



INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

UIC Security @ TRA – Transport Research Arena

Paris, April 2014

Railway Security at UIC - <http://www.uic.org/security>

Security is an increasing concern for the railways and a shared responsibility between railways and national authorities that needs a coherent international approach.

The **UIC security platform** includes permanent and ad-hoc thematic working groups and holds an annual World Security Congress since 2000!

UIC security platform structure

Global Platform and Steering committee

chaired ZSSK (Slovak Republic) and co-chaired by Indian railways.

Working Groups

3 permanent :

Human Factors - Chaired by RZD (Russia)

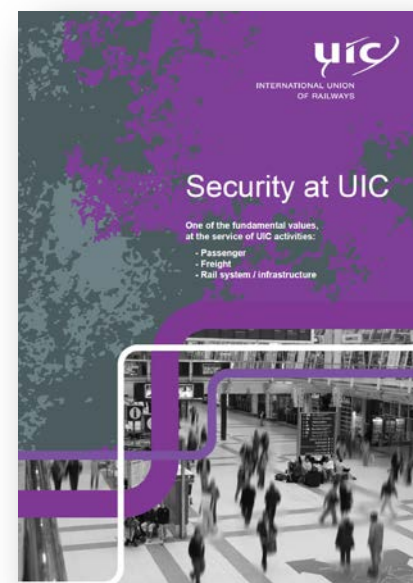
Technology - Chaired by FS (Italy)

Procedures and Regulations - Chaired by SNCB (Belgium)

2 Thematic on request of members

Borders crossing, International traffic, Security - Chaired by PKP PLK (Poland)

Metal theft – Chaired by DB (Germany)



PROTECTRAIL



The Railway-Industry Partnership For Integrated Security of Rail Transport - www.protectrail.eu



Final event on 27-28 May 2014 in Paris,
UIC HQ with demonstration of “high
probabilities low impact “ capabilities

RESTRAIL



Reduction of suicides and Trespasses on railway property www.restrail.eu

Recommendations.

Guidelines.

Best practice.

General guidance
(how to analyse)


Specific guidance
(how to implement)

Final event on 18 September 2014


RESTRAIL CBT tool for responding bodies






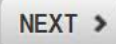
Menu

- Welcome
- Lesson navigation
- ▼ Objective 1 - Understanding the prob...
 - Suicide attempts
 - Test your knowledge
 - Statistics of suicides and fatal tre...
 - Suicide and fatal trespassing stat...
 - Cancelled trains and delayed pas...
 - Six types of railway incidents
 - Implications of suicide or fatal tr...
- ▶ Objective 2 - Understanding railway...
 - Incident response sequence
 - What are the decision makers' ma...
 - Roles & responsibilities of the re...
 - Incident management, command ...
 - The roles of Gold (strategic), Silv...
 - Understanding the tactical level a...
- ▶ Incident notification - accident o...
 - Incident notification - accident...
 - The full incident response seq...
 - Those making the decision on lin...
- ▶ Objective 3 - Supporting the railway...
 - Reducing the shut-down time of t...
 - Four key measures railways can i...
 - Memorandum of Understanding (...)
- ▶ Effective incident response plan ...
 - Effective incident response pla...
 - Incident location
 - Incident and track access poin...
 - Incident and track access poin...
 - Lines of communication and c...
 - Training and exercises to improv...
- ▶ Sources of essential data for inci...



OBJECTIVE # 1 - UNDERSTANDING THE PROBLEM, ITS SCOPE AND SEVERITY





SECRET

Protection of railway infrastructure against EM attacks www.secret-project.eu



Starting date : 01 August 2012 for 36 Months

Budget : 4,268 M€ (including 3,059 M€ funding by EU)

Coordinator : IFSTAR (France)



Partners : 10 Partners from 5 countries



Added value

- To provide recommendations to better protect rail communication and signalisation system against electromagnetic attacks



CIPRNET



Critical Infrastructure Preparedness and Resilience Research Network

Estimated Starting date: 01 March 2013 for 48 months

Budget : 7,3 M€ including 6,5 M€ EU funding

Coordinator: Fraunhofer IAIS

Partners : 11 partners from 8 countries : 10 R&D partners, and UIC as end-user representative

**CIPRNet Master Class on Modelling, Simulation and
Analysis of Critical Infrastructures.**

24th and 25th April 2014 Paris - UIC HQ.

New projects co-funded by the EC in 2014 (FP7, call security 6)

- > **GRAFFOLUTION : graffiti prevention**
Coordinated by SYNYO GmbH (research center in Austria)

Kick off on 8 April 2014

- > **PREDICT : PREparing for the Domino effect In Crisis situations**

Coordinated by CEA (research center in France)

Kick off on 30 April 2014



- > **CALL ‘MOBILITY FOR GROWTH’ - Infrastructure - MG.8.2-2014.**
Next generation transport infrastructure: resource efficient, smarter and safer
 - > **REFORM : REduction of Fatalities and Optimisation of Road/rail traffic Management**
 - > Submitted on 18 March 2014
 - > 2nd step on 31 August 2014

- > **CALL Secure societies – “Protecting freedom and security of Europe and its citizens” - BES-9-2014: Supply Chain Security topic 2: Technologies for inspections of large volume freight**

- ■ ■ **Thank you for your kind attention and we will be happy to answer any questions.**

For more information please visit us @ the UIC website on security activities

<http://www.uic.org/security>

