

IXC SOFTSWITCH v.5.7.1

Technical Specification

- Deployable in SIP and H.323 VoIP Networks with protocol transcoding
- Up to 4000 VoIP Channels per Server with CPS rate up to 200
- Unlimited scalability
- Advanced security
- Allow call re-route even after SIP 180/183.
- G711, G723.1, G726, G729A/B/AB and GSM codecs support
- SMS smpp 3.4 ready
- Most of functions support API via JSON method
- Intelligence routing (lcr, acd/asr, pdd, priority, etc)
- Traffic distribution on percentage basis
- Own developed firewall for preventing SIP spams
- RTP handling (signaling and full proxy mode)
- Multiple authentication methods
- Unlimited calling routes table
- Online billing and reporting
- Active calls template, which include many fields for displaying
- Automatic data back-up system
- Powerful user management system
- Customer's portal with active calls menu
- Codecs Conversion and interoperability with Cisco, Lucent, Quintum
- Intuitive, user-friendly GUI with possibility of customization
- Auto-routes tester with live voice records for checking providers routes' quality and FAS
- 24/7 NOC with multilingual support (en, ru)

Real Time Reporting:

- Detailed statistics Report
- Traffic flow Report
- Profitability Report and graph
- ASR/ACD Report and graphs
- Disconnect Causes Report
- Payment Report
- Incomes/ Expenditures Report
- Expenditures by categories
- Auto invoice generation
- Statement report
- System Configuration Report
- Top/Target destination report

Call Routing Depending on:

- Percent allocation
- Minute cost (Least Cost Routing)
- ASR/ACD/PDD Routing
- Called party number
- Calling party group
- Quality Routing
- Priority routing

Possibility to build easy managed routing trees and limitations for number of concurrent calls for certain terminator.