Goal: extract and analyze evidence from mobile devices such as phones, tablets, and IoTs. Purpose: admissible in a court of law, data collected and analyzed must be recorded, chain of custody, and significant to present to a judge.

MFT – Cellebrite – paid service tool

Areas to collect from: Device's memory, SIM card, SD card and any external storage.

Evidence to collect: text messages, call logs, contacts, photos, videos, and documents.

Capabilities:

Extract call history (native cellular call logs, timestamps, durations) from Android and iOS (logical, file system, physical where possible).

Parse VoIP/messaging app artifacts (WhatsApp, Viber, Skype, Telegram, Signal — messages, call records, sometimes connection/session metadata).

Recover related artifacts: SMS, block lists, voicemail metadata, missed calls, notification caches.

Location artifacts: Wi-Fi histories, GPS/location DBs, cell-tower scanning logs were present, Google Location History, Photos geotags.

Timeline correlation & reporting: combine events across devices and apps, produce timelines and reports admissible in court.

Cloud extraction: can sometimes pull cloud backups which could include additional call or session metadata.