

MOSCOW CITY ELECTION COMMISSION

Development of a mobile application together with a partner: CROC IT-company.

CROC

CROC has been working in the IT market since 1992 and today is one of top 10 IT companies¹ and top three consulting businesses² in Russia.

Challenge

The customer decided to automate office administration. This objective required a technological base. It has been decided to entrust IT-company *instinctools in partnership with JSC CROC the development of the application.

It was necessary to develop a mobile application that streamlines the entire process:

- simplifies the preparation of documents for meetings;
- provides the commission members with access to agenda items and documents with the help of iPad tablets;
- ensures communication between the commission members during online meetings.

Solution

- Meeting's support has been integrated into iPad mobile devices of the Committee members.
- The ability to download agendas through specialized REST API has been implemented.
- Electronic document management system Alfresco Repository has been implemented.
- CMIS has been hooked up for collaborative content management.
- Support for documents of doc, docx, xls, xlsx, pdf formats, as well as major media formats, has been integrated.
- The function of saving the information downloaded from the server to the local cache has been introduced.

Features



Conduct online meetings - even those, who went on a long business trip, can take part in them.



If a document has an alternative view (Rendition) in pdf format in Alfresco Repository, the app enables to use it as the main one.



Participate in a general discussion with the help of instant messaging; quote fragments of documents included in the agenda items.



Find and copy text passages in pdf.



Use the app in reduced functionality mode if any server service is unavailable.



View agenda, use documents and media files related to the sessions, analyze detailed information.



Colleagues from *instinctools have successfully developed an iPad application to support meetings of the Moscow Election Commission. The following qualities deserve special appraisal:

Flexible approach to minor modifications in the requirements. This allowed making improvements without changes in cost.

Understanding of tight deadlines. Firstly, the design and the prototype, which had been successfully shown to the customer, were collaboratively developed in a very time efficient manner (3 days including one day off).

Secondly, the implementation of the application itself was conducted in compliance with all the deadlines and even earlier. Thirdly, in the case of critical errors, they were improved in several hours.

Quality. On the one hand, in this case, there was no need to involve our QA. On the other hand, the application has already passed the performance tests of the customer.

Oleg Makarov
Client Side Project Manager

Technologies



Aspose



Alfresco Renditions



Xcode



Quartz



XMPP



REST



CMIS