

# IoT APN Security Assessment

Attack vectors from SIM perspective.

- Mobile-to-mobile communication
  - IP connectivity between SIM cards with parallel PDP contexts created might allow malicious injection of traffic towards other subscribers and devices or cause overbilling
- Core network reachability
  - Service discovery from subscriber / SIM card perspective towards core elements including IPv6 and private IPv4
- Charging bypass
  - Abuse of the mobile data service to bypass charging utilizing different techniques like DNS tunneling & proxies
- Binary SMS
  - Verification if malicious UEs can send Binary SMS towards remote subscribers (e.g., SIM OTA, Silent SMS, provisioning)

Price from  
19.500€

