all acquisition and processing tasks required to prepare evidence for analysis

Learn more about **AXIOM Process**. Visit **magnetaxiom.com**

Magnet AXIOM Examine

EXPERTLY ANALYZE EVIDENCE AND MAKE SENSE OF THE DATA

Magnet AXIOM Examine's powerful analysis tools are designed to enable efficient analysis of large volumes of data, allowing for quick identification and validation of the evidence that's most important to an investigation.

REGISTRY
EXPLORER

TRUE VIEW
EXPORTS
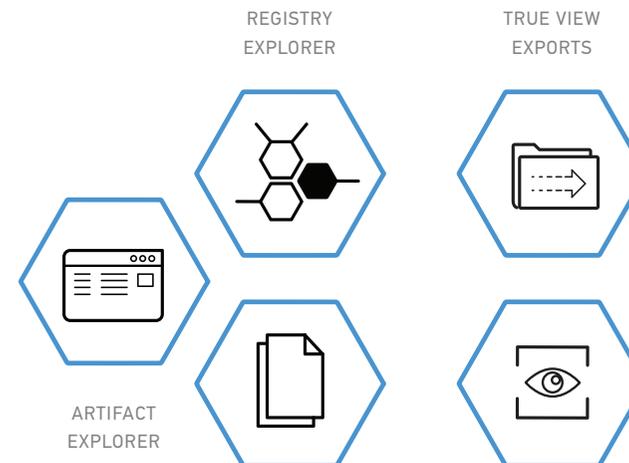
ARTIFACT
EXPLORER

ARTIFACT EXPLORER

Efficiently analyze large volumes of data

FILE SYSTEM AND REGISTRY EXPLORERS

Explore file systems and registry hives for greater insights

SOURCE LINKING

Trace artifact evidence back to its source data in seconds

Learn more about **AXIOM Examine**. Visit **magnetaxiom.com**

Magnet AXIOM Process

WORK SMARTER WITH SINGLE STAGE EVIDENCE PROCESSING

SMARTPHONES, TABLETS AND COMPUTERS → MAGNET ACQUIRE → EVIDENCE ANALYZER → ARTIFACT DATABASE / IMAGE

DIGITAL EVIDENCE — PROCESS — PROCESSED EVIDENCE
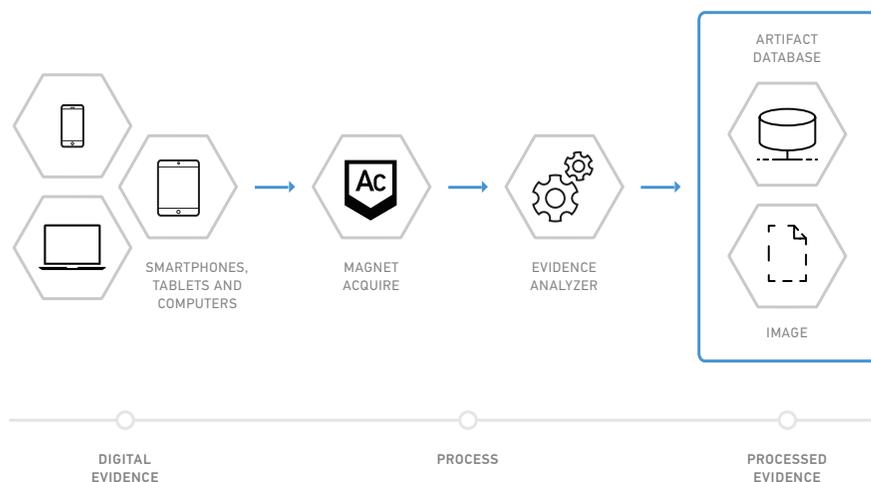
Magnet AXIOM's Single Stage Evidence Processing automates all the acquisition and processing tasks required to prepare evidence for analysis.

Convert idle computer time, when you're out of the forensic lab, into productive time. Magnet AXIOM allows you to queue up a series of acquisition and processing activities for multiple evidence items, like smartphones and computers, to be automatically executed.

FIND MORE WITH MAGNET AXIOM'S EVIDENCE ANALYZER

The Magnet AXIOM Evidence Analyzer is built on the analysis capabilities of Magnet IEF. The AXIOM Evidence Analyzer automates the discovery of digital forensic evidence - processing the raw unstructured and disparate data in forensic images, file dumps and extracts the meaningful data for each supported artifact type.

One search to recover hundreds of types of artifacts

AXIOM's Evidence Analyzer searches for hundreds of different types of digital forensic artifacts at one time.

