

UIC WORLD SECURITY CONGRESS

**Evolution of criminal
behaviors and possible
answers**

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Introduction – differences of railway company

- Large area – whole territory of the state
- No fencing – free and easy access
- Level of technology – not highest
- Human resources – mentality, behaviour

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Selected problems of security

- Homeless
- Aggression against employees
- Thefts and Vandalism
- Railway crossings and suicides

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Homeless

- Two categories:
 - Neprispôsobivé persons (criminals)
 - Actively cooperating persons
- Taken measures:
 - Guarding with external security units
 - Information leaflets
 - Station broadcasting for passengers
 - Disinfections of dirty rooms
- Proposed measures:
 - Change of national laws

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Aggression against employees

- Verbal and physical attacks
- Taken measures:
 - Guarding with external security units
 - Training of staff
 - Information leaflets
 - Disinfections of dirty rooms
- Proposed measures:
 - Installation of CCTV
 - Preparation of emergency buttons

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Thefts and Vandalism

- Taken measures:
 - Published special catalogue with railway components
 - Established common working groups with Police
 - Development and production from alternative raws
 - Guarding with external security units
- Proposed measures:
 - Research and development of new design solutions
 - Change of laws on European level

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Railway crossings and suicides

- Total number of crossings: 2180
 - 1123 are unsecured and marked only with road sign
 - 1057 are secured (mechanical, with light signal or both)



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Total number of Railway crossings from 2000 to 2012

Year	Number of Crossings	Number of Accidents	Number of dead	Number of severely wounded
2000	2486	46	9	5
2001	2486	67	13	6
2002	2481	75	14	8
2003	2479	41	6	15
2004	2479	59	10	5
2005	2479	71	7	16
2006	2322	60	12	9
2007	2307	69	6	14
2008	2307	69	17	17
2009	2265	51	26	14
2010	2220	50	11	7
2011	2205	50	12	14
2012*	2180	32	12	7

* up to august 2012

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Railway crossings and suicides

- Taken measures:
 - Reducing the number of crossing
 - Preference of **mimoúrovňových** crossings
 - Increase the degree of security (unsecured to secured)
 - Identification with unique number
- Proposed measures:
 - Installation of setbacks on the road

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Thank you for your attention