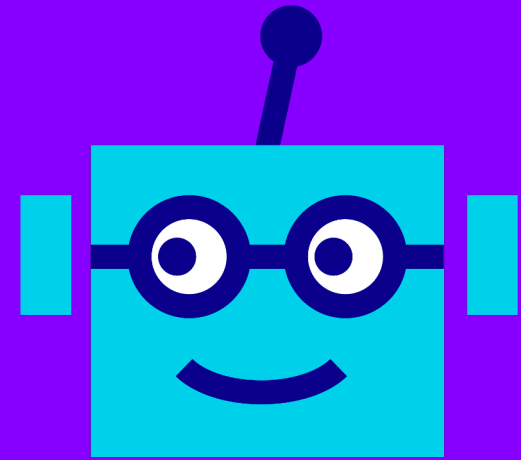# Reduces costs and errors, increases revenue

r.bot

Who are we?

#bizapps

About us

BizApps is a Russian IT company

Dozens of IT-products and solutions based on our own technology

We have won the trust of **Russian and overseas companies:**

Russian IT Company

>100 software engineers

10 years of experience
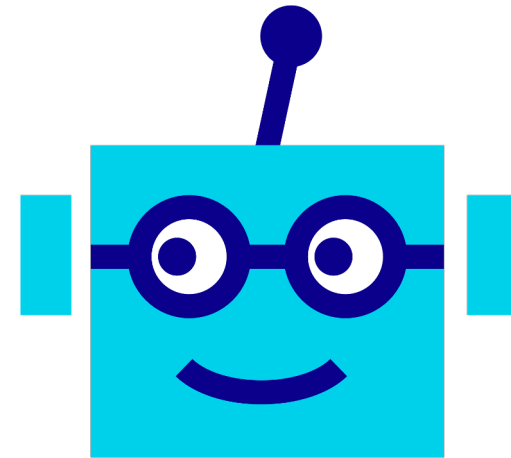
Our brand's products

AI ML, IoT

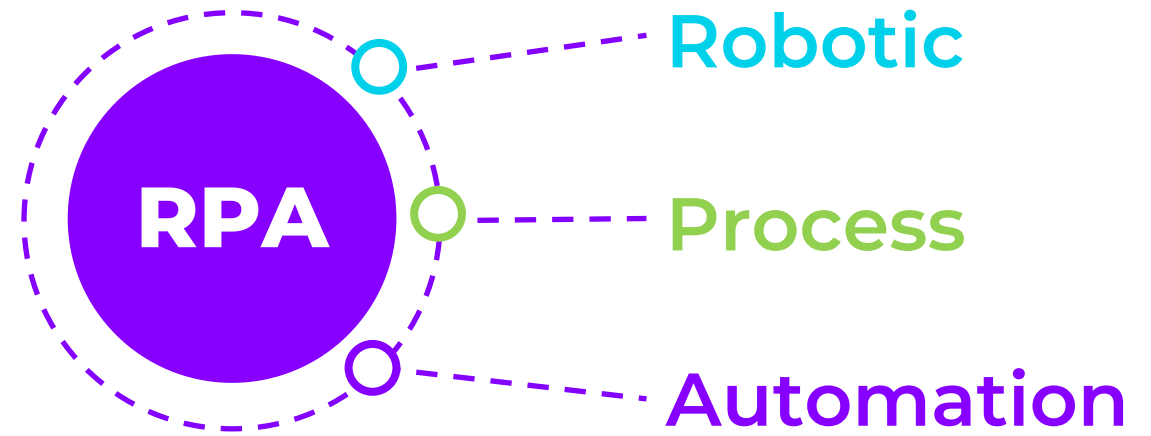Helpdesk building

galochka

#bizapps

Bitrix24 CRM

r.bot RPA

Management accounting and business processes

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What is

Robotic

Process

Automation?

