Soundminer

A Stealthy and Context-Aware Sound Trojan for Smartphones

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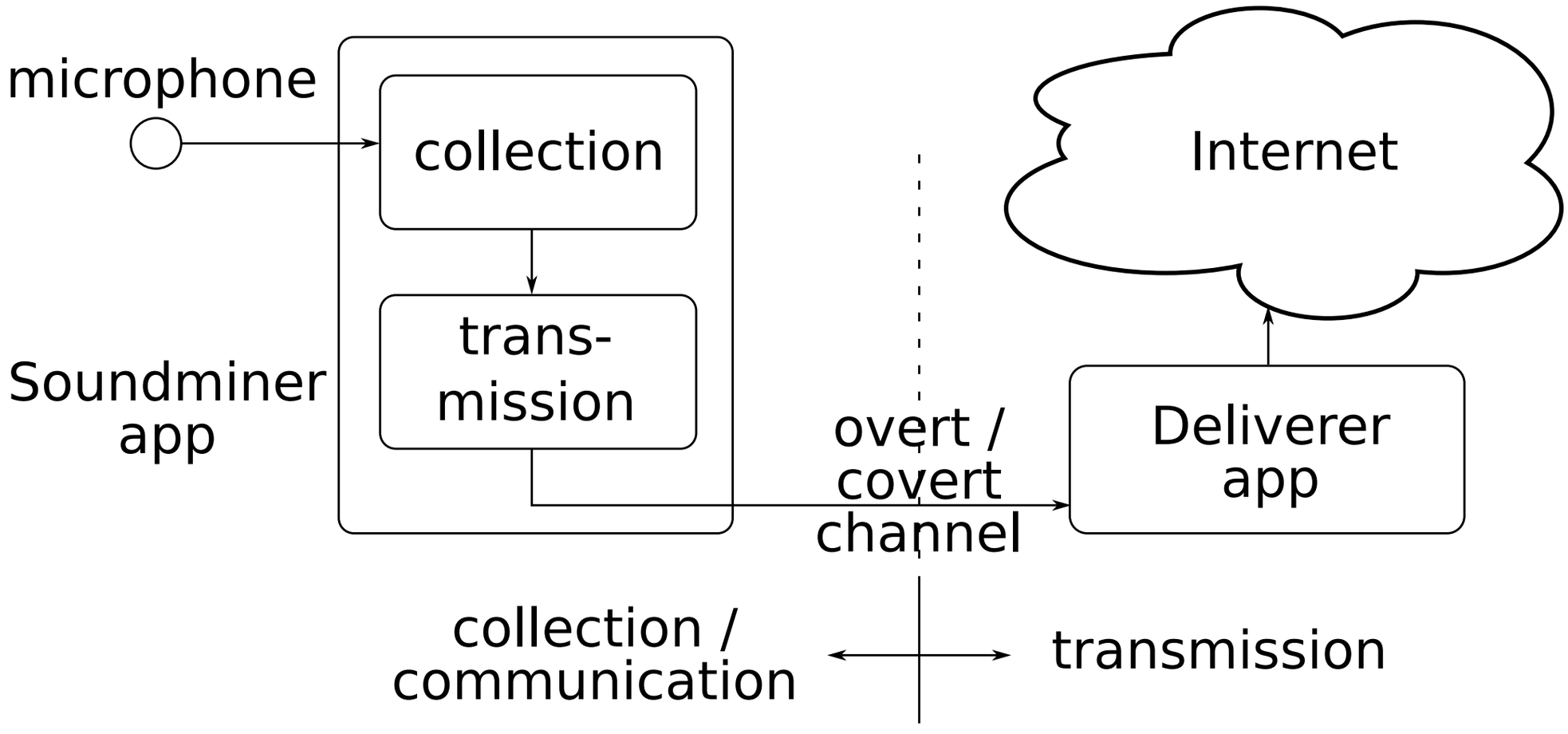
“Sensory Malware”

- Malware equipped with sensors
  - Steal video
  - Steal audio
  - Steal location
  - Steal activities
  - ...

