

Effective technologies

Information Systems Development and Integration



Effective
technologies

CLOUD SOLUTIONS | SYSTEMS INTEGRATION | CUSTOMIZED AUTHORING | TEAM-AS-A-SERVICE | E-COMMERCE |
ENTERPRISE PURCHASING FUNCTION AUTOMATION | CRM | DIGITAL DOCUMENT FLOW | BILLING | TRAINING SYSTEMS
| ANALYTICS AND MONITORING SYSTEMS | GOVERNMENT INFORMATION SYSTEMS | FINTECH SOFTWARE |
DIGITAL LEARNING SYSTEMS | BUSINESS PROCESS AUTOMATION | MANUFACTURING PROCESS AUTOMATION

ABOUT OUR TEAM



EFFECTIVE TECHNOLOGIES TEAM

A team of experienced professionals dedicated to creating innovative solutions in the field of information technology: programmers, managers, analytics, test engineers, interface designers.



OUR MISSION

To apply the most effective authoring methods and technologies, supporting our clients to get results from implementation of information systems in the shortest period.



OUR CLIENTS

Corporations, banks, government institutions, small and medium business enterprises in Russia and abroad.



OUR RESOURCES

1

Over 150 employees with the highest level of expertise in various fields.

2

Our headquarters is located in Nizhny Novgorod, the region is in top-3 IT-regions in Russia.

3

Dozens of successfully implemented projects in various areas and industries.

4

Certified managers: PME, information security, proven by numerous training and educational certificates.

5

Customer centricity

6

Flexible interaction models: project outsourcing, selection from full teams of experts (Team-as-a-Service approach)

OUR EXPERIENCE



BUSINESS PROCESS AUTOMATION

Electronic document flow, coordination chains; CRM, supply automation, tenders search; production management.



ENTERPRISE PURCHASING FUNCTION AUTOMATION

Development of Leading Trading Software Platforms; purchasing automation systems.



BANKING SOFTWARE

Development and implementation of remote banking service and financial management systems for legal entities and individuals.



PERSONAL ACCOUNTS

Development of personal web-accounts for organizations and users with a flexible system of roles and powers.



LEARNING MANAGEMENT SYSTEMS

Portal authoring for resident and remote training according the SCORM standard.



ANALYTICS AND MONITORING SYSTEMS

Authoring of analytical dashboards and report creating systems; business logics of information systems monitoring.



STATE INFORMATION SYSTEMS

Development of government information systems, development of services providing the interoperability between citizens and organizations with government institutions.



WEB-PROJECTS

Development of marketplaces, online stores; standard and reference information management systems, loyalty programs.



OUR CLIENTS

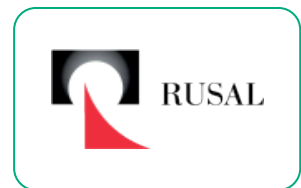
KÄRCHER



SOLLERS



RUSAL



ROSATOM



AK BARS BANK



DZINGA



MOËT HENNESSY



UNITED SHIPBUILDING CORPORATION



GOVERNMENT OF NIZHNY NOVGOROD REGION



WHAT ABOUT YOU?



OUR ADVANTAGES

LOW-COST OF A MAN HOUR

We optimized business processes and issues at a supreme level (cloud technology applying, regional placement of authoring staff), used all possible tax privileges which are applied in the Russian Federation.

FLEXIBLE COLLABORATION MODELS

Project outsourcing, dedicated teams organizing (Team-as-a-Service approach).

THE USE OF ADVANCED EFFICIENT TECHNOLOGIES

The use of technologies of analysis, authoring, testing, applying and technical support of software.

EXPERT EVALUATION AND QUICK ATTRACTING OF QUALIFIED RESOURCES

THE SHORTEST PROJECT ASSESSMENT PERIODS

THE COMPANY QUALITY SYSTEM IS CERTIFIED ACCORDING TO ISO 9001:2015 STANDARD



COLLABORATION MODELS

1

PROJECT OUTSOURCING

It is used for time-limited development of one specific software product (product module).

➤ **Customer benefits:**

Cost savings compared to internal development, full responsibility of the outsourcer for the timeframes and result.

2

TEAM AS A SERVICE

Assigning a separate group of experts fitting the challenges of the customer. The assigned group has the expertise required by the customer. This model is designed for long-term cooperation.

➤ **Customer benefits:**

Constantly available resource with the necessary expertise, ability to plan tasks based on the allocated resource. No need to hire and organize the team.

TECHNOLOGIES

APPROACHES



AGILE METHODOLOGY

Application of flexible (Agile) development methodologies with delivery of predictable results to the customer at each iteration (SCRUM, Kanban).



