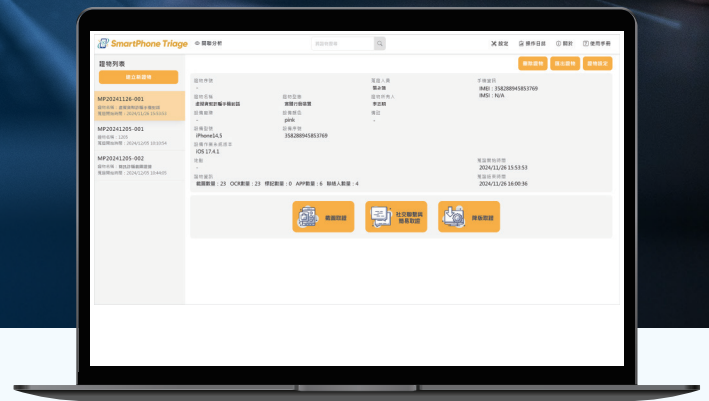




# SmartPhone Triage

SmartPhone Triage assists law enforcement or investigators in collecting evidence from mobile phones suspected of being involved in crimes or leaking confidential information. It uses screenshot capture and contact extraction methods, performing text recognition and keyword searches based on conversation screenshot images. The system quickly generates an evidence report, effectively improving the efficiency of preliminary evidence collection.



### Automatically Screenshots

Select an app within the phone, such as a chatting app, and it will automatically capture screenshots of all chat rooms.

### Conversation Text Recognition

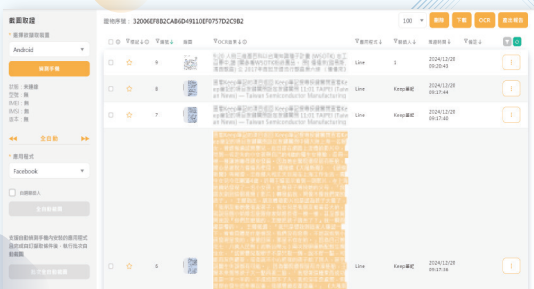
Automatically performs Optical Character Recognition (OCR) on captured conversation records to generate highly accurate text files, addressing the issue of insufficient efficiency in evidence reproduction.

### Auto-Generated Report

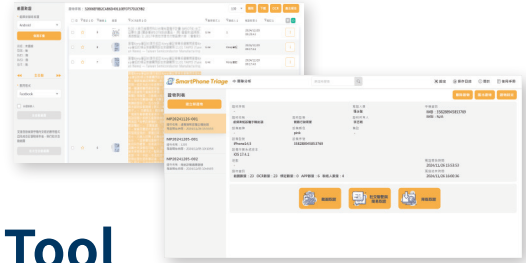
Automatically generates forensic reports, accelerating case handling efficiency and ensuring the integrity of evidence.

### Supports Various Phone Models

This system supports both iOS and Android operating systems, and can also operate on different phone models.



“ This product has been widely used by central and local law enforcement agencies, as well as private enterprises, allowing users to extract information from suspects' mobile phones in a short period of time to improve evidence collection efficiency. ”



## A Highly Efficient Investigation Tool

### Communication Record Search: Rapidly Collect Chat Text

Traditional manual methods of searching mobile phone data are time-consuming and labor-intensive, and may result in missing important evidence. This system can take screenshots of conversations from various social media apps on the phone, further performing OCR to recognize text in the screenshots. It then searches based on conditions such as keywords or contacts, ultimately generating a relevant evidence report.

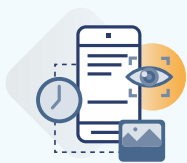
### Expanding Investigation Scope: Broadening Insights into Potential Connections

The system has a scrolling page feature and can automatically enter chat rooms to capture screenshots for evidence. It then analyzes contact information to expand the identification of potential individuals involved, helping investigators gain insight into the criminal network.



#### Screenshot

- Android System:  
After connecting an Android phone, USB Debugging mode must be enabled. It supports features such as fully automated screenshots, batch automated screenshots, single screenshot capture, interval screenshots, continuous scrolling screenshots, and file imports.
- iOS System:  
After connecting an iOS phone, Developer Mode must be enabled, and the Voice Control feature (iOS version 13 or higher) must be activated. It supports both manual single screenshot capture and automatic page scrolling screenshots.
- Currently, we support 13 apps, including traditional SMS, Facebook, Messenger, Line, Skype, WeChat, WhatsApp, and more.
- The screenshot function can still be operated while the phone is in airplane mode.



#### OCR and Report Generation

- Select image files for OCR, and store the results in a database for searching.
- You can select screenshot evidence and generate forensic reports that include images, file names, collection timestamps, and other relevant details.



#### Case Management and

- When creating a case, you can choose whether to automatically perform OCR during evidence collection, and select the language for OCR.
- It includes a keyword search function that allows you to search within a single case or across multiple cases. The search results display fields such as tags, numbers, thumbnails, OCR results, applications, contacts, and notes, all of which support sorting and filtering.



### About BlockChain Security

Founded in 2018, by industry experts with over 17 years in digital forensics, evidence preservation and information security. We noticed the gap of blockchain adaptations and began our mission to combine two core technologies; blockchain and information security.