



# MediaCore SMS

MediaCore is a stand-alone wholesale messaging platform designed for SMS providers looking for a reliable carrier-to-carrier Bulk SMS solution. Our SMS hubbing platform offers cutting-edge functionalities that ensure exceptional A-Z SMS termination quality and significantly expand user control over the SMS traffic in their domain.

MediaCore SMS platform can be used as a stand-alone solution, as a part of the complete MediaCore VoIP and SMS solution. An onboard API also allows integration with third-party systems 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 300 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
  - IP weight for the SMS TP
  - SMS Store-and-forward
- Network security and access control
  - Network topology hiding
  - Full proxy
  - Authorisation by login and password
  - Customer/vendor temporary blocking

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# Technical Specification

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- 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
  
- Additional SMS tools
  - Content screening and modification