DIGITAL FORENSICS TOOL · USER GUIDE

DECIPHER-iKakao

Decrypting & analyzing KakaoTalk messages from encrypted iOS backups

Windows | Standalone .exe | English Edition

Regular chat & OpenChat · deleted-message recovery · attachments & downloaded files

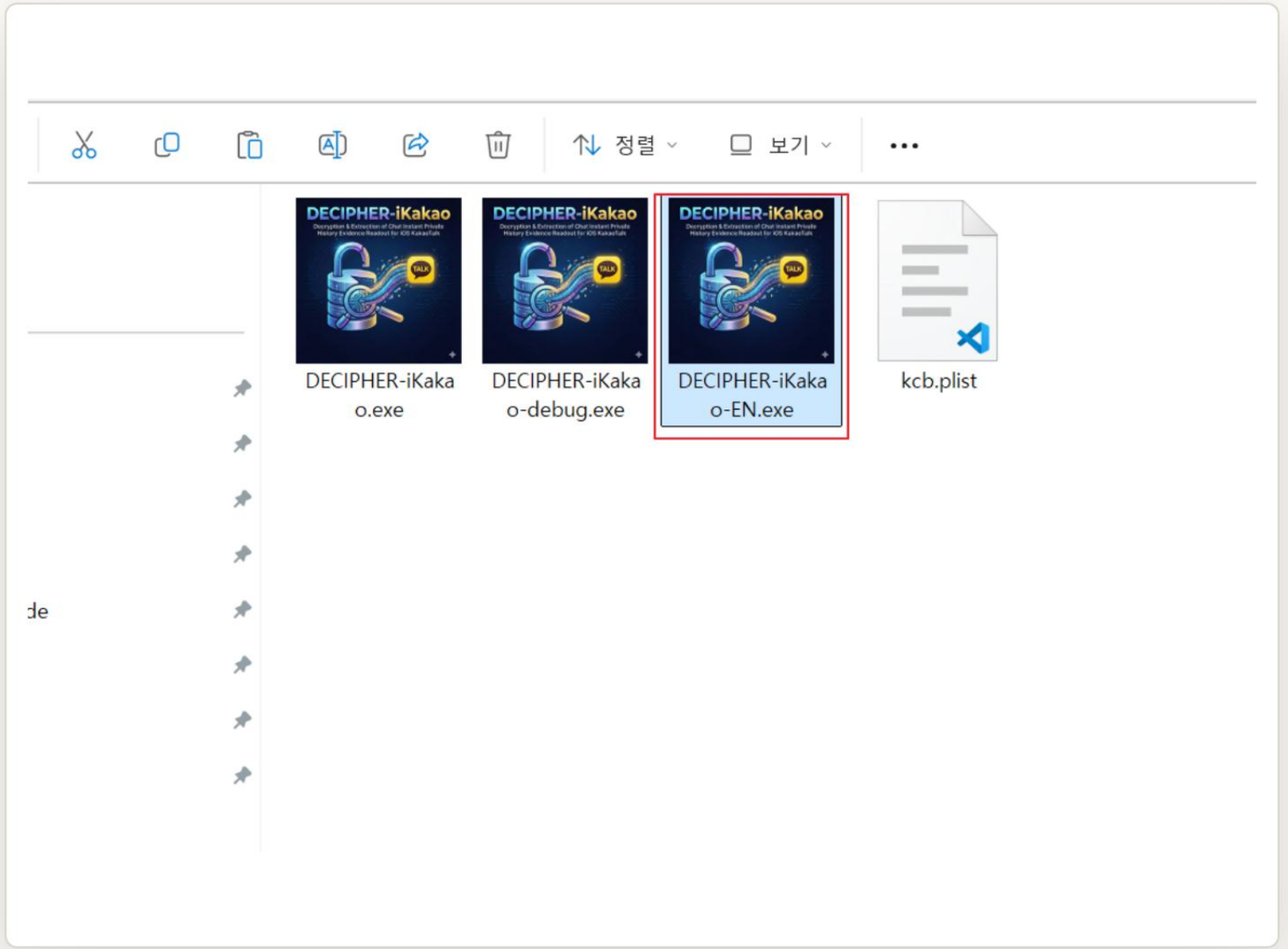
STEP 01 · LAUNCH

01

Launch the English build

Run the standalone executable — no installation required.

Double-click `DECIPHER-iKakao-EN.exe` in the `dist` folder.