About RPA

RPA is an acronym for Robotic Process Automation

Robotic — any entity which can mimic human actions and do complex tasks is known as **robotic**

Process — any sequence of steps that can lead to a meaningful activity is known as a **process**

Automation means doing a task without human intervention. If an entity performs a task without human intervention, that entity is said to be **automated**

RPA

Robotic

Process

Automation

Business value of RPA

● Saves time and effort

● Increases staff efficiency

● Reduces transaction costs

● Operates 24*7*365

● Improves data quality

● Reduces labor costs for routine operations

● Makes implementation of business plans without increasing resources possible

● Accelerates customer service

● Delivers fast solution of short-term business objectives

What tasks can be automated?

● Data collecting and processing

● Reports preparation

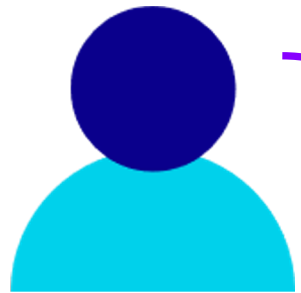● Deadlines and data control

● Work with external sources

● System integration

● Conducting customer operations and providing services

Humans and robots responsibility division

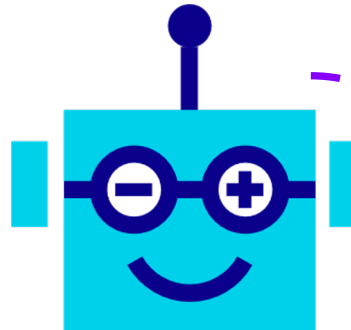An employee performs tasks that require cognitive abilities

Analyzes data and makes decisions

Improves process quality

Generates ideas
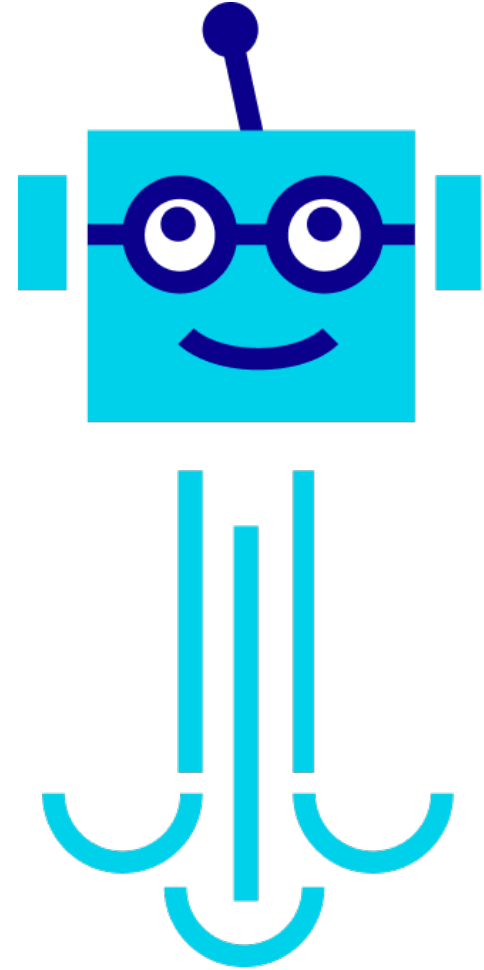
A robot helps to perform routine-based tasks

Carries out small tedious tasks

Provides mistakes-free operations

Able to work 24*7*365

What is r.bot?

About r.bot Platform

r.bot – is a platform that allows users to create and to launch robots.

The solution is presented in 2 versions:

Development environment

Runtime environment

- Includes tools for robot design(editor, elements inspector, etc.)

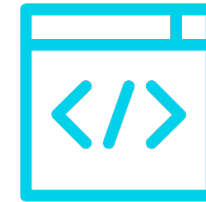- Allows to design unlimited number of robots

- Supports orchestration

- Allows to launch ready to use robots at different users computers

Visual Constructor

Built-in browsers

PHP, C#, Python, JS Programming languages

How robots are created?

