



Contiguity program Hungary - Slovakia

2004 - 2008

Creation of data network providing for electronic communication between the firemen from the Hungarian Republic and the firemen from the Slovak Republic.

- Regional Head-Office of the Fire and Rescue Corps in Nitra
- Disasters Management Directorate of Komárom- Esztergom, Győr-Moson-Sopron, Pest

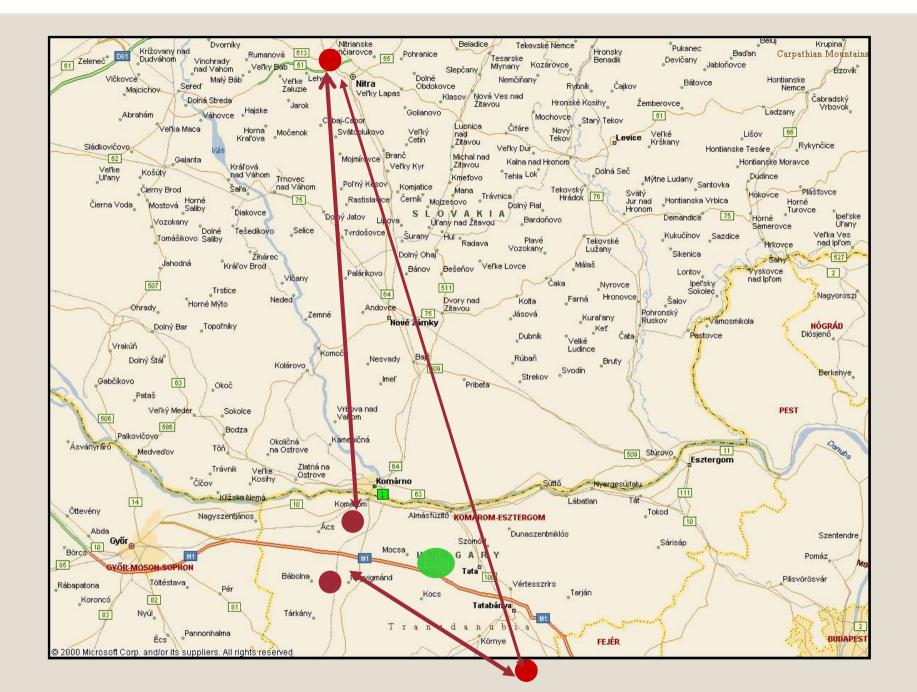
Areas of relevance

What were our problems with mutual connection and notification

- Long period of notification
- Distance
- Long period of arrival
- Accidents in boundary areas

Distance among fire stations (km):

Komárno	Kolárovo	Nové Zámky	Štúrovo	Levice	Šahy	Želiezovce		Komáro m	Ostriho m	Vác
0	24	30	50	77	94	66	Komárno	2	51	91
50	66	50	0	57	50	32	Štúrovo	52	2	40
94	92	73	50	35	0	39	Šahy	96	50	40



Connection by telephone

Connection by radio - station



What were possible solutions

- Own capital and reserves
- Financial help from the EU



Financial resources

Maďarsko

Slovensko

Župa Győr-Moson-Sopron Župa Komárom-Esztergom Župa Pest

Nitriansky kraj

INTERREG

Projects INTERREG are financed by means of ERDF fond as well as national cofinancing and in this way it is possible to get non-refundable financial contribution.



Cross connection and notification
 By means of the video conference,
 By means of the audio
 By means of the chat
 By means of the file transfer and data

GIS

transfer

- Simulation of dangerous accidents ,
- Dangerous substances
- evidence of employees and fire technics

