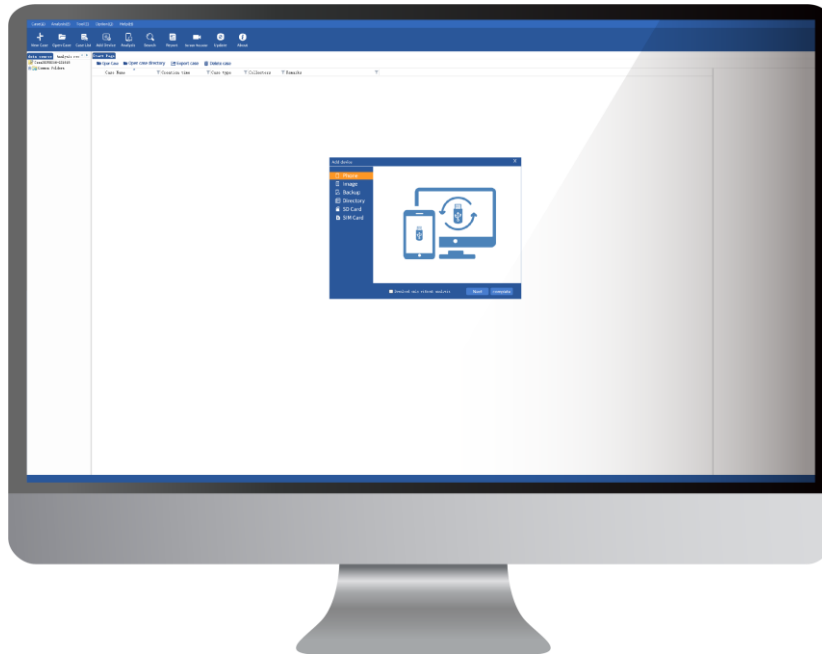


AX-MFS Mobile Forensic System

Product Introduction

The AX-MFS (Mobile Forensic System) is a **fully automated, AI-driven mobile forensics platform** designed for comprehensive data extraction, analysis, and recovery across **10,000+ iOS and Android devices**. Combining advanced automation, cross-platform compatibility, and forensic-grade precision, it streamlines investigations for law enforcement, corporate security, and legal professionals.



Key Features

1. Automated Device Recognition & Extraction

- **Smart Detection:** Automatically identifies device brand/model (Apple, Huawei, Samsung, Xiaomi, etc.) and selects optimal extraction protocols.
- **Wide Compatibility:** Supports **iOS 8-17+** and **Android 4.4-14+**, including niche brands (Nubia, Coolpad, OnePlus).
- **Cloud & App Coverage:**
 - **30+ Cloud Services:** Extract data from WeChat Pay, Alipay, iCloud, Huawei Cloud, Xiaomi Cloud, and more.
 - **180+ Apps Parsed:** Includes WhatsApp, Telegram, Facebook, TikTok, banking apps, ride-hailing (Didi), and travel platforms (Ctrip, Qunar).

2. Advanced Data Recovery & Analysis

- **Deleted Data Recovery:**
 - Recover deleted photos, videos, files, and chat attachments (WeChat/QQ) from **Android devices, disk images (DD/E01/VMDK), or phone emulators**.
 - Restore encrypted Office metadata and iOS Keychain entries (Wi-Fi passwords, app credentials).
- **WeChat Forensics:**
 - **Payment Analysis:** Parse transaction records (payments/refunds/transfers) with **order numbers, timestamps, and merchant IDs**.

- **Group Chat Analytics:** Rank message frequency by sender and filter dynamically.

3. Forensic Tools & AI Analytics

- **Multi-Instance App Support:** Extract data from **30+ parallel/cloned apps** (e.g., dual WeChat, WhatsApp).
- **Hex & SQLite Tools:**
 - **Hex Viewer:** Decode hex data with **26+ templates** (timestamps, encoded strings).
 - **SQLite Browser:** Access encrypted databases with password input.
- **AI-Driven Insights:**
 - **Person Correlation Mapping:** Visualize relationships via chat/email interactions; edit node graphs and filter irrelevant entities.
 - **Geolocation Aggregation:** Map GPS data from apps, photos, and system logs.
 - **User Behavior Timelines:** Track activity patterns (daily/monthly) with charts.

4. Comprehensive File Management

- **File Classification:** Organize 1,000+ file types (manually editable) for rapid review.
- **Preview Suite:** View 150+ file formats (documents, images, videos) natively.
- **Search Capabilities:**
 - **Multi-Keyword Search:** Use wildcards, regex, and Boolean logic.
 - **OCR Recognition:** Extract text from images for keyword matching.

5. Reporting & Compliance

- **HTML/CSV Reports:** Generate court-ready reports with interactive timelines, transaction summaries, and evidence links.
- **Screen Recording & Mirroring:**
 - Capture device screens remotely; generate **MD5-verified video logs** (full-screen or partial).
- **Data Integrity:** Hash verification (MD5) for all extracted files and recordings.

6. Specialized Utilities

- **One-Click Recovery:** Restore deleted photos/recycle bin files from Android devices.
- **Command-Line Tools:** Advanced users can execute custom scripts or bulk data transfers.
- **Data Migration:** Clone device data to external storage securely.

Technical Highlights

- **Cross-Platform Support:** Full compatibility with **iOS (including Keychain)** and **Android (rooted/non-rooted)**.
- **Enterprise Scalability:** Process multiple devices simultaneously for high-volume cases.
- **Compliance:** Meets **ISO 27037**, **NIST**, and **GDPR** standards for forensic integrity.

Use Cases

- **Law Enforcement:** Investigate financial fraud, cybercrime, or organized crime via transaction records, deleted chats, and geolocation data.

- **Corporate Audits:** Detect insider threats, policy violations, or data leaks from employee devices.
 - **Legal Forensics:** Build evidence timelines for litigation using AI-generated relationship maps and behavior analytics.
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Why AX-MFS?

- **Depth:** From **payment forensics** to **encrypted file recovery**, no detail is overlooked.
- **Speed:** Automate 90% of workflows, reducing manual effort.
- **Adaptability:** Regular updates ensure compatibility with new devices, apps, and OS versions.

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