

National Receipt Lottery

National Receipt Lottery **Educates Citizens** of Slovakia
and **Eliminates Fraud** in VAT Collection



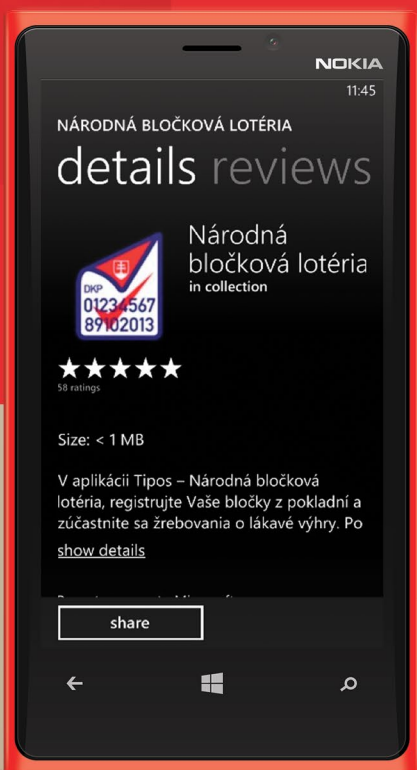
Lottery is
Absolute Success.



Peter Kažimír

Minister of Finance
of the Slovak Republic

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End customer

TIPOS,
národná lotériová
spoločnosť, a. s.

Solution

Our company prepared a web application for registration of receipts and players and mobile applications for operation systems Android, Apple iOS and Microsoft Windows Phone as well. The solution was hosted in the datacenter of an important telecommunication operator and prepared for extreme load.

Customer profile

TIPOS, národná lotériová spoločnosť, a. s., is a business entity, which **operates number lotteries and internet games forming the state lottery** and other hazard games pursuant to the Act No. 171/2005 Coll. on Gambling games and on amendments and supplements to some acts in the wording of later regulations.

The company operates the state lottery and other gambling games based on individual licences issued by the Ministry of Finance of the Slovak Republic.

Background

Stabilisation of tax collection and fight against tax fraud belongs to the priorities of the Ministry of Finance of the Slovak Republic. The Ministry dedicates great amount of energy to creating a healthy business environment. Moreover, it invests huge amount of financial resources into educating public and realizing many legislative and other measures to reduce tax fraud. **In order to promote** its priorities the Ministry decided to implement an innovative project, yet not seen in the Western world, called the **National receipt lottery**. The state owned business entity **TIPOS, národná lotériová spoločnosť**, a. s., **was entrusted with the operation** of the said.



Project objectives

The primary objective of the National Receipt Lottery project was **to improve effectiveness of VAT collection by eliminating fraud behavior** of some business owners, who had not issued receipts or issued incorrect receipts when selling in shops or providing services. Their customers, in fact citizens of the Slovak Republic, **were motivated to actively ask for receipts**. They could register these subsequently in the National Receipt Lottery system and win attractive prizes, from a financial reward to a car. Educating public on a fair approach to VAT collection and increasing financial literacy was the secondary objective.



Solution description

Our company **has been a long-term partner of the company TIPOS**, for which we realized plenty web projects. With respect to very good cooperation up-to-date and national importance of the National Receipt Lottery project **the NRL was a great challenge for us**. The project received great media attention and big expectations from the state, media and public. Project launch was accompanied by a wide-spread information campaign, which prepared public for the beginning of the lottery. The date was set for 16 September 2013.

Our company prepared **a web application for registration of receipts and players**. With regards to the current trends of using mobile applications we prepared versions **for operation systems of Android, Apple iOS and Microsoft Windows Phone**. The solution was hosted in a datacenter of a significant telecommunication operator and **was prepared for extreme load**.

The launch of the project was accompanied by a significant media coverage, while the news of the National receipt lottery belonged **to the most downloaded and very well evaluated mobile applications** within Slovak distribution channels.

	1ST DAY OF THE PROJECT	1ST MONTH OF THE PROJECT	END OF THE YEAR 2013
Page views	2,5 million	42 million	52 million
Registered users	50 thousand	300 thousand	450 thousand
Unique users	25 thousand	1 million	
Registered receipts	500 thousand	13 million	more than 39,4 million

Number of downloads as of the end of 2013:



Google Android 50 000 downloads



Apple iOS 19 500 downloads



Windows Phone 2 500 downloads*

* version for Windows Phone was launched into operation in the second stage of NRL



Technologies used

The application core was set up on the Microsoft platform, specifically on **Windows Server 2008 R2 Standard and Microsoft SQL Server 2008 R2**. The infrastructure was placed in the housing center and prepared for (Slovak conditions) extreme load.

Based on the penetration of mobile devices in the first stage we released versions for cell phones and tablets on the **Android and Apple platforms**, in the second stage **on the Windows Phone platform**. The common denominator of all platforms development was their shared progress. We used the tool called **Xamarin Studio**, which enabled us to write the mobile applications in the C# language, usual for the development in the Microsoft environment, and port them into Android and Apple environment.



Future of the application

The Ministry intends to increase attractiveness of the National Receipt Lottery by other improvements. The new products should be focused on small stores in retail and restaurants, for example through increasing prizes in the second chance.

Possibility of having invoices registered is another novelty, as well as using data, which the receipt lottery massively produces, more effectively, in controlling activity of the financial administration and help better collect taxes in Slovakia.

With respect to technological innovations, using QR codes in registering receipts would minimize the Time Berojčím and time burden when registering the receipt and especially attractiveness for younger generation would go up.



We achieved significant benefits

- popularization of the fair approach idea of business owners to VAT,
- citizens of the Slovak Republic became controllers of VAT collection for minimum costs,
- 7x more impulses for checks in the first month of operation,
- most intensive start of an IT project in Slovakia from the aspect of users and burden,
- access through web platform as well as mobile applications,
- NRL belongs to the most downloaded and very well valued mobile applications in the Slovak market.



Since March until end August 2013 we received about 300 impulses. Following the launch of the National receipt lottery in the beginning of September the number of receipts registered increased 7x and before 21. 10. 2013 citizens reported approximately 2 180 receipts.

Patrícia Macíková

Spokesperson of the Financial administration

Source: Aktuality.sk

Naše ocenenia

12x

Microsoft
Industry Awards

🏆 Winner

🇸🇰 Slovak Republic

3x

Microsoft
Industry Awards

🏆 Finalist

🇸🇰 Slovak Republic

4x

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