What do we need to solve

Realisation and selection of supplier

public tender

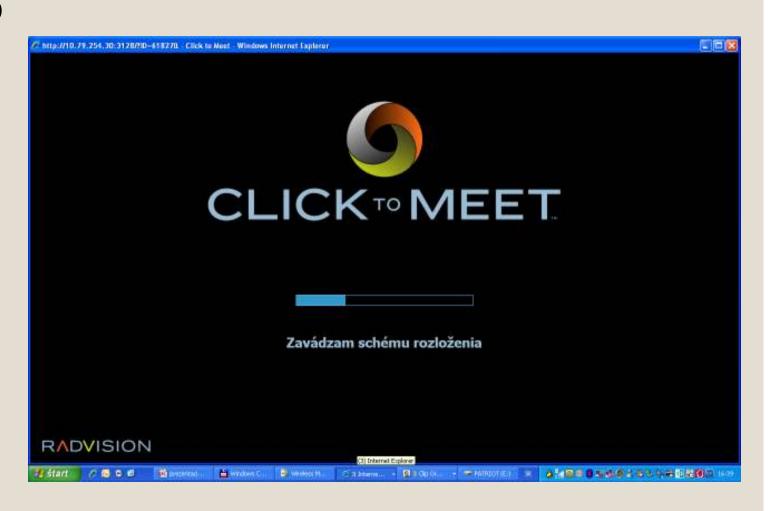




Geografické informačné systémy

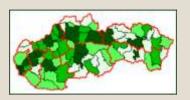


- video conference
- Picture
- Audio
- Text
- Data



Software

Geographic Information System



Software provides maps, data and geographic applications at Nitra region. It make possible to work with individual measures maps, identification in defined elements, conditional selection of required elements, its single searching, analyzing as well as deposition new defined elements.

It makes possible to search particular location in the streets systems in the district towns at Nitra region.

Simulation of dangerous accidents



Plan presents data base about consequences of dangerous stuff leak in open area. It provides data base about disaster area as well as about safe zone. It also allows collaboration with the geographic information system.

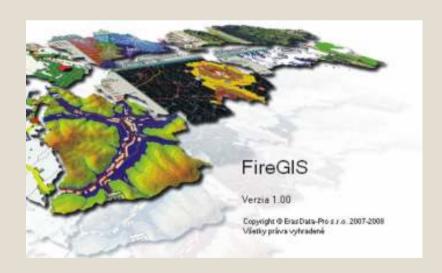
Dangerous substances



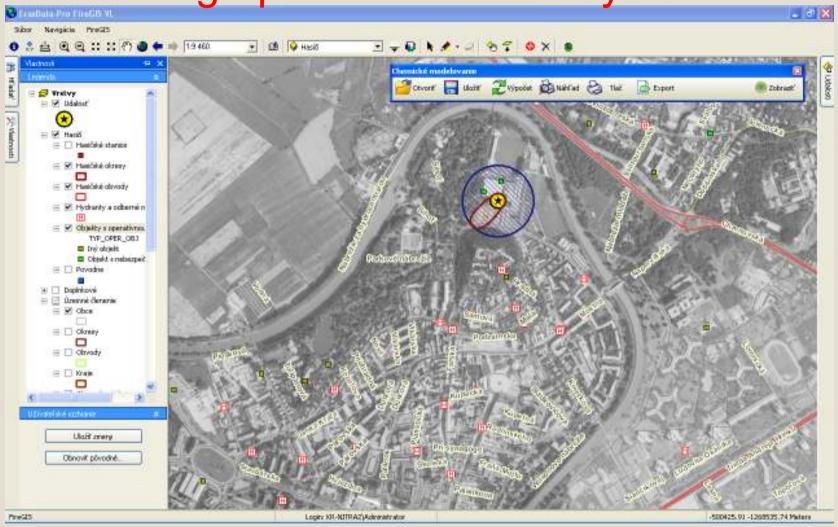
This program presents database about physical- chemical features of dangerous stuff, about conditions of protection as well as about procedure of its liquidation.

.