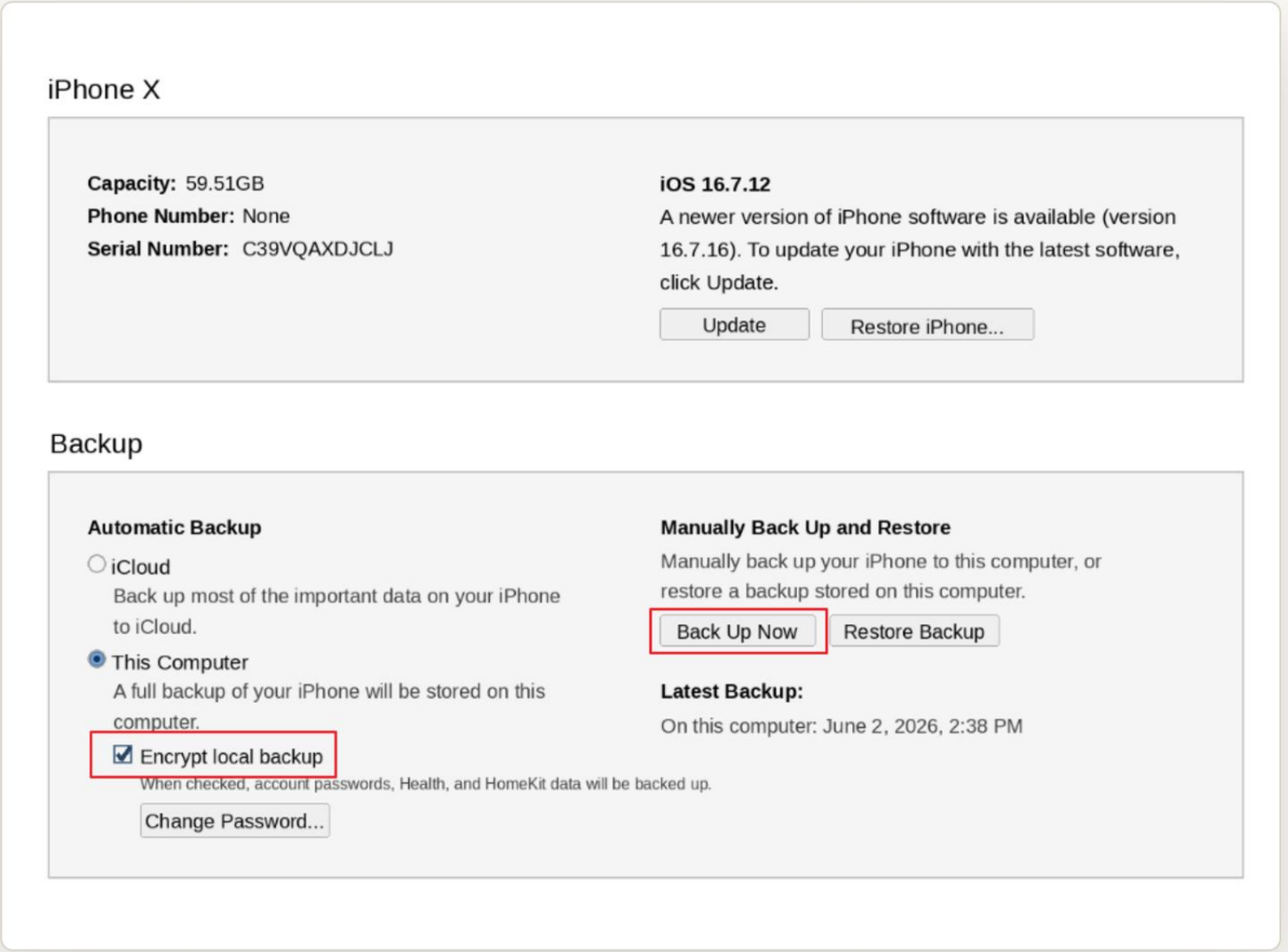
STEP 02 · BACKUP

02

Create an encrypted iTunes backup

Back up the iPhone to this computer in Finder / iTunes.

Enable `Encrypt local backup`, set a password, then click **Back Up Now**.



