

Soundminer

A Stealthy and Context-Aware Sound Trojan for Smartphones

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“Sensory Malware”

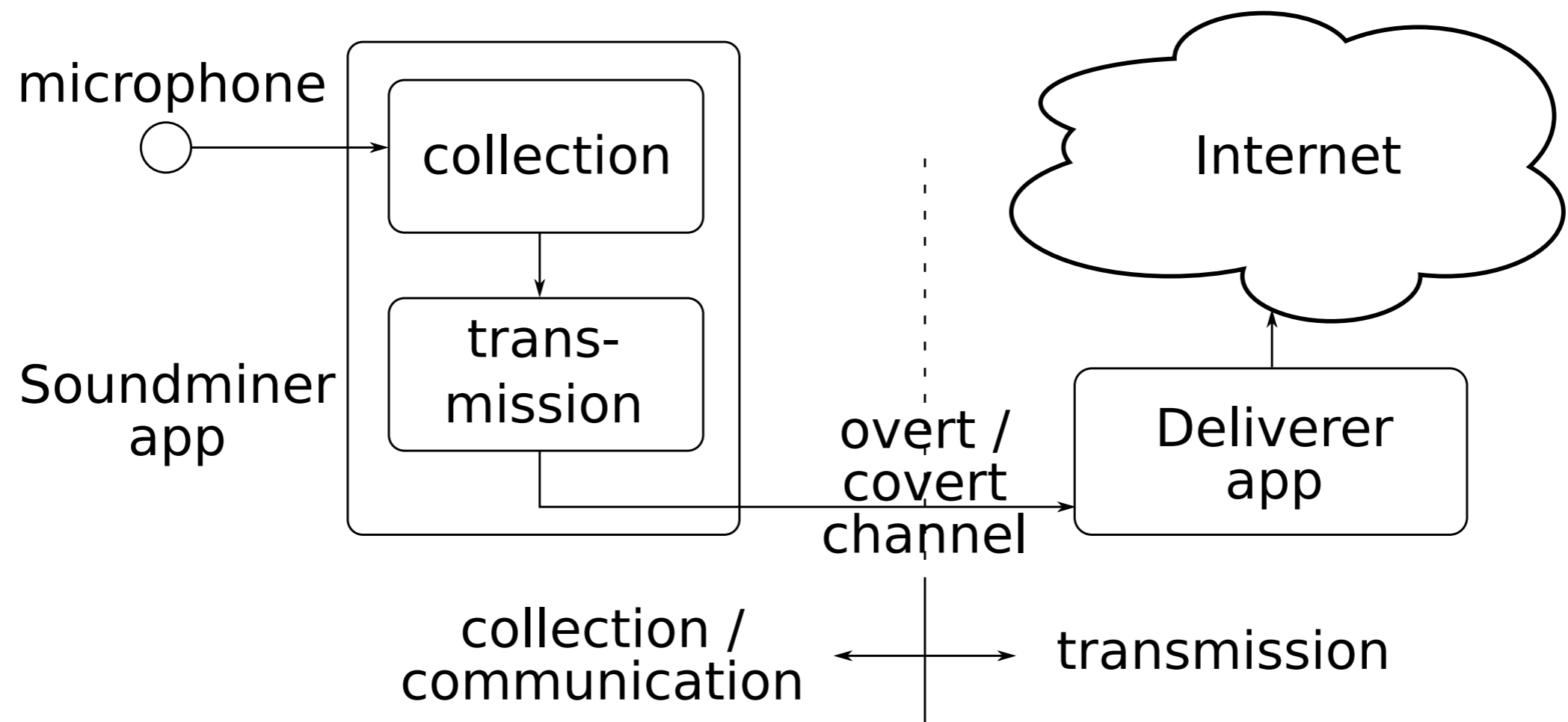
- Malware equipped with sensors
 - Steal video
 - Steal audio
 - Steal location
 - Steal activities
 - ...



