

Build a strong **VoIP** core with **MediaCore**





Integrated Class 4 VoIP platform that provides stable and secure IP-based communication services. The Solution ensures full VoIP routing, additional security features, unparalleled core network unification, and industry-leading flexibility and reliability for carriers of all sizes.



Switching

Routing

Billing

Transcoding

Revenue Assurance



Adaptive licensing options: Matching the needs of every VoIP and SMS service provider

- Buyout options range from 100 to an unlimited number of concurrent calls with adjustable payment plans
- Hosted option lets you to acquire a comprehensive solution with software and dedicated hardware in a dependable data centre.
- Rent option allows you to install MediaCore SBC on your own server for affordable monthly fees and further buyout advantages.

Technical Specification

Protocols:
SIP v.2.0 (RFC 3261, RFC 4566)
H.323 v.6 (H.245 v.13, H.225 v.6)
SMPP v3.4 protocol for SMS
T.38 Fax Relay Protocol
STIR/SHAKEN available for each TP
Rate Limit (CPS) functionality
Any way conversion
Any way transcoding

- G.711-ALaw
- G.711-uLaw
- G.723.1
- G.729(A,B,AB)
- GSM FR



Proxy:

- Full proxy mode (topology hiding)
- No proxy mode (signaling only)

Authorization:

- By Static Public IP and prefix
- By login and password (dynamic IP)

Smart automatic signaling mode – allows the system to accept and send traffic in any protocol and codec, so you will not spend time on adjusting the interconnection.

Routing:

Routing time 0,002 second

Routing groups Routing based on:

LCR, Priorities, Quality, Profit, Weight Jurisdictional Routing, LNP/MNP Dipping

Day/time based routing

Routing tables visual display with full information
Load Balancing Lines Limits for originator and terminators
Maximum call time limitation Automatic routing control



System capability:

- Concurrent calls: 30 000 + of active calls
- Call rate per second on one server: 200 +
- Busy hour call attempts: 5 400 000

Billing:

- Balancing and limits for companies:
 - Auto closing
 - Notification system Integrated invoicing system
 - Customization
 - Auto generation and sending
- Price list management
- Different Financial analysis options





Reports:

- Real time CDR's monitoring (ASR, ACD, Profit)
- Loop Detection Mechanism
- Statistical reports based on:
 - routes
 - clients
 - providers
 - hours (days, weeks, month)
- Automatic stats monitoring system with trouble ticket auto sending
- Different Filtering options
- Export to excel or csv format
- Call and traffic charts

Other Destination limit within the OP:

Built-in firewall control option

Ping, MTR option and Traceroute Actions control option Live TCP Dump for Troubleshooting

MediaCore SBC designed to optimise VoIP carriers' business operations

- Switching
- Transcoding
- Inteligent multi-routing
- Complete telecom billing set
- Revenue assurance with The Guardian



Contact us today!

124 City Road, London, United Kingdom, EC1V 2NX

+442033311133

software@speedflow.com