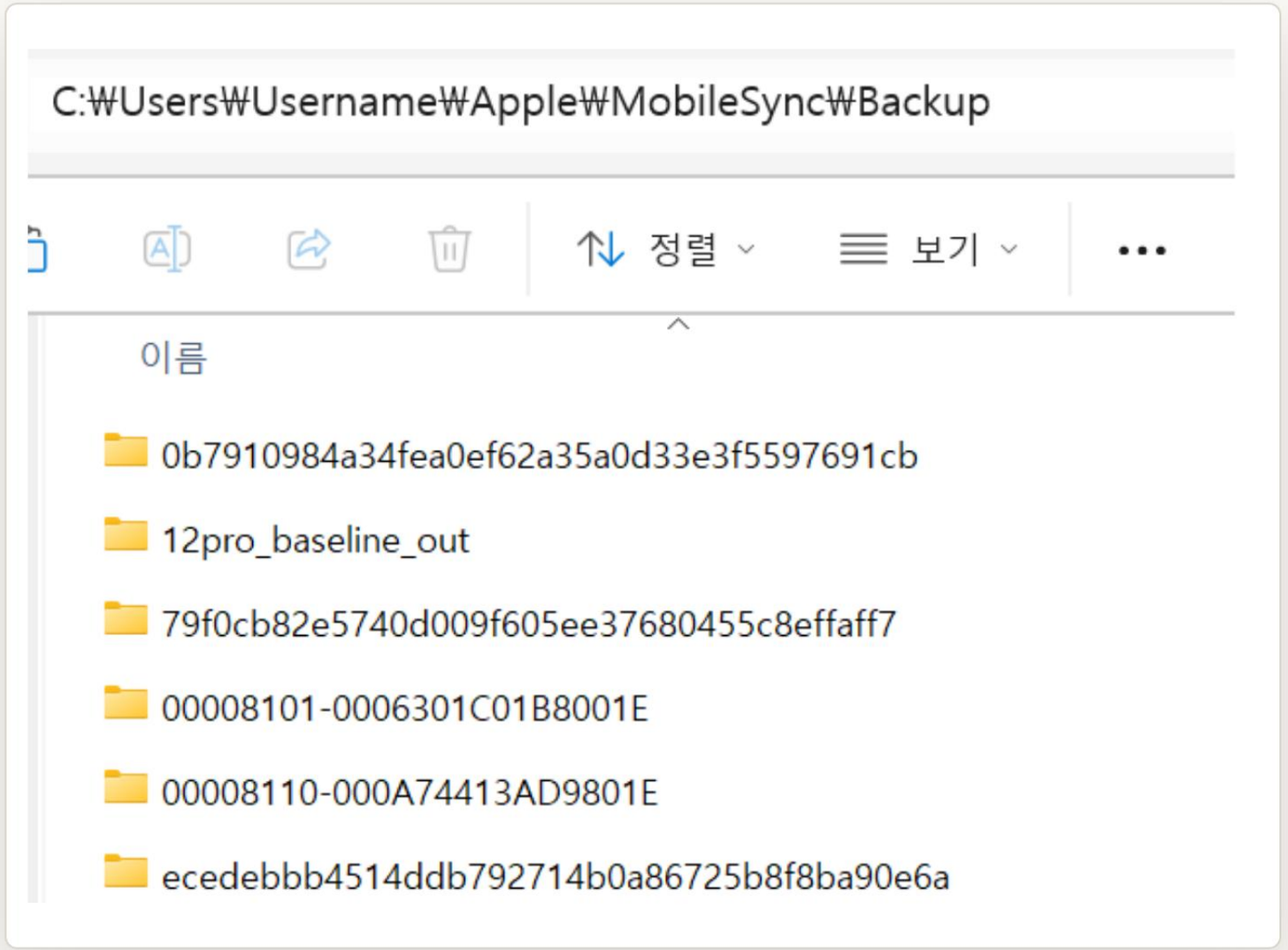
STEP 03 · LOCATE

03

Find the backup folder

Windows stores device backups under MobileSync.

Path:
`…\Apple\MobileSync\Backup\<UDID>`.
Each UDID folder is one backup and holds `Manifest.db`.