- Recovers evidence from 290+ types of Artifacts from Windows and Mac computers
- Recovers 500+ types of Mobile Artifacts from iOS, Android, and Windows Phone powered smartphones and tablets

Find more evidence from deleted space

AXIOM's Evidence Analyzer recovers more artifacts from both allocated and unallocated space by extracting data from full files or carving for deleted data and traces of data elements/fragments left behind by apps and websites, presenting it in an organized and easy to read format.

### Always stay current with artifact updates

Frequent artifact updates ensure AXIOM continues to recover evidence from new and updated applications. The team at Magnet Forensics dedicates tens of thousands of hours on artifact R&D every year.

Do more than find. Add processing options to enhance your case.

Add hash sets to either filter out non-relevant files to enhance search performance and reduce false positives or add hash sets that will specifically call out and identify known bad pictures and videos.

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Magnet AXIOM Examine

POWER AND SIMPLICITY IN AN EASY-TO-USE INTERFACE
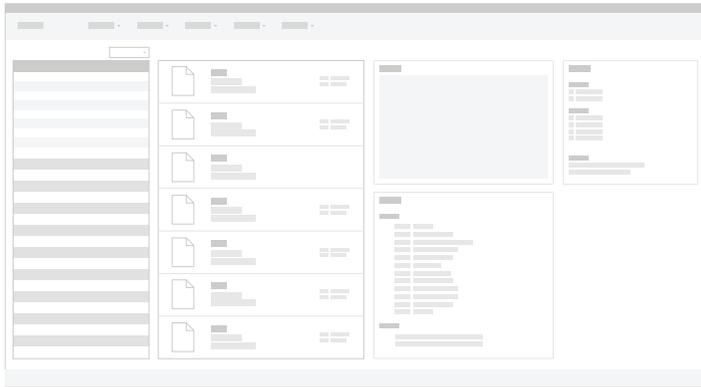
Magnet AXIOM Examine has a powerful new interface that was designed to feel natural and familiar. The framework of the user interface allows you to work through your examination more easily – jumping between high level detail and the source data of specific artifacts.

Artifact Explorer

ANALYZE EFFICIENTLY

Quickly identify important evidence from the start with the Artifact Explorer. Drawing from the artifact database, which is comprised of distinct artifact tables for each supported artifact type, the Artifact Explorer is designed to make it easier and faster for examiners to review and analyze large volumes of digital evidence.

ZERO IN ON EVIDENCE

The process of going from a large volume of data to specific pieces of evidence can be iterative and time consuming. Using the many functions and features in the Artifact Explorer, you can quickly change what you see and how you see it. Filter, group, sort, or search to narrow down and pinpoint important artifacts of interest.

Dig Deeper into the File System and Registry

Build a more complete picture of the user's activity. Once you've identified artifacts of interest with the Artifact Explorer, dig into the file system and registry to verify artifacts, and discover related evidence.

FILE SYSTEM EXPLORER

The File System Explorer lets you explore the file system tree of your evidence source and examine additional content such as unallocated space and volume slack. Recursive views allow you to navigate hierarchical file structures.

REGISTRY EXPLORER

The Registry Explorer allows you to navigate the complex relational hierarchy of a Windows registry and links artifacts and files directly to registry keys, decreasing the amount of time you spend traversing the tree.

SOURCE LINKING

Source linking allows you to explore the relationship between recovered artifacts and source location of files.

- **Source Links:** jump from an individual recovered artifact in the Artifact Explorer directly to the original file source location in the file system or registry
- **Related Evidence Links:** jump from an individual file or folder in the File System Explorer or Registry Explorer, to a filtered view in the Artifact Explorer of all artifacts contained in the selected location

Collaborate and Share

When it's time to share results with stakeholders, or prepare evidence for courtroom testimony, AXIOM's sharing tools present information in a format that non-technical people can make sense of.

AXIOM PORTABLE CASE

Share an AXIOM Portable Case with colleagues, who can then view all search results without having an AXIOM license.

TRUE VIEW EXPORTS

No need to manipulate exported findings into a report template. Export them as you see them.

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AXIOM Computer Artifacts

Magnet AXIOM Evidence Analyzer recovers 290+ artifact types, including:

Social media	Bebo, Facebook, Google+, Instagram, LINE, LinkedIn, MySpace, Twitter, Sina Weibo, VK
Web-based email	Gmail, GMX, Hotmail, Hushmail, Mailinator, MBOX, Outlook.com, Yahoo!
Instant messaging / chat	Adium, AIM, Chatroulette, GoogleTalk, iChat, iMessage, Mail.ru, MSN Messenger, MSN Plus!, ICQ, Mail.ru, mIRC, Omegle, ooVoo, Paltalk, Pidgin, QQ Chat, Second Life, Skype, TorChat, Trillian, WeChat, Windows Live Messenger, World of Warcraft, Viber, Yahoo Messenger
Web browser	360 Browser, Chrome, Edge, Internet Explorer, Firefox, Opera, Safari, Xbox IE
Refined browsing results	Classifieds URLs, Cloud Service URLs, Facebook URLs, Google Analytics Cookies, Google Maps Queries, Identifiers, Malware/Phishing URLs, Parsed Search Queries, Pornography URLs, Rebuilt Webpages, Social Media URLs
P2P file sharing applications	Ares, Bitcoin, eMule, Frostwire, Gigatribe, Limerunner, Limewire, Luckywire, Shareaza, .torrent files, Usenet
Cloud services	Carbonite, Dropbox (including Dropbox database decryption), Google docs, Google Drive, Flickr, Sharepoint, SkyDrive/OneDrive
Pictures and videos (with EXIF data)	3GP, AMR, AVI, BMP, DIVX, GIF, ICO, JPEG, JPG, MP4, MKV, MOV, MPEG, MPG, PNG, TIF, TIFF, WMP
Web video recovery	Adobe Flash, Chatroulette, Camstumble, ChatForFree, iCU2, Shockrooms, YapChat
Mobile backups	Android backups, iOS backups
Usenet files	Binreader, Grabit, NewzToolz-EZ, Newsbin, Forte Agent, Xnews
Mapping	Bing Maps, Google Maps
Search toolbars	Bing Toolbar, Google Toolbar
Corporate email and messaging artifacts	mbox email archives, Microsoft Lync/OCS IM, Outlook OST & PST files, ZOOM
Document file artifacts	.doc & .docx, .xls & .xlsx, .pdf, .ppt & .pptx
Windows OS artifacts	Event logs, Jumplists, LNK files, Mounted network shares, OS and file system info, Prefetch files, Shellbags, Startup items, Time zones, User accounts, USB device history

Types and Sources of Evidence

Magnet AXIOM Evidence Analyzer enables the examination of the following:

Supported operating systems	Android, Kindle Fire, Windows XP, Windows VISTA, Windows 7, Windows 8, Windows 8.1, Windows 10, OS X, iOS
Supported file systems	NTFS, HFS+, HFSX, EXT2, EXT3, EXT4, FAT32, EXFAT, YAFFS2
Search input sources	Drives, files & folders, images, JTAG and chip off images, network shares, live RAM captures, physical & logical mobile images, volume shadow copies, volumes/partitions
Supported forensic image file formats	E01, Ex01, L01, Lx01, AD1, dd, raw, bin, img, dmg, flp, vfd, bif, vmdk, vhd, vdi, xva, zip, tar
Target search locations	Pagefile.sys, $MFT, $Logfile, files and folders, hiberfil.sys, unallocated clusters, unpartitioned space, file slack space, swap file, uninitialized file area
Disk encryption	Detects encrypted disks/volumes including Truecrypt, Bitlocker, PGP, and Safeboot

Evidence Acquisition

Magnet AXIOM can acquire evidence from the following devices and operating systems:

Mobile OS	Android, iOS
Desktop OS	Windows, OS X, Linux
Drive types	HDD, SSD, SD flash drives, and USB

AXIOM Smartphone Artifacts

Magnet AXIOM Evidence Analyzer recovers 500+ artifact types, including:

Native Mobile OS Applications	
SMS	Android SMS / MMS, iOS SMS / MMS, Windows Phone SMS/MMS
Contacts	Android contacts, iOS contacts, Windows Phone Contacts
Email	Android Mail, Gmail, GMX mail, iOS Mail, Yahoo! Mail
Voicemail	Android voicemail, iOS voicemail, Skype voicemail, AMR audio clips
Browsers	Chrome, Dolphin, Firefox, Puffin, Safari, Silk
Mapping	Apple Maps, Google Maps
Pictures and video	3GP, AMR, AVI, BMP, DIVX, GIF, ICO, JPEG, JPG, MKV, MOV, MP4, MPG, MPEG, PNG, TIF, TIFF, WMP
Notes	iOS Notes, Outlook notes
Downloads	Android downloads, iOS downloads, .torrent files
Phone logs	Android call logs, iOS call logs, Windows Phone call logs
Caches	Cell cache, iOS App Cache, iOS Snapshots, WiFi cache
3rd Party Mobile Applications	
Chat	AIM, BBM, Burner, Google Hangouts, GTalk, Growlr, Grindr, WhatsApp, Kik Messenger, LINE, QQ Chat, Snapchat, Skype, Textfree, TextNow, TextPlus, TextMe, Telegram, TigerText, Tinder, Touch, Viber, WeChat, Zoom
Social media	Facebook, Foursquare, Instagram, Meet 24, Sino Weibo, Twitter, VK, Whisper, Yik Yak
Cloud services	Dropbox

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