

Artsofte

Development
on BroadWorks

Artsofte —

is a professional IT-company that specializes in web-technologies and investment in technological projects.

For more than 10 years of work we have gained great experience of creating complex web-projects including those for telecommunication companies.

Among our works are web-services of providing services for B2B and B2C that are connected with billing or databases of operators, self-service provisioning and many others.

We can design and develop web-products based on BroadWorks platform, implement layout, front-end interface programming and back-end integration with BroadWorks platform using various technologies (e. g. OCI-P or CAI3G).

BroadWorks system by the BroadSoft company is a big multifunctional platform for providers of telecommunication services.

Nowadays more than 500 providers of telecommunication services use approaches by BroadSoft all over the world.

What can be implemented?



Services based on
telecom infrastructure



Audit,
consulting, R&D



Interface
design



Interface design
for desktop software

Possibilities of web-applications based on BroadWorks:



Broadworks Anywhere



Fax



Uploading sound files
for holding or call transfer



'Conversation recording'
service management



Possibility to create
black and white call-lists



Customizing
voice portal



Creating/editing
subscribers in groups



Flexible customizing
of call groups



Autoattendant with the possibility
to customize menu
and action handlers



Call transfer with
the flexible customization
of transfer schedule



Call statistics
(real-time and on request)



Access control: subscriber (line),
group admin, service-provider
admin, super admin

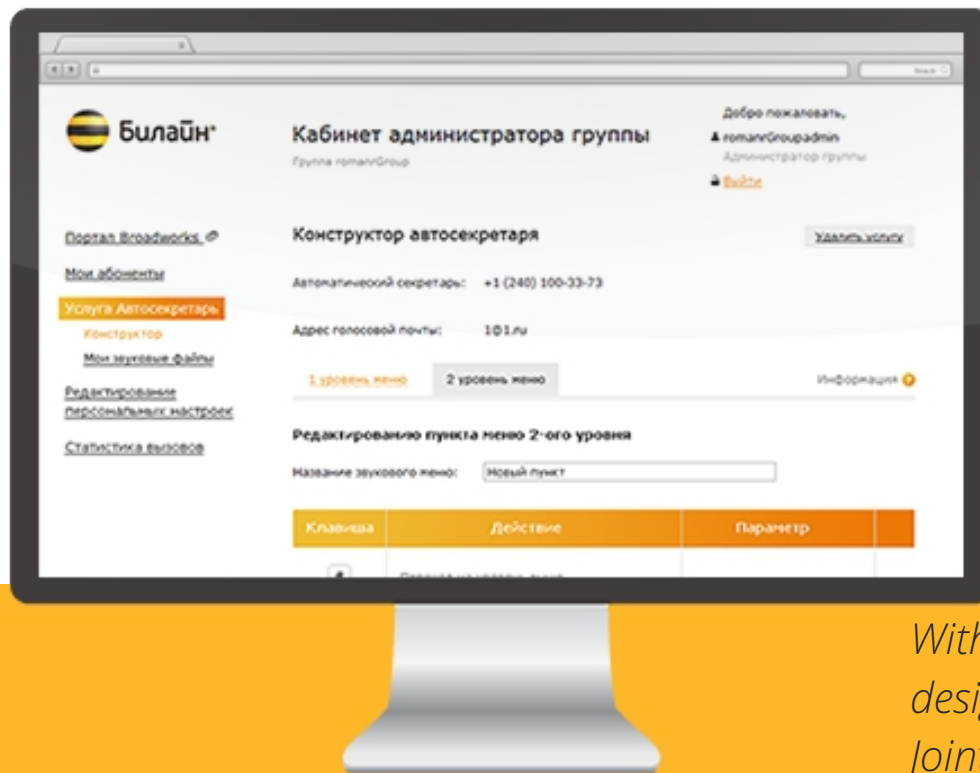
Advantages of the technology:

- 1 Speed of work. 'Caching' requests and optimizing the speed of portal work.
- 2 Flexible integration according to customer requirements with retaining independence of interface, programme part and platform.
- 3 Interaction of portal with BroadWorks is carried out using SOAP protocol with the help of libraries created by studio employees.
- 4 All information is taken from BroadWorks, no information that concerns virtual ATS and users inside it is kept on the side of the portal.

Portal of administering virtual ATS based on BroadWorks

Our company has designed and developed interfaces of 'Portal of administering virtual ATS based on BroadWorks' service delivery for the 'SiFox' company.

Layout and front-end interface programming and back-end integration with BroadWorks platform have been implemented using two technologies: OCI-P and CAI3G.