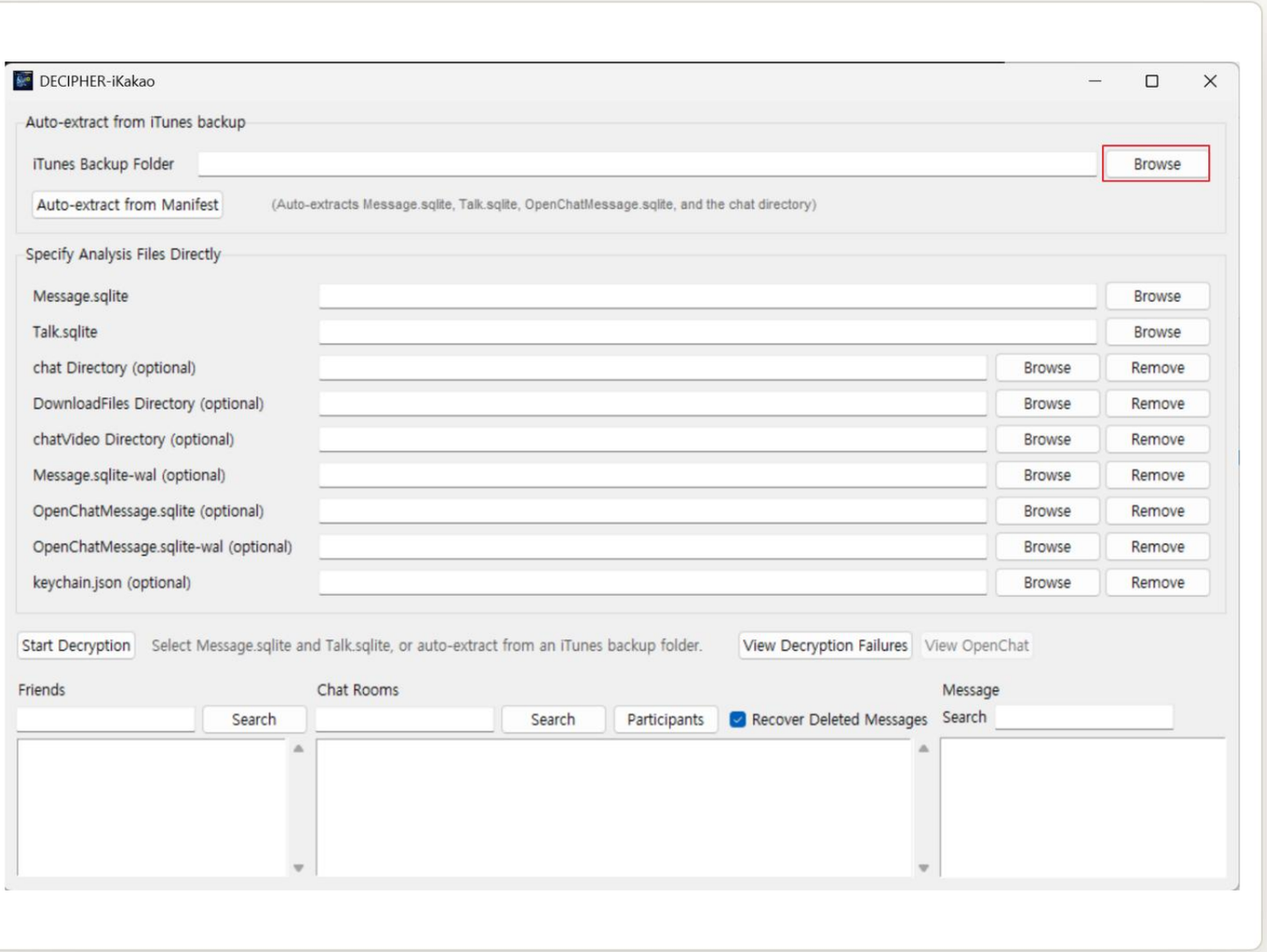
STEP 04 · LOAD

04

Load the backup into the tool

Open the main window and point it at the backup.

Under **Auto-extract from iTunes backup**, click **Browse** beside `iTunes Backup Folder` and select the UDID folder.



