



Lecture for the international conference:

EUROPEAN TRANSPORT TRENDS:

TOLL SYSTEMS IN EUROPE

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Author:

Short description of the speaker's professional career:

Graduated from the Faculty of Electrical Engineering at Warsaw University of Technology, where she got a Ph.D. in technical sciences. She worked in a research institute and later in the Ministry of Finance. Since 1999 she has been associated with ICT companies. Currently working in Kapsch Telematic Services. She is the Vice Chairman of the Council of Polish Chamber of Information Technology and Telecommunications and Chairman of ITS Committee.

Title of the lecture:

“Electronic Toll Collection in Poland – achievements and perspectives”

Abstract:

Achievements:

viaTOLL - electronic toll collection system implemented in July 2011 was built from the ground up in a record-breaking period of just 8 months. Its provider and operator is Kapsch Telematic Services which signed an eight-year contract with the General Directorate for National Roads and Motorways (GDDKiA). The system implementation costs recouped in just 18 months. This is currently the largest and technologically most advanced ITS project in Poland.

Prior to implementing the viaTOLL system, Poland had an obsolete and loss-generating vignette system and the country was facing the need to adjust its law to EU directive requirements on road infrastructure utilization charges. The new solution was to be interoperable, future-proof and, most of all, a source of revenue for the National Road Fund which finances the construction and modernization of roads in Poland.

Initially, the system was implemented on a 1560 network of roads, but the plan was for viaTOLL to cover a total of 7000 km of roads in Poland. Electronic toll is charged per individual section of toll national roads, expressways and motorways managed by the GDDKiA. In Poland, toll is charged



on vehicles and articulated vehicles whose gross combined weight (GCW) exceeds 3.5 tons. The rates depend on road category, mass and emissions norm compliance.

Perspectives:

By now system covers over 2600 km of different category roads. Unfortunately there are also sections of motorways which are not managed by the state but by private owned companies (concessionaires) and tolled manually. It is highly recommended that in near future all different tolling systems would be unified under the viaTOLL system.

The other thing is a perspective of Multi Lane Free Flow implementation for passenger cars. By the decision of Polish government, newly developed motorways sections need to be prepared for electronic tolling. This is a great opportunity for viaTOLL system which enables users to use viaAUTO device to pay electronically at state governed motorway sections. Making this solution common, as the only way to pay for road infrastructure in future, is now one of the greatest challenges for Polish government as well as for the ETC operator – Kapsch Telematic Services.

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