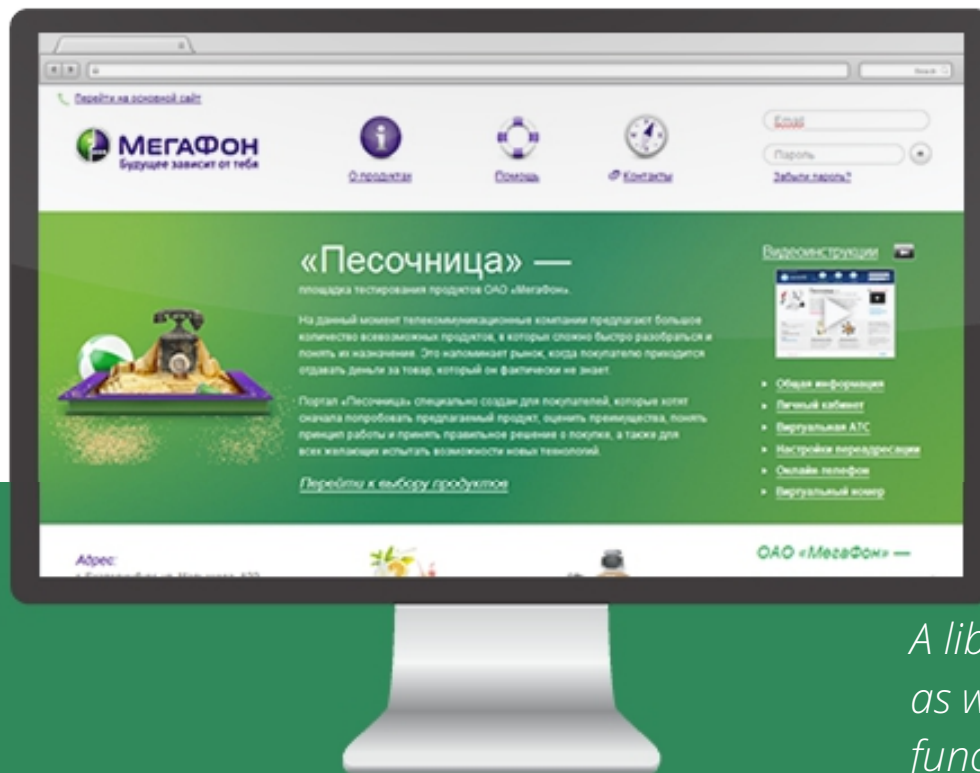
The developed portal enables to administer services:

- Broadworks Anywhere;
- fax;
- autoattendant with the possibility to customize menu and action handlers;
- call transfer with the flexible customization of transfer schedule;
- possibility to create black and white call-lists;
- 'conversation recording' service management;
- customizing voice portal;
- creating/editing subscribers in groups;
- flexible customizing of call groups.

Within the framework of the project more than 50 design-layouts to handle the portal have been implemented. Joint development has been carried out for more than a year.

Testing platforms of telecommunication products

The aim is to develop a convenient service that will be able to demonstrate the possibilities of the telephony for administering which Broadworks is used.



Within the framework of the project the following has been implemented:

- working with customers and BWKS groups;
- possibility to connect SIP-devices;
- working with schedule;
- working with services handing calls (actions in case of busy line, consecutive subscribers phoning etc.).

A library that can easily work with API Broadworks as well as easily expands has been created — no BWKS functional is problematic for this library now.

List of Artsofte customers includes the leading federal and regional companies



SIPNET



MCNtelecom



How we make telecom projects



R&D

Before starting the project we carry out RND (research and development), i.e. search of analogues, market analysis, pointing out analogues' competitive strengths and formulating demands for the prototype.



Projecting

At this point the project is examined in detail:

- we carry out a research and development of key insights and user scenarios;
- we develop prototypes;
- we develop a technical task;
- we define qualitative and quantitative structure of web-interfaces;
- we agree on budget.



Design

After creating the prototypes the final graphic implementation of interfaces takes place.

The main page, general layout of all web-application and each interior page are agreed on separately.



Development

We carry out the development on the basis of commercial frameworks called Symfony and .NET MVC.

These frameworks create the MVC paradigm (Model-View-Controller) that enables the client to finally get complex zoomed web-applications integrated with interior IT-subsystems, softswitches and server software.



Support and version development

We perform support using the format 'flex scope'.

This format is time payment of our company specialists' standard resources used in accordance with the working client's pricelist.

Other competences of Artsofte:



Banking technologies

finance.artsofte.ru



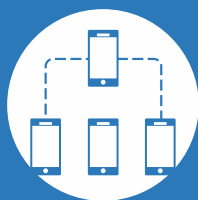
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Commercial development

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Mobile development

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SaaS and investment projects

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Identity

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