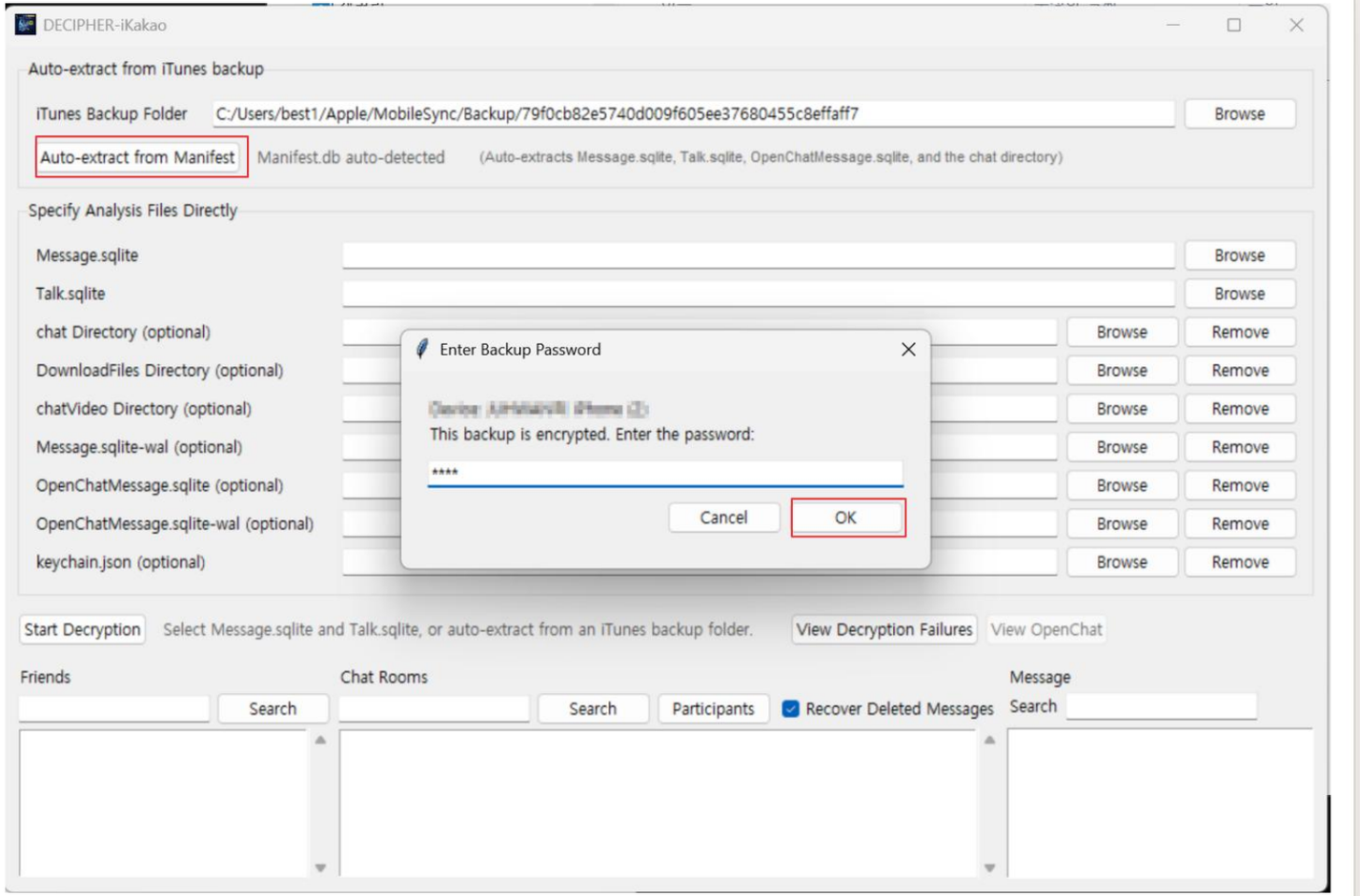
STEP 05 · EXTRACT

05

Auto-extract & enter password

Extract the KakaoTalk databases from the backup.

Click **Auto-extract from Manifest**. When prompted, type the backup password and click **OK**.