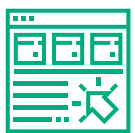
AUTOMATION

Application of Continuous Integration practices in projects allows automated publication of releases at any time, together with automated testing.



PROTOTYPING AND MODELING

Application of dynamic prototyping of interfaces and modern notations of business process modeling.



SOA

Application of service-oriented architecture (SOA) in the development of information systems.



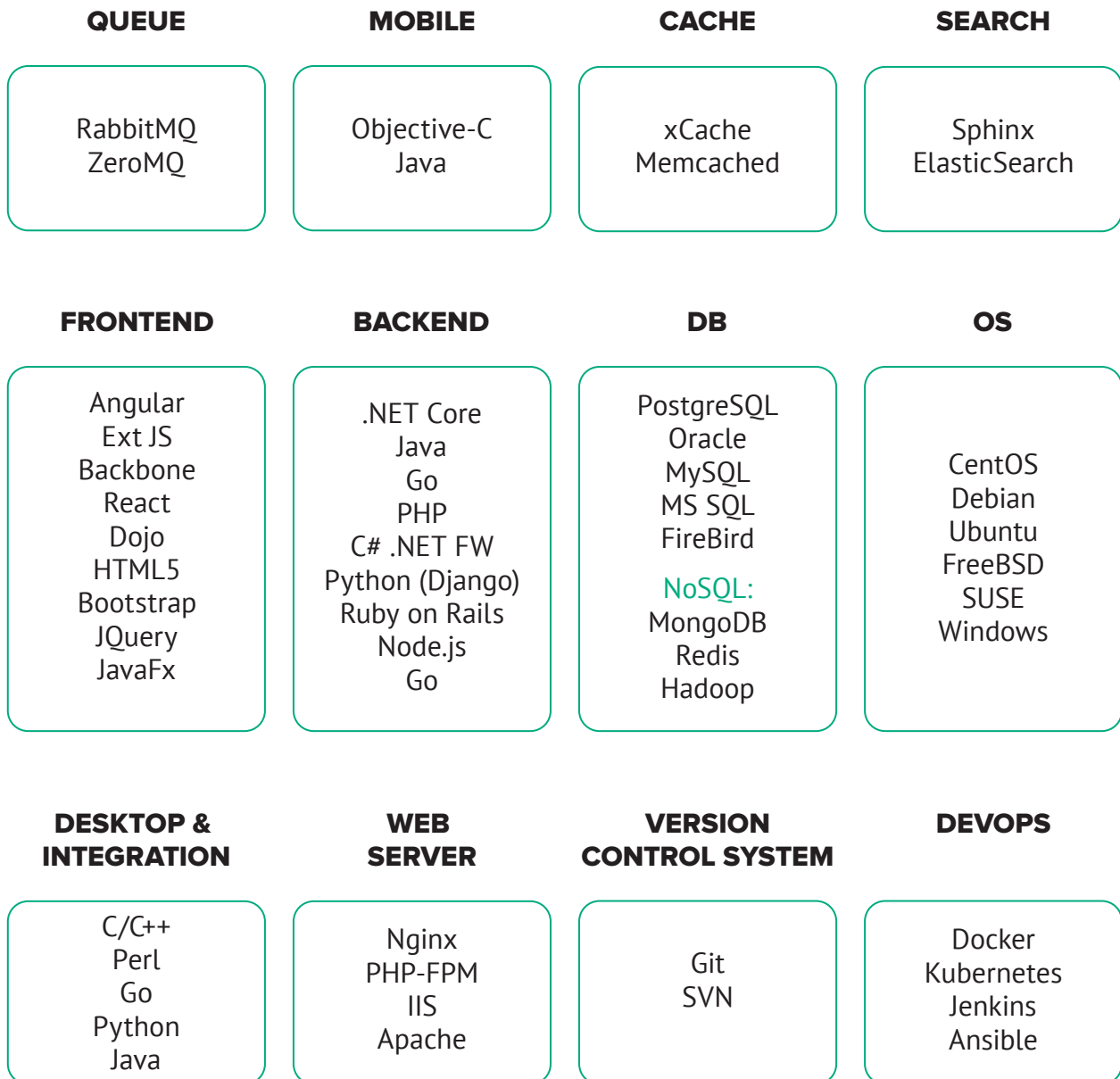
OUR OWN SOLUTIONS

Use of our own solutions library reduces the effort required to implement standard components.