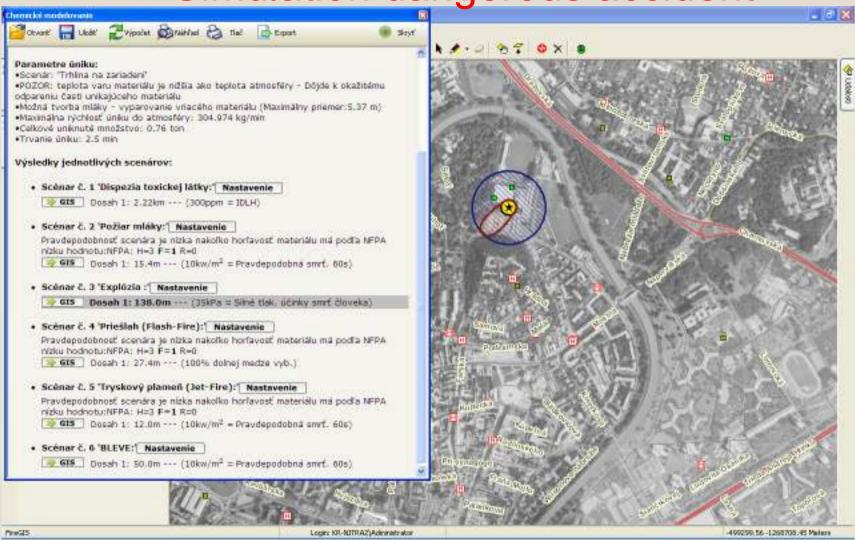
- Geographic Information System
- Maps
- Simulation of dangerous accidents
- Dangerous substances
- Evidence of employees and fire technics