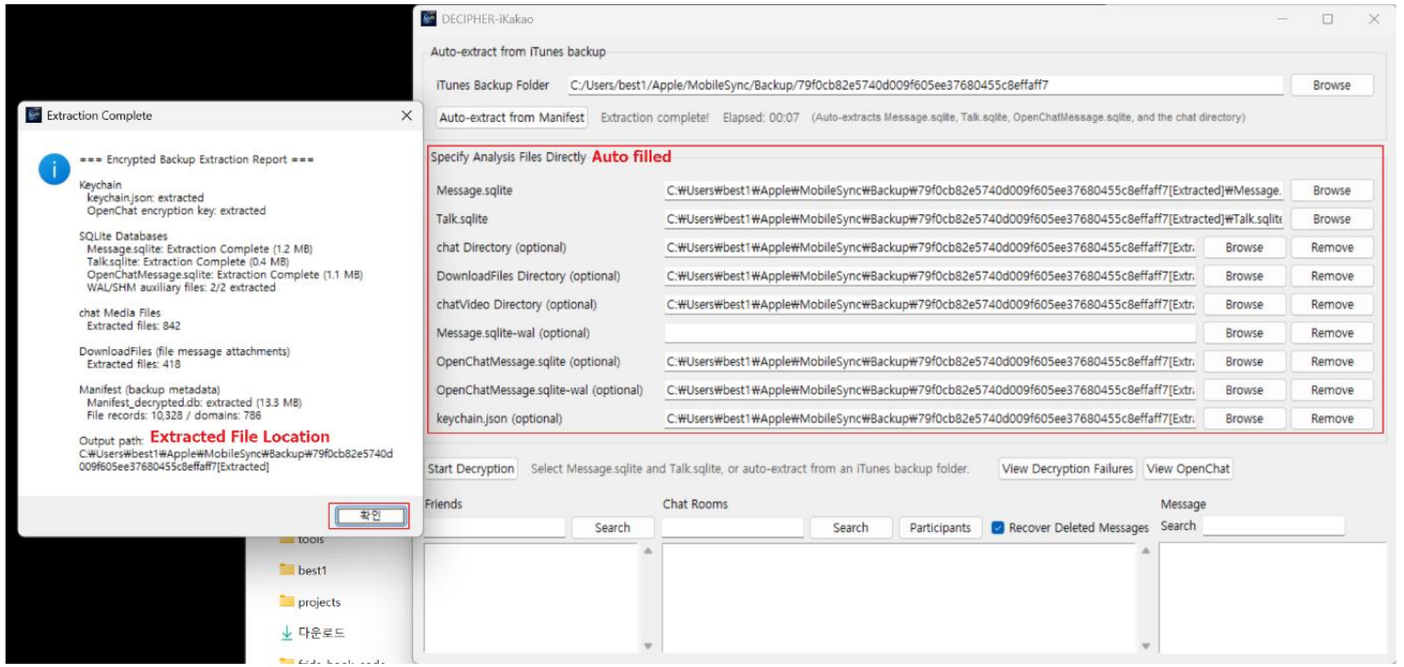
STEP 06 · REPORT

06

Extraction complete

A report lists every artifact that was recovered.

Keychain, `Message.sqlite`, `Talk.sqlite` and `OpenChatMessage.sqlite` are extracted; the file fields auto-fill.