TECHNOLOGIES

OUR TECHNOLOGY MAP



TECHNOLOGIES

OUR POPULAR STACKS

JAVA	C# .NET	PYTHON	PHP
FRONTEND Angular Nginx	FRONTEND AngularJS Nginx	FRONTEND AngularJS Nginx	FRONTEND AngularJS ReactJS Nginx
BACKEND Java Spring Hibernate	BACKEND C# .NET FW IIS	BACKEND Python Django Mod_wsgi	BACKEND PHP Yii2 PHP Zend2-3 PHP-FPM
DATABASE PostgreSQL	DATABASE MS SQL	DATABASE PostgreSQL	DATABASE PostgreSQL MySQL
OS Linux	OS Windows Server	OS Linux	OS Linux
SEARCH Sphinx	SEARCH Sphinx	SEARCH ElasticSearch	SEARCH Sphinx
QUEUE RabbitMQ	QUEUE RabbitMQ	QUEUE RabbitMQ	QUEUE RabbitMQ



TECHNOLOGIES

ATD

A

ANALYTICS

The use of business modelling reprimands BPNM 2.0, IDEF, EPC.

Dynamic placeholder authoring: Axure, Sketch, Figma.

The use of tools: MS Visio, Business Studio.

Preparing of use-cases, user-stories.

T

TESTING

The use of testing management systems: TestRail, TestLink.

Testing automation with the help of: Unit test, Selenium, HP Quiktest Professional.

Application of load testing tools: JMeter, Tsung, WAPT.

Hardware basis for testing information systems and mobile applications in their native environments.

D

DOCUMENTING

Authoring of functional specifications, technical specifications, component technical specifications, etc.

Guides, tutorials, movie tutorials.

The use of Russian and international documentation development standards (ISO, IEC, IEEE).

SYSTEM DEVELOPMENT

CUSTOMER'S SCOPE

To implement a project to develop a "Marketing" information system, which allows automation of the process of coordinating the company's advertising budgets.

CUSTOMER'S SOLUTION

To choose an experienced and qualified contractor – Effective Technologies. We'll do all the rest.

SOLUTION STAGES

Interviewing all the customer's stakeholders and preparing a functional specification for the system.



Preparation of estimates and quotes, coordinating the contract with the customer.



Detailed analytical study of the future system: preparation and presentation to the customer of dynamic prototypes, user story, coordination of TOR.



Start development of a flexible iterative system. You can see the results in a couple of weeks.



New functions released every two weeks. The customer can make adjustments, the system starts working right away.



A complete set of technical, operational and user documentation is handed over to the customer.

RESULTS

The system is in commercial operation, is maintained and developed.

DIVERSIFICATION OF DEVELOPMENT

CUSTOMER'S SCOPE

The customer's company owns the rights to the Project system. The system was developed and maintained by the "Former Developer" company that started to issue large bills for its services. The customer's company is not able to maintain the system on its own, since it does not have the necessary experts on its staff. In addition, the system has almost no documentation, and the documents in existence are outdated. The result is the customer is fully in the power of the developer.

CUSTOMER'S SOLUTION

Diversify development with Effective Technologies. We'll do all the rest.

SOLUTION STAGES

Interviewing all the customer's stakeholders, reviewing the functionality and system code (if possible). Audit.



Coordination of the agreement for the development of new functional tasks and the system support agreement.



We select the specialists necessary to support and develop the system. We study the program code. We create our own code repository and release system.



Now we can carry out tasks for the development of functionality and current system support, without creating any issues in commercial operation.



We document the old program code, update technical documentation on the system and user manuals. The customer will no longer have problems attracting new contractors.

RESULTS

We can either develop and maintain the system together with the "Former Developer" company, or without it.

TEAM-AS-A-SERVICE

CUSTOMER'S SCOPE

For the support and service of several information systems you need a team of technicians who are long-term SME experts. However, the customer company staff does not stipulate for such possibility.

CUSTOMER'S SOLUTION

Effective Technologies company will create the effective team for you.

SOLUTION STAGES

Interviewing of all customer's constituents Audit of information systems.



We form a proposal for a team staff. Negotiation of resource agreement.



We choose the necessary specialists, begin studying of a program code and information systems infrastructure.



We create an opacity system of setting the task and accounting the team resources for its accomplishment.



We correct the team staff together with the customer for appropriate metrics of quality/expences in the process of support and development of information systems.

RESULTS

The dedicated team works, accumulates subject expertise, solves the tasks of support and development without increasing costs.



WE ARE READY TO WORK WITH FOREIGN CLIENTS

- Our managers speak English fluently.
- Our developers and QA are fluent in technical English.
- We are experienced in tax-haven projects of software authoring.
- We understand the peculiarities of working with foreign clients: time zones, requirement level, various paying methods.
- Low rates due to currency difference, general administrative expenses and tax optimization.

CONTACT INFORMATION

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