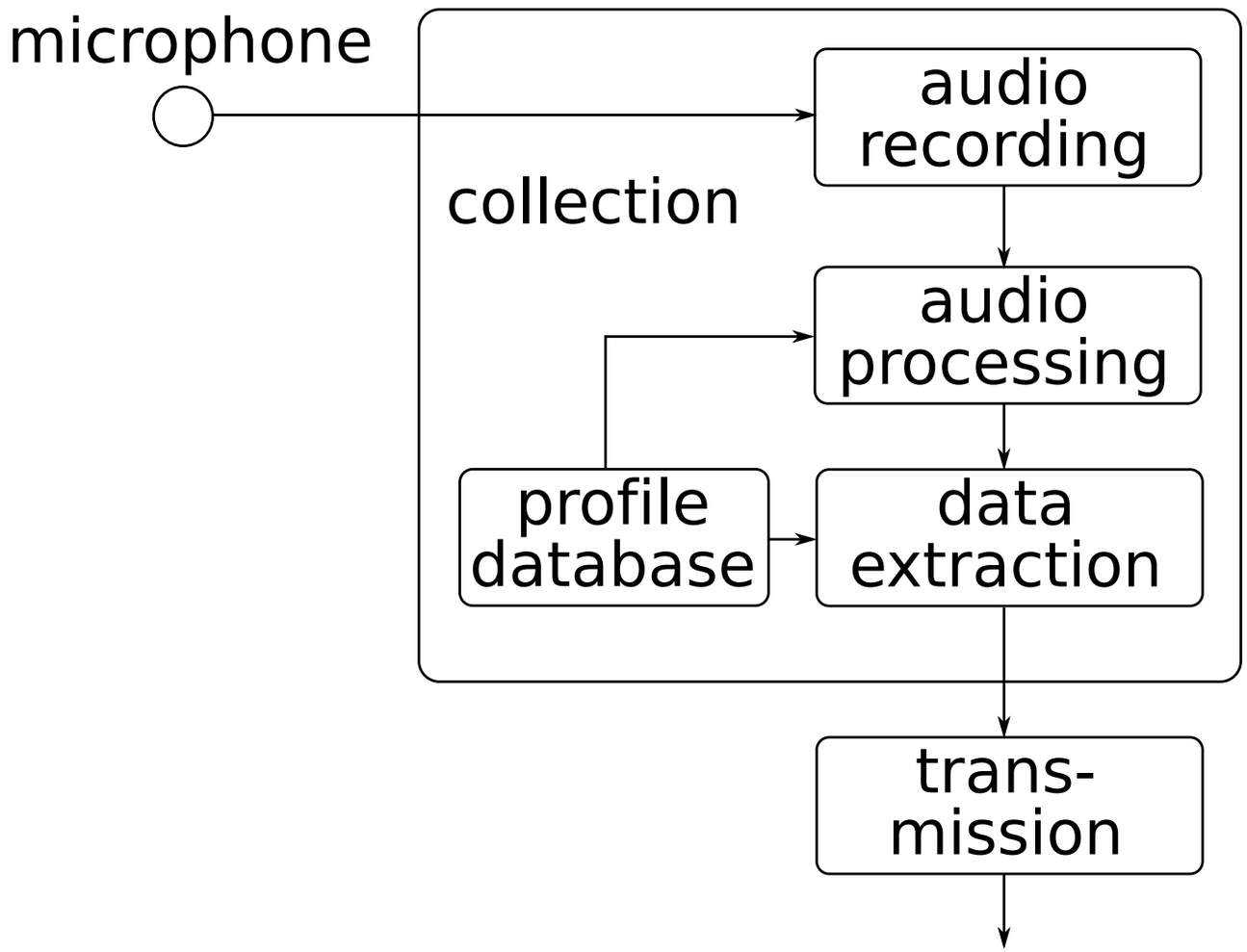
Steal credit card numbers

- Recognize phone calls made to companies
- Understand how humans interact with IVR
- Guided extraction of sensitive information
- Transmission to malware master