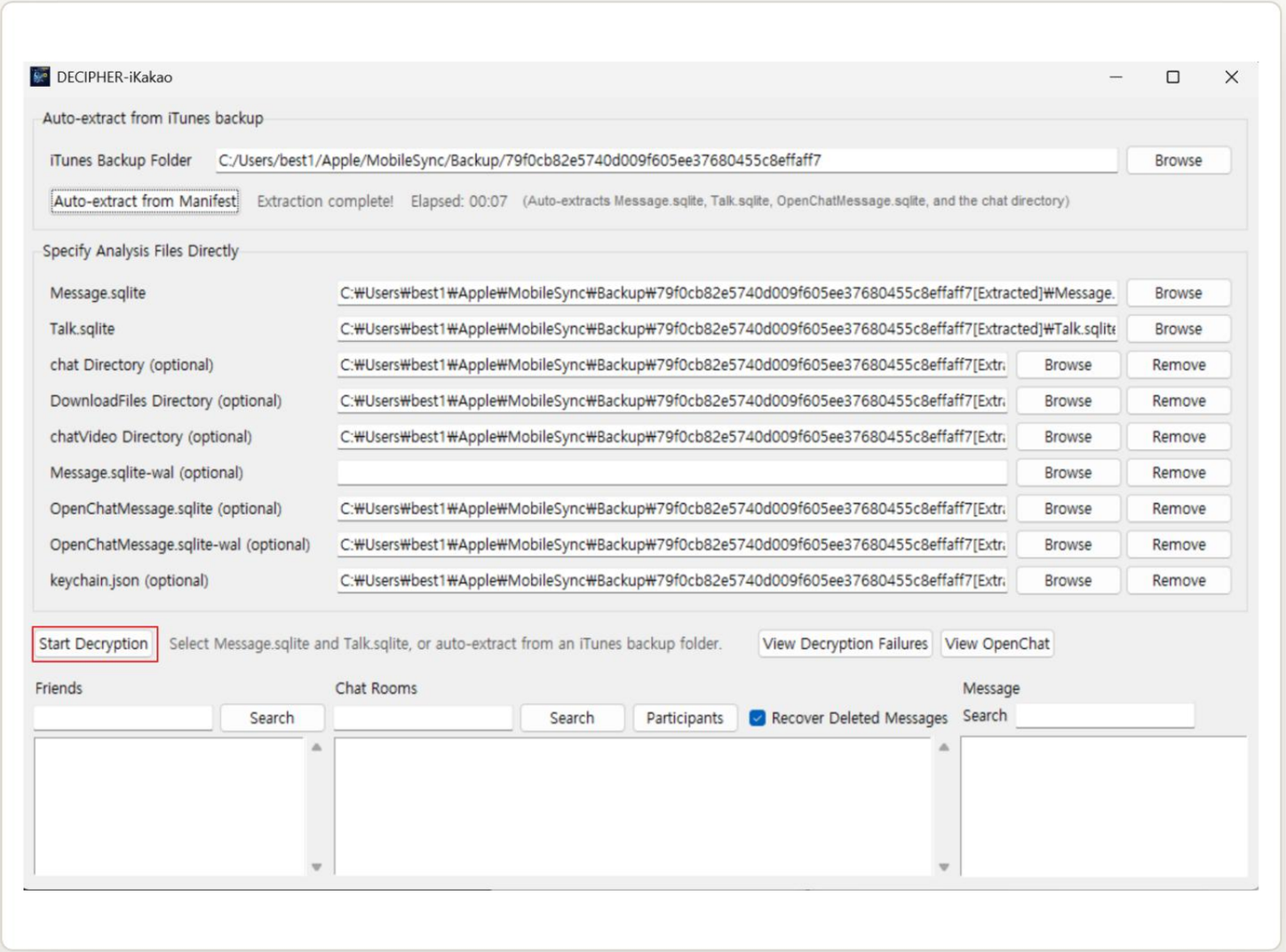
STEP 07 · DECRYPT

07

Run decryption

Decrypt the extracted databases.

Optionally tick **Recover Deleted Messages**, then click **Start Decryption**.



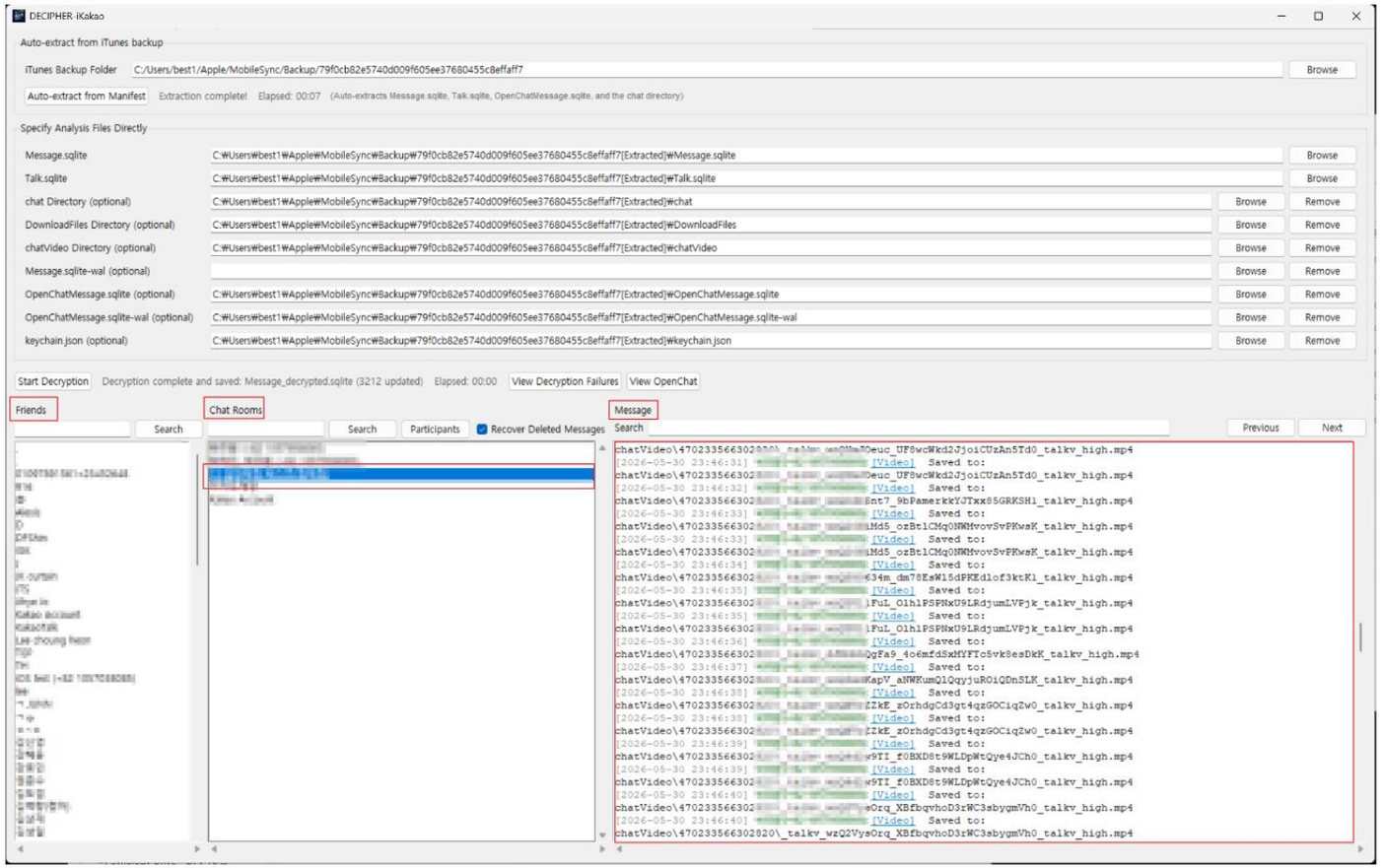
STEP 08 · REVIEW

08

Browse decrypted messages

Read conversations with timestamps and attachments.

