MediaCore SBC

MediaCore SBC is a unified Class 4 VoIP platform for robust and secure IP-based communications services. The Solution delivers comprehensive VoIP routing, advanced security capabilities, unbeaten core network unification and industry-leading flexibility and reliability for carriers of all sizes.

MediaCore SBC takes trivial business and VoIP processes and automates them, and, as a result, improves overall business performance and brings about higher revenue. With MediaCore SBC, your business is safe!

Want to know what our customers have been saying about the Mediacore? Read their testimonials!

Switching
A carrier-grade architecture ensures a stable, secure and efficient transmission of voice and SMS data packets.

Routing
Various routing modes are designed to fit individual business needs and ensure high call quality and profitability.

SMS Module
Wholesale SMS platform is available as a stand-alone product or as a part of all-in-one MediaCore SBC.

Revenue Assurance
A Revenue Assurance System (the Guardian) monitors and analyzes traffic and detects FAS automatically.

Billing
MediaCore has an integrated billing, supporting multicurrency, automatic invoicing, VAT accounting, etc.

Transcoding
A native converter enables the system to accept and send traffic in any protocol and codec.

Want to get started?

Speedflow Communications Limited
speedflow.com
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10 Reasons to Choose the MediaCore SBC

1. All-in-one turnkey class 4 solution
2. High quality and global deployments from 2006
3. Automated call quality testing portal
4. Capability to handle high peaks of Call Center (CC) Traffic
5. Automatic FAS detection mechanism
6. Swap deals management option
7. Time-saving features for business optimization
8. Comprehensive data visualization
9. Account manager, 24/7 technical support and free trainings
10. Best price-to-performance ratio

Flexible licensing

Our flexible licensing and pricing options can meet the requirements of any VoIP and SMS carrier.

**Buyout** – various options from 100 to unlimited concurrent calls available at flexible installment plans

**Hosted** – Get a complete solution with software and dedicated hardware in a reliable data-center

**Rent** – Install MediaCore SBC on your own server and enjoy affordable monthly rates with further buyout benefits

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Technical Specification

VOIP interconnection:

• **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
  Any way conversion

• **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
  Flexibility: any – to – any, one – to – one, one – to – any, any – to – one
  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

• **Codecs:**
  g729(a,b,ab)
  g723(5.3,6.3)
  g711(u-law,a-law)
  GSM FR
  Any way transcoding
Technical Specification

• **Routing:**
  Load Balancing
  Lines Limits for originator and terminators
  Maximum call time limitation
  Automatic routing control

• **System capability:**
  Concurrent calls: 30 000 + of active calls
  Calls per second: 1500
  Call rate per second on one server: 200 +
  Busy hour call attempts: 5 400 000

• **Configuration and administration:**
  WEB-based interface
  Multi-level permissions for user's access to the system depending on user's profile
  Web billing update without call interruption.
  Media servers update with interruption of less than 30 seconds

• **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
Technical Specification

• 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
Built-in firewall control option
Ping and MTR option
Actions control option
Live TCP Dump for Troubleshooting

MediaCore SBC has helped a number of VoIP businesses boost their profit, increase capacity and optimize their network. A Free Trial Offer enables operators to test before they buy.

Test MediaCore and experience the results for yourself!