Recording → Developing → Setting up

Recording

Actions performed on an employee's screen are recorded

Developing

A record is passed to a developer who creates a robot on an r.bot platform

Setting up

A developer prepares a robot for using it on an employee's computer
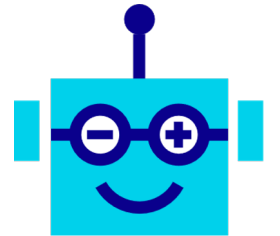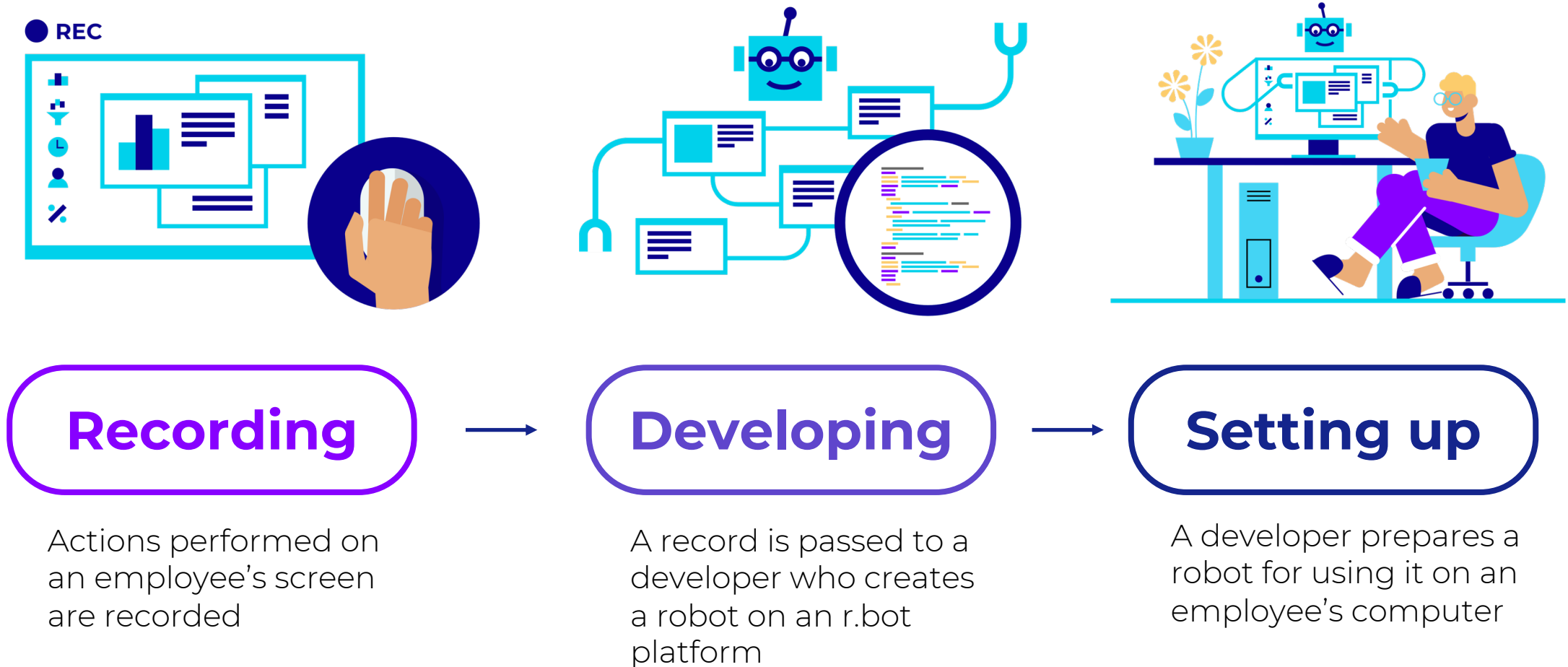
Competitive analysis