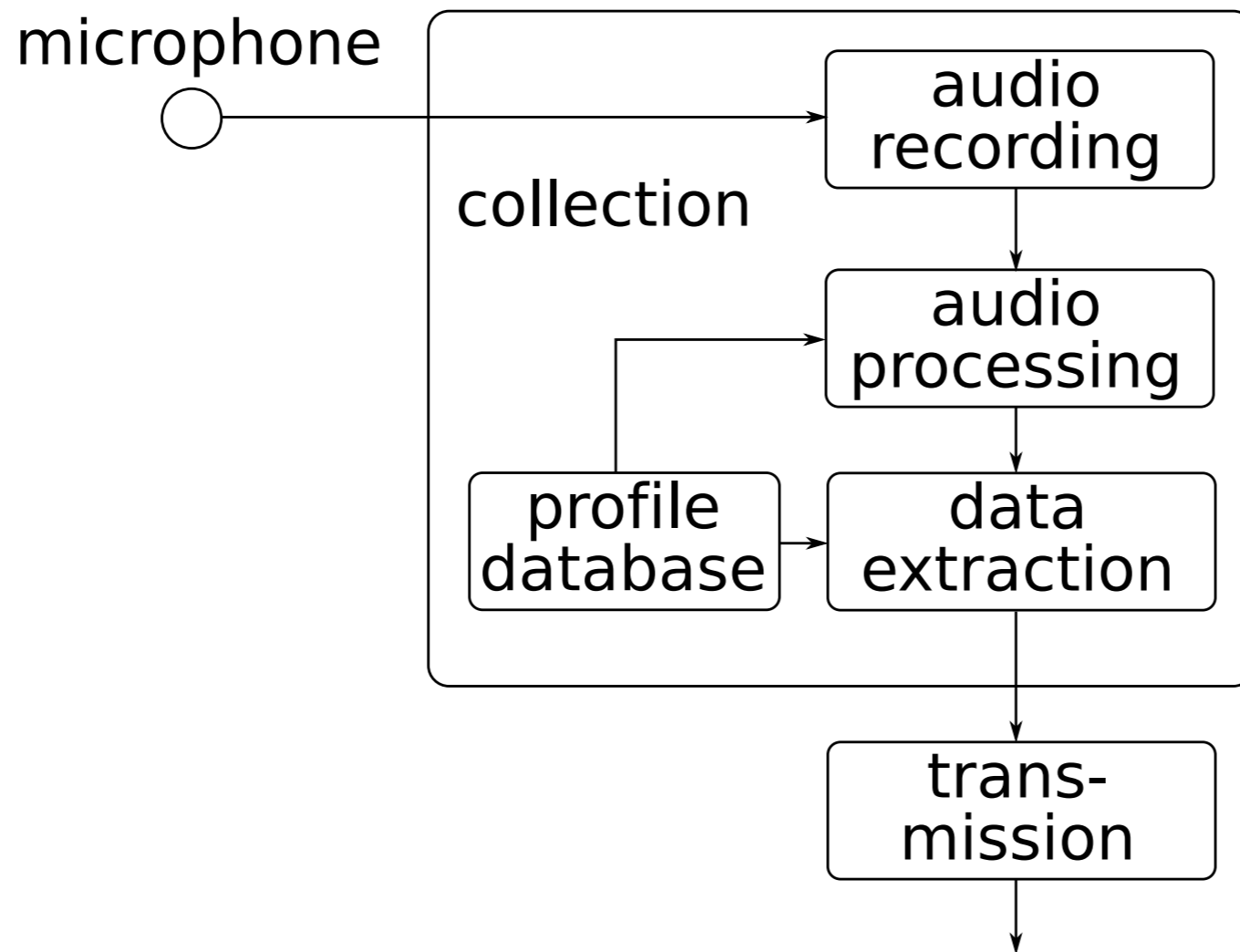
Steal credit card numbers

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

Paired Trojan applications

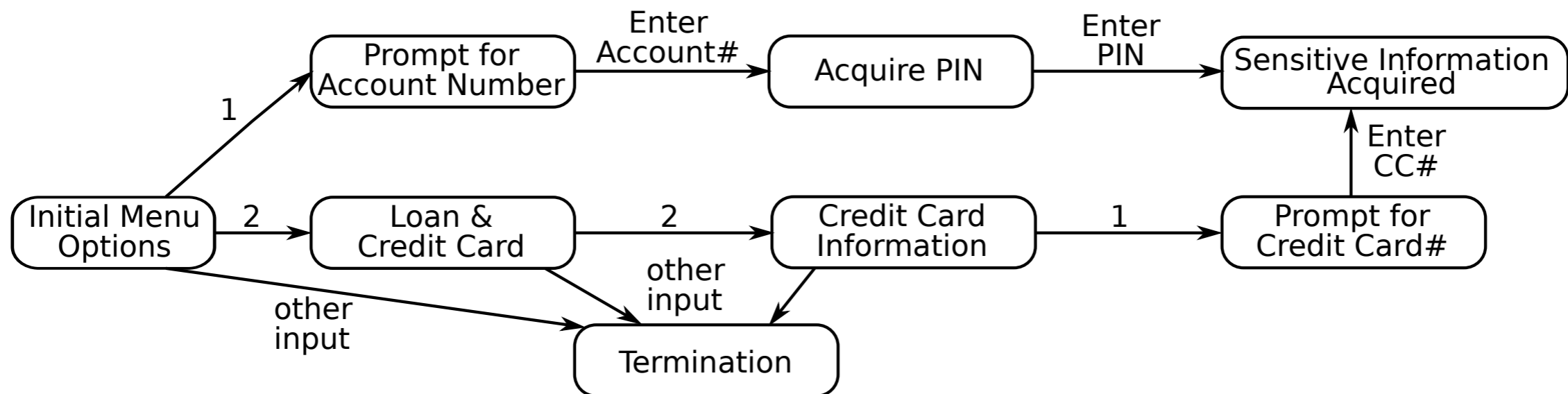


Collection Step



Profiles:

State machine of IVR



DTMF Tone extraction

“9”

