



FOR MOBILE OPERATORS

SMS Firewall

SMSC firewall with AI content filtering.

An application-layer SMS firewall that sits in front of your SMSC and inspects every inbound message in real time: content filtering, sender authentication, rate limiting, intelligent routing and ML-driven anti-fraud. Block spam, phishing and unauthorised traffic before it reaches your core, with revenue assurance built in.

60+

operator firewall deployments

1,000+

direct operator connections

99.9%

uptime SLA

KEY CAPABILITIES

Deep packet inspection

Inspects every SMPP and HTTP submission at the SMSC interface (sender ID, content, encoding, UDH) without breaking message order.

SIM box detection

Behavioural fingerprinting across velocity, IMSI churn, recipient diversity, signaling origin and content.

Grey route blocking

Routes validated against commercial agreements. Bypass traffic is dropped or quarantined for monetisation.

ML-based fraud scoring

Per-message risk scoring that detects new spam fingerprints, phishing kits and bypass patterns.

Sender ID spoofing detection

Registry-based validation of every alphanumeric sender: catch impersonation of banks, government and telcos.

Sender ID registry integration

Works with national and operator sender ID registries; regulator-ready audit logs.

USE CASES

Grey-route and SIM-farm bypass

Sender ID spoofing

Smishing and phishing content

Recovering international A2P revenue

HOW IT WORKS

- 1 Probe: deploy in passive mirror mode at the SMSC and SS7 edge, with no risk to delivery.
- 2 Score: per-message ML scoring goes live and thresholds are tuned per route.
- 3 Block: enforcement per route, partner and sender ID; grey routes, SIM boxes and spoofed brands drop.
- 4 Monetise: quarantined bypass traffic is offered to originators at the commercial A2P rate.

INTEGRATION OPTIONS

- In front of the SMSC over SMPP 3.4 / 5.0; no SMSC configuration change
- Preserves message order, DLR pass-through and CDR semantics
- Inline, mirror or hybrid deployment
- Recovered-revenue view with CSV and API export

SECURITY & COMPLIANCE

ISO 27001

ISO 27018

ISO 9001

ISO 22301

SOC 2 Type II

GDPR compliance

Member of GSMA · MEF

Request an A2P revenue and fraud assessment

Talk to the BroadNet operator team about your network and traffic.

www.broadnet.me/operators/contact

Full details

www.broadnet.me/operators/sms-firewall

