

CEL-37 · Mobile Threat Catalogue

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[Mobile Threat Catalogue](#)

Monitor or Redirection of Phone Calls and SMS via SS7 Exploit

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Threat Category: Carrier Interoperability

ID: CEL-37

Threat Description: Leveraging network weaknesses to monitor or forward phone calls or SMS texts to unintended locations.

Threat Origin

SCTPscan - Finding Entry Points to SS7 Networks & Telecommunication Backbones [1](#)

GSM Sniffing [2](#)

Toward the HLR: Attacking the SS7 & SIGTRAN Applications [3](#)

Exploit Examples

CVE Examples

Possible Countermeasures

Mobile Network Operator

SS7 Firewalls may be deployed throughout the network. See Securing SS7 Telecommunications Networks [4](#)

References

Source: <https://pages.nist.gov/mobile-threat-catalogue/cellular-threats/CEL-37.html>