		r.bot	UiPath	Robin	Elektroneek
1	Programming language	PHP, C#, Python, JS	C#, Visual Basic	C#, Python, Java	JS
2	Orchestration tools	+	+	+	+
3	Visual Development Environment	+	+	+	+
4	Platform	.NET Framework (.NET5 soon)	.NET Framework	.NET Framework	JavaScript + Tensor Flow
5	Development Environment Cost, $	~ 2,755	~ 2,975 + 19,856 orchestrator	~ 8,950	~ 2,755 + 7,738 orchestrator
6	Average cost of a robot design, $	~ 1,377	~ 7,945	~ 2,478	?
7	Using other manufacturers' robots	Expected soon	—	—	—
8	Plug-ins and services similar to Captcha (Recaptcha 1,2,3)	+	—	—	—
9	OCR tools integration (images recognition, vision)	+	+	+	+
10	Accounting and office systems integration	+	+	+	+

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Review

One of the largest Russian electricity retailers JSC 'Mosenergosbyt' jointly with «BizApps» successfully completed an RPA project on the r.bot platform for InterRAO energy company group.

In a short time we developed and brought to operations dozens of software robots. According to preliminary estimations, robots have increased productivity of each desktop by 40-60%. For example, now robots are conducting consumer debt checks for electrical and heating services. Not only has it reduced a great number of routine tasks performed by workers themselves, but also it reduced time for reconciliation errors analysis and processing.

Robotization – is one of the most promising avenues of business process automatization at IT-market. It doesn't require any complex metrics for economic effect identification and allows to get an instant return on investment.

Evgenii Romanovich Ionikeev

The Chief of the Support Division
JSC «Mosenergosbyt»

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Value we have created for JSC «Mosenergosbyt»

This case study is an example in point of robot implementation for JSC Mosenergosbyt

Before robotization:

3 legal department employees filed and sent applications to the official website of the Federal Bailiff Service for obtaining the status of enforcement proceedings.
It took 20-25 minutes to submit only 1 application. One employee could send 20-25 applications per day.

After robotization:

The robot prepares and sends at least 1200 applications in 7 days. It works at night, and in the morning, the employee who is responsible for this task can literally harvest the fruits of a robot's 'night shift'.

Results

1 **employee is involved in the process**

12 **times more applications processed per week**

from **6** **to** **8** **hours of free time for lawyers per day**

Robot-performed action examples

№1. Contracting partner verification

Checking the consistency of legal entities data with the Register of Legal Entities.

Time spent before robotization: 4 hours per day
After: 1 hour per day
Robot price: ~ 275 $
You save: ~ **8,328 $ a year**
Payback: 4,37 months

№2. Documents preparation

Collecting and compiling different format files in one document (agreement) according to the set rules.

Time spent before robotization: 20 minutes per document
After: from 2 to 7 per document
Robot price: ~ 1,101 $
You save: ~ **7,807 $ a year**
Payback: 5,93 months

№3 e-Tendering

Search for suitable competitions on the e-platforms and filing out participation forms.

Time spent before robotization : 3 hours per day
After: 1 hour per day
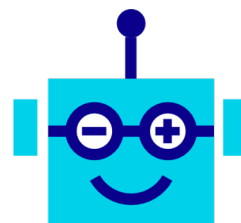About **50 requests per day**
Robot price: ~ 1,376 $
You save: ~ **6,242 $ a year**
Payback: 7,94 months

Therefore,

rbot reduces **time and required manpower** for tasks completion.

One robot could replace 3 human employees

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Consider robotization? Here is what to remember:

Robotization can be performed if a process has been formalized and prepared for further robotization
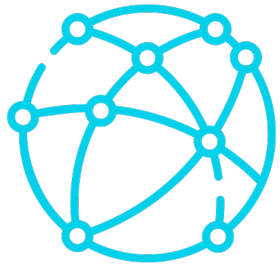
Average payback period is 7 months

A company should act with discretion when it comes to processes robotization, especially if estimated payback time greater than 2 years

Robotization process cost-effectiveness is directly related to the number of automated processes

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We are ready to enter foreign markets

Here is why

We have worldwide experience

R.bot does not require localization.

The technology itself suits **any business process**

Both our product and website are now **available in English**

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Thank you for your attention

Contact us

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