



Seamlessly connecting Telco to IT

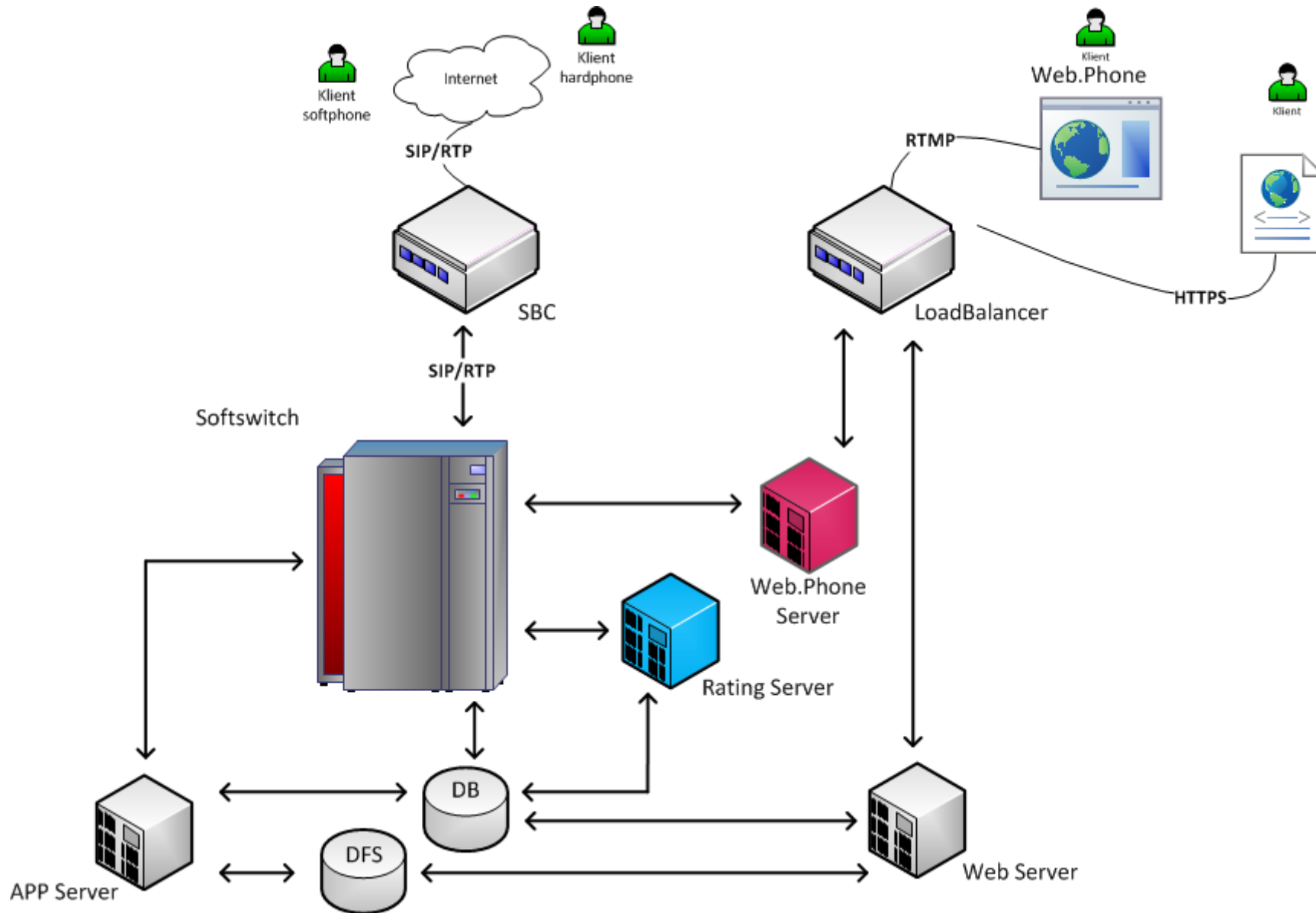
Moberia VoIP.Modules



- Class 4/5 softswitch platform
- individual and business subscriber services
- voice and video over IP
- Instant Messengers
- advanced voice services
- call forwarding, screening, blocking ect.
- rule and skill based routing
- SIP Trunking
- real time rating and billing Postpaid/prepaid
- CDRs/EDRs mediation and collection
- media services
- voice mail
- IVR with GUI for management

Moberia VoIP.Modules – C5 & VAS

logical architecture



App Server => Selected services:

- **Fax2Mail / Mail2Fax** (optional over Web)
- **Voice Mail** (optional over Web)
- **Multilevel IVRs** with GUI interface and calls queuing
- **Virtual IP-PBX (IP-Centrex)** – Web management
- Premium Rate Services – cost announcement mechanism
- IM interoperability
- SIP-Trunk
- Calls recording
- Short numbers
- Unified-Communication
- CTI for Call/Contact Center
- Easy creation of new services through an API

Moberia VoIP.Modules

Class 5 Platform – create, rate and bill customers' services



basic features:

- incoming/outgoing calls
- flexible management of short numbers
- attended/unattended calls transfer
- time based, busy, not answering and other rules call routing or blocking
- call intercept
- different strategies for ringing within the group
- Voice Mail delivery over an email
- missed call status over an email
- CLIP/CLIR;

Self Care

- **Self.Care Web panel**
- services management;
- **access to recorded calls**
- **limits** (per endpoint, group, daily, weekly, ect.)
- Web admin panel for platform management;

Moberia Web.Phone – softphone in customer's Web panel;

Moberia Fraud.Detector – fraud detection (optional);

And yet more features

- Anonymous Calls Rejection – ACR
- destinations blocking
- quota for an endpoint or an account
- flexible ratelist
- **internal calls for free**
- **real time rating and billing**
- export data for invoicing purposes
- **auto- blocking when limit reached**
- **flexible billing: prepaid, flat fee, postpaid, mixed and other models of charging the subscriber**
- **convergent, n-play supporting billing**
- **call recording on the fly**
- DTMF support
- **IVR call queuing**
- **autoprovisioning**
- music on hold or during call waiting
- outgoing campaigns can be presented with one number;
- **conference calls with web panel**
- **PREPAID** ready
- **White Label (virtual network enabler)**
- global address book

more services in fileds as follow:



SIP Infrastructure

- Building SIP based networks or scaling out existing SIP infrastructures,
- Registrar, Location, Proxy, Redirect server (RFC3261),
- SIP Signaling Router,
- Least Cost Routing,
- NAT traversal,
- UDP, TCP, TLS based transport
- VoIP gateways (SIP-DSS1/ISUP).

Supported Platform interfaces:



Voice

- ISUP, DSS1, SIP, IMS.

Messaging

- SMS (SMPP, CIMD2), MMS (MM7, EAIF).

Instant Messaging

- Jabber, Jingle, Skype, GG.

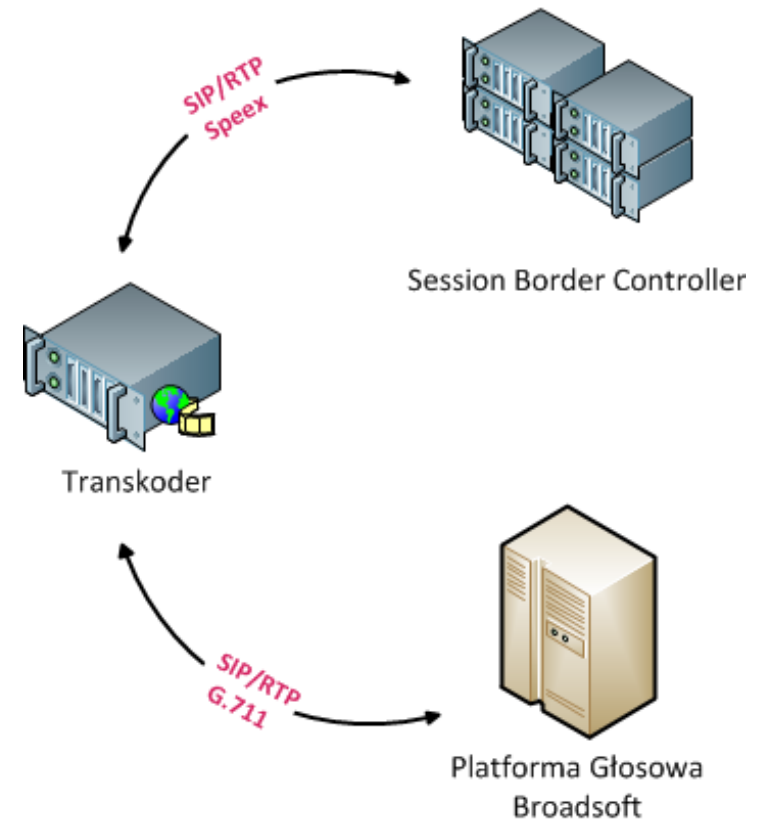
Application interfaces

- Radius, Diameter,
- SOAP, REST, Email,
- Camel (TDM, Sigtran),
- VoiceXML, CCXML.

Transcoder – basic use

- lower data amount to be send/received by SIP VoIP apps
- lower amount of bandwidth required to send voice ofer IP network
- support for HD (wideband) Voice
- saving on commercial codecs licences

Architecture:



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About Moberia:

Moberia is an experienced team. We did small, medium and big projects. We care for our clients: we complete projects quickly and effectively. We increase competitiveness of our clients.

We connect Telco to IT in a unique way. We have worked with many technologies and we are constantly learning new one. We work **agile** decreasing risk of the projects and increasing our clients' satisfaction.

People from our team implemented key projects for such companies as:

- DRSA, MNI Telecom, Gadu-Gadu.

People from our team were responsible for:

- integration of the biggest **Instant Messenger** in Poland with an **MVNO** network;
- implementation of carrier grade **OSS** and **BSS**;

For more visit: www.moberia.com