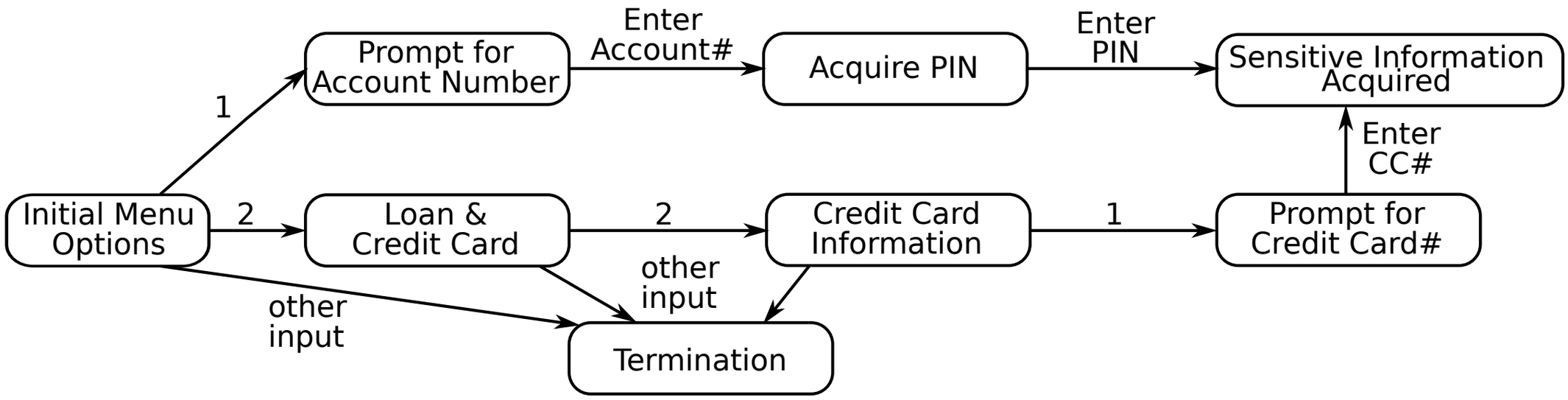
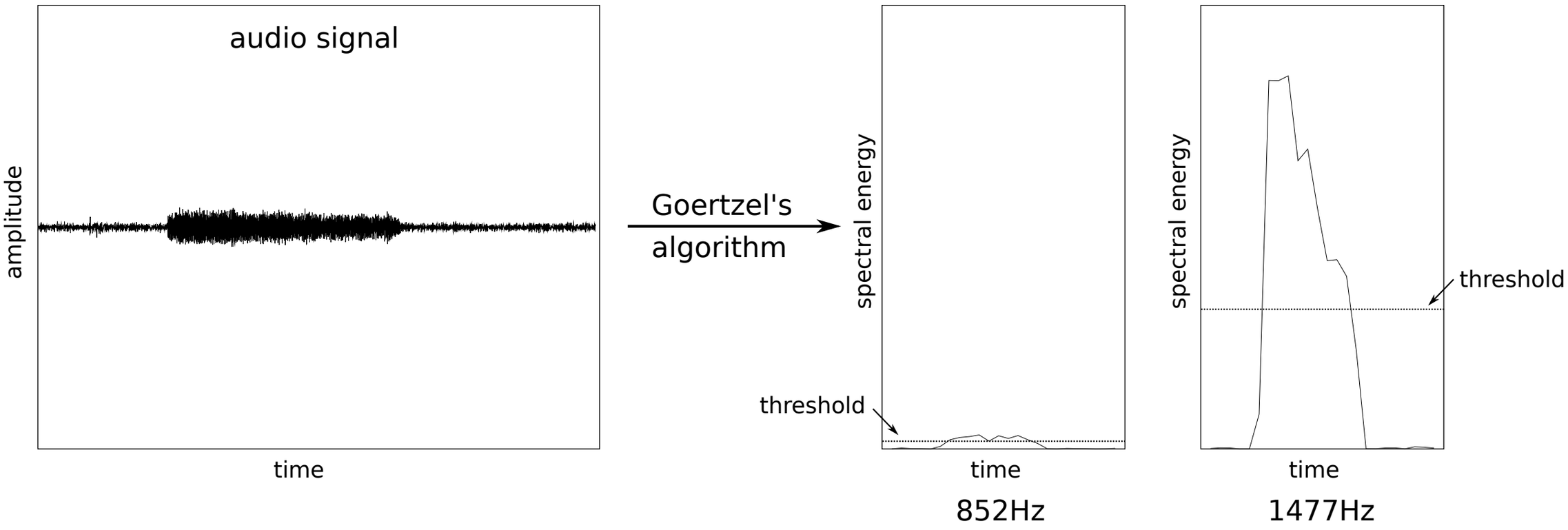
Paired Trojan applications



Collection Step



Profiles:
State machine of IVR



DTMF Tone extraction “9”