

### Platform's features:

- Scalable
- Stable
- Redundant
- Open SOA architecture
- Modular architecture
  
- Modules for:
  - media
  - SMS
  - MMS
  - voice & video
  - IM
  
- XML
- SMTP
- Radius / Diameter
- ODBC
  
- Support for 3rd party suppliers
  
- TDM i VoIP
- SS7 / ISDN / SIP / H.323
  
- Class 4
- Class 5

The Value Added Service Delivery Platform (SDP) enables the deployment of services offered by MOBERIA. These services are always perfectly adjusted to the customer's needs - are efficient and scalable. The platform allows voice, SMS/MMS, Instant Messaging and Web to be integrated into convergent multimedia services.

**The flexibility of the platform ensures short time-to-market (TTM) and allows for obtaining new sources of income by using value-added services.**

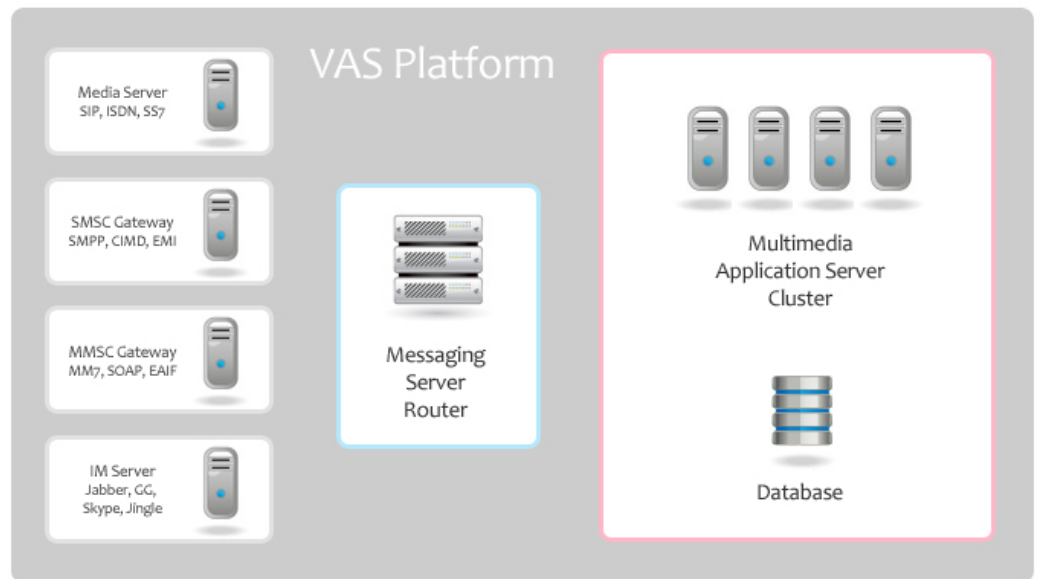
**The SDP allows for rapid development and deployment of converged communication services from simple IVR or SMS based interaction through class 5 type VoIP to high density multimedia conferencing services.**

### Top 10 reasons to choose MOBERIA VAS.SDP

- Enables to deploy truly converged multimedia services;
- Wide support of communication channels for user interaction - voice, SMS, MMS, Instant Messaging, e-mail, Web;
- Java and PHP for service application development;
- From simple IVR, through class 5 type VoIP to complex, high multimedia conferencing services are possible;
- Support for TDM as well as VoIP;
- Highly scalable;
- Fully redundant;
- Modular, service oriented design allows to select one, or all modules;