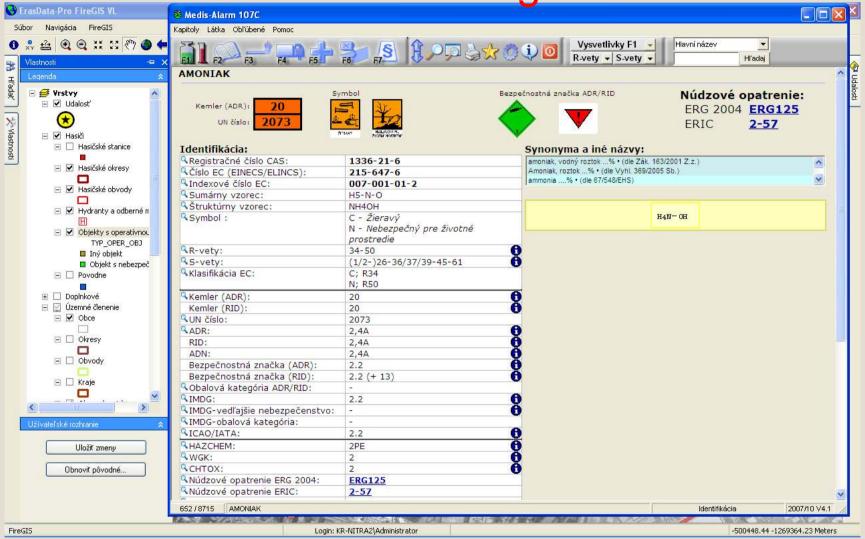
Geographic Information System



Simulation dangerous accident



Substances dangerous



Evidence mans and fire technics









Hungary

Cegléd











OR HaZZ Komárno

















Dabas

OR HaZZ Levice







NITRA







OR HaZZ Nitra









Virtual data network







megyei



OR HaZZ Nové Zámky









Tatabánya



OR HaZZ Topoľčany













Győr-Moson-Sopron megyei







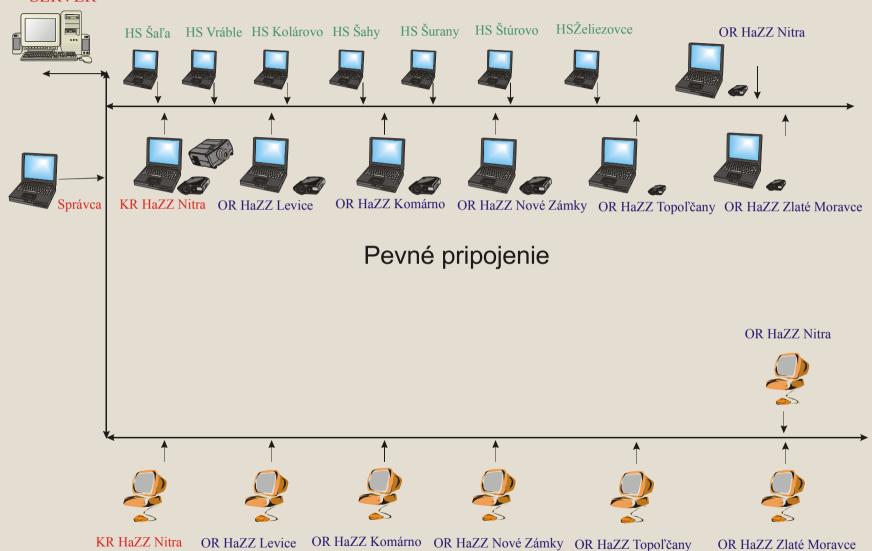
Mosonmagyarővár

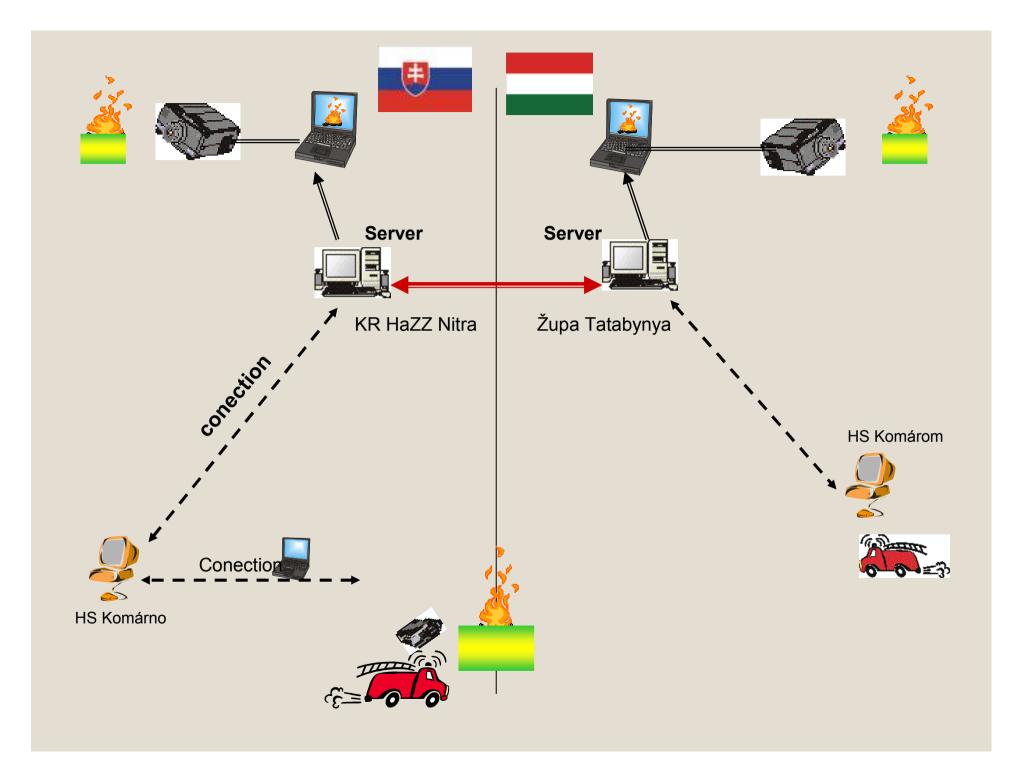




KR HaZZ Nitra SERVER

Pevné / mobilné pripojenie





What are the improvements

- Faster emergency rescue for people
- Fast and troublefree conection
- video audio
- Possibility of experience exchange and meetings without travelling

connection with other rescue teams

Project application

- Training conference
- consultation
- exchange of experience
- everyday communication



Further project development and future plans

- Connection
 between Regional
 Head-Office of the
 Fire and Rescue
 Corps in Trnava
- Extension of Slovak Firemen



kpt. Ing. Róbert Ambra, ambra@hazzni.sk

KRAJSKÉ RIADITEĽSTVO HASIČSKÉHO A ZÁCHRANNÉHO ZBORU V NITRE

☑ Dolnočermánska 64, 949 11 Nitra; + +421 37 6520420; + +421 37 6584 872;
e-mail: hazzni@hazzni.sk; www.hazzni.sk