

Bank Reporting System

Automated the reporting process for one of the largest banks in Russia — Russian Agricultural Bank

About client

One of the largest Russian state-owned banks, with total assets exceeding three billion roubles. Its network of 66 regional branches and over 1,260 additional offices covers over 60% of territory of the Russian Federation and is among top 3 largest branch networks in the country. It has opened representatives offices in Azerbaijan, Belarus, Kazakhstan, Armenia and Tajikistan.

Challenge

The bank's main server is daily handling a vast amount of data from over 1200 offices across several countries. After receiving the reports in Excel tables, employees had to process them manually. That was a time-consuming, ineffective, and unprofitable procedure.

The solution was an automated system generating clear and readable financial reports from thousands of electronic tables. The bank's management tested several solutions before opting for a customized software product.



Industry

Financial technologies

Location

Russia

Key points

- Automated routine work of Bank employees.
- Significantly accelerated processing of large amounts of data.
- Created a convenient template Builder for generating reports.

Team

Project manager — 1
Analyst — 1
Front-end developer — 1
Back-end developer — 1
QA engineer — 1

Duration

3 months

Technologies

Microsoft SharePoint, .Net framework, C#, JavaScript

Approach

Communication with client was based on the following principles:



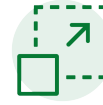
Quick Start



Transparency of process



One-Hour Response



Scalability



High level of trust

Template constructor

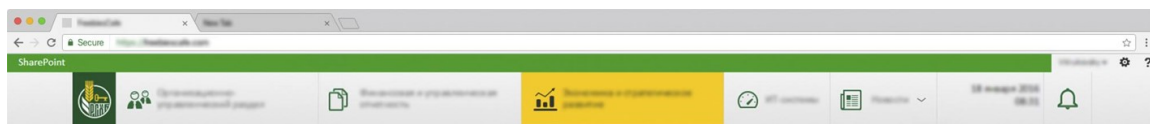
Sibedge planned the entire project – from analysis and scheduling to product deployment and support. We came up with the idea of a flexible template constructor for report generation. Thus, bank employees are to see only the needed details, while the rest ones were filtered out.

Integration and design

We successfully fit the customer's brand book with the visual design of the system. It was directly integrated into the bank's corporate site so that users could get access from their personal accounts.

Technologies

A team of 5 had been developing the system for 3 months. With Microsoft SharePoint as a main platform, this software was written in .NET Framework and JavaScript.



Template constructor

Date chosen:
 Report chosen:

Report columns

Actual dates	Deviation measures dates	Target dates
<input type="checkbox"/> 20.02.2016	<input type="checkbox"/> 20.02.2016 <input type="checkbox"/> 20.02.2016 <input checked="" type="checkbox"/> 20.02.2016	<input type="checkbox"/> 20.02.2016 <input type="checkbox"/> 20.02.2016 <input type="checkbox"/> 20.02.2016

Parameters

- + Parameter 1
- + Parameter 2
- + Parameter 3
- + Parameter 4

Result

The system was successfully put into operation. With the latest interface design standards, this template constructor modifies the set of desired figures and their representation in real time.

The software's benefits:

- Unlimited number of templates to be created and stored
- The system is based on accounts and configurable access rights.
- Reports can be output either to the screen or as Excel tables.
- Thousands of users interact with the system simultaneously.

The system helped to remove part of the burden from the bank's employees, accelerate processing of large amounts of data and make financial reports more readable, thus reducing the money and labour costs of our customer.

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