

Case Story Solutions for Telecommunications

Mobile Parking Android App



Knowledge for the future: creative approaches made parking very easy

EMT, the market leader in telecommunication in Estonia, is only interested in the best solutions. In 2010 Proekspert developed a parking application for EMT that made mobile parking child's play. The mobile Parking Android application was developed over 2 months, but the software was knowledge pointing to the future. Behind the scenes, the perfect solution was achieved by creative approaches to a technical challenge.

The Challenge: fast and simple, yet powerful

According to EMT's Service Manager, Raul Murro, EMT had a clear vision of the value EMT wanted to create in the everyday lives of their customers. They had worked with Proekspert before, and knew the company could solve the technical challenge; a challenge that Margus Nael from Proekspert describes as "development in a new framework (Android SDK), creating a usable and useful piece of art"

Margus Nael continues: "The challenge was to deliver a solution as fast, simple and powerful as possible. After 2 months the solution was ready but the process was not without obstacles. We made a prototype and moved on step by step. However, moving from prototype to the real solution was harder than it looked. Thanks to our technical skills, we succeeded, fulfilling EMT's well-defined requirements: a fast, simple and powerful solution"

"People are Proekspert's greatest strength. They have ideas we have to consider. Visualising different approaches gave the best result."

Raul Murro
Service Manager, EMT



THE CLIENT

EMT AS is Estonia's **leading mobile operator**. EMT's mission is to be the market leader in telecommunications and information technology-based solutions. EMT owns and operates telecommunications networks in the domestic Estonian market as well as develops and markets telecommunication and information technology related services, solutions and environments in Estonia and increasingly for export. EMT creates for its customers' opportunities **to be successful in a global information society** relating to their individual personal needs.



The Solution:

“EMT was pioneer in their field long before the parking application was ready, but the mobile parking application was a manifestation of that status”, explains Raul Murro, Service Manager at EMT. “Proekspert made an extremely useful piece of software for the end users: simple, with a good layout and functionally well thought out – all of which made it very easy for our customers to use mobile parking. This application makes the clear statement that EMT is still a pioneer in our field,” adds Raul Murro .

Not only did Proekspert have a satisfied customer in EMT. Not only did they deliver a fast, simple and powerful solution. They also made a difference in people’s everyday lives. From now on, EMT customers could start parking by sending an sms, make a call to end parking and pay by their phone bill. No more coins or paper. The solution seemed simple and perfect, but this is only because some well-considered approaches, choices and options were left behind. The mobile application was a result of many different approaches to a new technical challenge. At the end of the day, it was Proekspert’s technical knowhow, creative approaches and the ability to move forward that made mobile parking very easy.

“People are Proekspert’s greatest strength”, says Service Manager Raul Murro. “They have ideas we have to consider. In this case presenting and visualising different approaches for consideration gave the best result”.



CASE OVERVIEW

Client:
EMT AS

Project:
Mobile Parking Android App

Project objectives:
The application of mobile parking allows the users pay for their parking by using their mobile telephones

Calendar duration:
Start: Sept 2010
End: Nov 2010

Project volume:
120 man-hours

Competencies involved:
Java, Android OS, SOA, Android SDK, Usability analysis

Methods applied:
SCRUM, prototyping

Tools used:
Eclipse and Android SDK for development, Jira for issue management, Confluence as a collaboration tool

Locations involved:
Tallinn, Estonia