Select a room in **Chat Rooms** to load it under **Message**. Use **Friends**, **Search** and **Participants**.



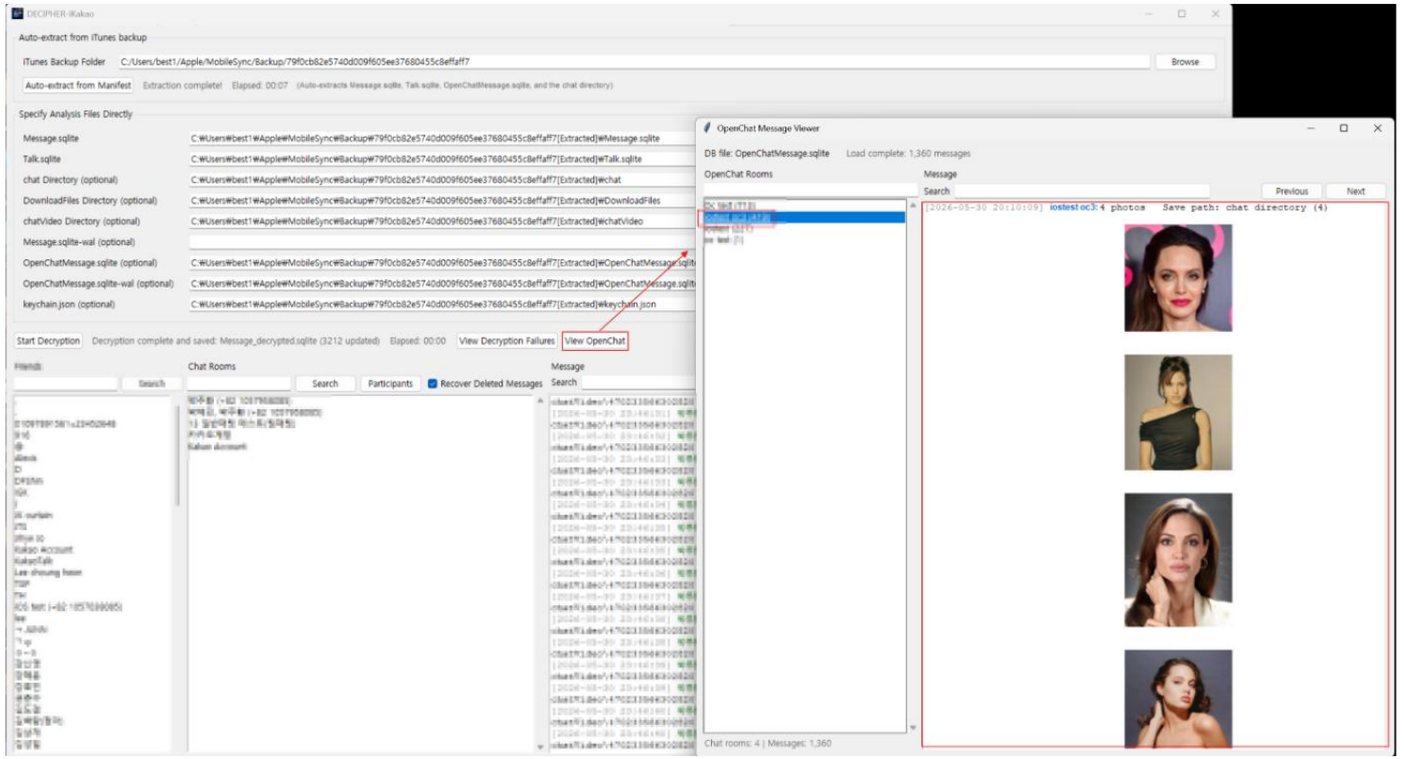
STEP 09 · OPENCHAT

09

View OpenChat messages

Decrypt and read OpenChat (SQLCipher) rooms.

Click **View OpenChat** to open the OpenChat Message Viewer. Multi-photo messages render inline.



STEP 10 · MEDIA

10

Jump to saved media

Trace any attachment to its file on disk.

Click a sent or received photo, file, or video to open its saved location in the `DownloadFiles` folder.

