MediaCore SMS

MediaCore SMS is a stand-alone platform for wholesale providers looking for a reliable carrier-to-carrier Bulk SMS solution. At the core of the module sit cutting-edge functionalities that ensure exceptional quality of A-Z SMS termination and significantly expand user control over the SMS traffic in their domain.

An onboard API enables MediaCore SMS to be used either as a part of the MediaCore SBC or as an integrated module with any third-party system – ERP, CRM, etc.

MediaCore SMS Platform

SMS Switching
Reliable and secure messaging designed to meet high-end Bulk SMS and A2P messaging standards.

SMS Routing
Simple and advanced routing modes, SMS dial peers, and other features for versatile and reliable SMS termination.

SMS Billing
High-functioning billing and analytical tools for automation, optimisation and, ultimately, improved efficiency in all SMS financial operations.

Functionality:

- Up to 1000 SMS per second
- SMPP and HTTP protocols support
- MCC MNC lookup
- TX/RX and TRX connection modes
- Advanced reporting tools

We offer:

- Buyout packages from 10 SMS/sec
- Rent packages from 300,000 SMS monthly
- Dedicated servers
- 24/7 technical support
- Free installation and trainings

Want to get started?

Technical Specification

• 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.16.04 or v.18.04
- Database: PostgreSQL

• Supported protocols
- SMPP v3.4
- HTTP
- RADIUS routing

• SMS routing options
- In&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
- Authorisation by login and password.
- Customer/vendor temporary blocking

Technical Specification

• 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)
- Suppliers' invoices processing
- XDR (SMS detail record) generation

• 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

• Operation statistics
- Statistics by destination/gateway
- XDR filtering by various parameters
- Export of XDRs in CSV/XLS format
- Live TCP dump capture option