

The MediaCore SMS Solution comprises:

- ✓ Switching
- ✓ Routing
- ✓ Billing

The MediaCore SMS Solution is designed for handling carrier-to-carrier SMS traffic. The Platform has a wide range of essential tools and options such as complete rate management, invoicing, financial and traffic reports, etc.

The SMS Solution advantages:

- ✓ Convenient web-interface
- ✓ Report generation tool
- ✓ In-built charts and graphs

The SMS Platform is designed for SME as well as large telecom operators. **Session based packages are offered with unlimited number of SMSs.** Speedflow Team provides free installations and trainings, 24/7 online technical support, regular release updates.

Technical Description

Minimal required hardware servers:

- One Billing server:
Xeon E5440+ (4x2.83 GHz), 6+ GB RAM, 1+ TB HDD SAS (RAID6)
- One SMS server:
Xeon E5440+ (4x2.83 GHz), 4GB RAM, 2x160+ GB HDD SAS, SATA3

Required operation system

- Linux Ubuntu v.12.04 or v.14.04
- Database: PostgreSQL

Supported protocols


- SMPP v3.4
- RADIUS routing

SMS routing options


- In and Out point session limit
- Price difference, LCR
- Priorities (7 types)
- Day/time based routing
- TX/RX and TRX connection mode

Network security and access control

- Network topology hiding
- Full proxy
- Authorization by login and password
- Customer/vendor temporary blocking

 Billing capabilities

- Support of customer and vendor price lists (one-time, regular, permanent)
- Filterable reports per client
- Financial analysis per client/destination
- Adjustment of the clients' financial parameters and limits
- Generation and sending invoices for traffic buyers (customers)
- Received invoices for accounting
- XDR (SMS detail record) generation

 Operation statistics

- Statistics by destination/gateway
- XDR filtering by various parameters
- Export of XDRs in CSV/XLS format
- Live DCP Dump Capture Option

 Configuration and administration

- WEB-based interface
- Multi-level user permissions

PDUs supported

- bind_transmitter
- bind_receiver
- bind_transceiver
- unbind
- submit_sm
- deliver_sm
- enquire_link