**Examples of services that can be deployed on MOBERIA VA.SDP**

<b>Voice</b>	VoIP Telephony	<ul style="list-style-type: none"> <li>- creation of VoIP (Vice over IP) systems;</li> <li>- implementation of IP telephony for enterprises;</li> <li>- creation of Internet Telephony platforms for carriers;</li> </ul>
	Voice Mail	<ul style="list-style-type: none"> <li>- voice box application and platform;</li> <li>- Web integration (Visual VoiceMail);</li> </ul>
	Unified Communication	<ul style="list-style-type: none"> <li>- integration of various communication methods in an enterprise such as traditional telephony, VoIP, chat, instant messaging, voicemail, email or fax;</li> <li>- process optimization, simplification and unification of communication;</li> </ul>
	Ring Back Tone	<ul style="list-style-type: none"> <li>- creation of CRBT (Color Ring Back Tone) systems;</li> <li>- changing of ring back tone to other acoustic signals including music hits, jokes, adverts, or other;</li> </ul>
	IVR Systems	<ul style="list-style-type: none"> <li>- creation of high density IVR (Interactive Voice Response) systems;</li> <li>- implementation of TTS (Text To Speech) and ASR (Automatic Speech Recognition) solutions;</li> <li>- integration with third party IT systems;</li> </ul>
	Voice Mailing	<ul style="list-style-type: none"> <li>- automatic calling services - such as debt collection, connecting to attendant;</li> <li>- sponsored calls and campaigns;</li> <li>- automatic voice surveys;</li> </ul>
	Conference Rooms	<ul style="list-style-type: none"> <li>- conference bridges;</li> <li>- dynamic conference call creation;</li> <li>- Web integration - such as live streaming; voice recording;</li> </ul>
<b>Video</b>	Video IVR	creation of Video IVR based solutions for information, social and entertainment services;
<b>Messages</b>	SMS	<ul style="list-style-type: none"> <li>- SMS (Short Message Service) based services creation - such as quiz, voting, codes;</li> <li>- integration with services;</li> <li>- OTA (Over The Air) and WAP Push based services;</li> </ul>
	MMS	<ul style="list-style-type: none"> <li>- content uploading for information services, social and entertainment services;</li> <li>- e-coupons;</li> <li>- 2D codes based services;</li> </ul>
	Instant Messaging	<ul style="list-style-type: none"> <li>- implementing IM (Instant Messaging) based services;</li> <li>- integration with various systems - such as Jabber/XMPP, GG, Skype;</li> <li>- client software development;</li> </ul>
<b>Web</b>	Web 2.0	integration of traditional telephone communication with Web - such as voice, SMS, MMS or Instant Messengers;



### About Moberia:

**MOBERIA** provides a wide range of technologically advanced solutions that allow the enhancement of competitiveness on the services market in the IT/Telco industry.

**MOBERIA** carries out projects in which permeability of Web, Web 2.0, voice, messaging, email, IM and other technologies used for modern communications takes place in many combinations. As a result, completely new, innovative services can be created and implemented for various communication channels

**MOBERIA's** mission reflects deep understanding of the needs and values that are important to providers of services of the broadly defined telecom-munication. The effects of **MOBERIA's** solution allow more optimal and innovative utilization of the network and in the end providing a higher-value product to the customer.

### Contact Moberia:

#### **Moberia sp. z o.o.**

Ogrodowa 32A/1A  
00-896 Warszawa  
Poland

tel: +48 222 036 204  
e-mail: [info@moberia.com](mailto:info@moberia.com)

KRS: 0000335500  
NIP: 527-26-11-051  
REGON: 141989734

### Media Server

- module responsible for all voice functionality and integrates with network in **TDM** and **IP** domain;
- supported signaling protocols: **ISDN, SS7, SIP, H.323**;
- SIP proxy function.

### SMSC Gateway

- module responsible for SMS functionality provided by connectivity to MNO SMSC;
- supported signaling protocols: SMPP, CIMD2, EMI.

### MMSC Gateway

- module responsible for **MMS functionality** and interoperability provided by connectivity to MNO MMSC;
- Supported protocols: MM7, SOAP, EAIF.

### IM Server

- module responsible for interoperability with Instant Messaging services;
- interconnection with XMPP, GG, Google, Skype, MSN and other messengers.

### Service logic execution - the Multimedia Application Server

- Application Server with SOA architecture responsible for converged services logic;
- Messaging Services Router is the main module of Application Server and provides efficient handling of events and VAS by an Application Server;
- Flexible interoperability with 3rd party applications in Telco/IT domain (open protocols: XML, SMTP, radius, diameter, ODBC and others);