



INTERNATIONAL UNION
OF RAILWAYS

Security at UIC

One of the fundamental values,
at the service of UIC activities:

- Passenger
- Freight
- Rail system / infrastructure





RAILWAY SECURITY

Worldwide policies for the protection of persons, information, goods and infrastructure from all forms of threat, from malicious acts to terrorist attacks, for the purpose of improving service quality and developing transport.



- » An increasingly important issue in the UIC Regions.
- » A common responsibility to meet the demands of customers and staff.
- » In addition to the security of traffic, security now forms an integral part of customers' demands (passenger and freight) and the working environment of staff.
- » A shared responsibility with national authorities. Alongside law enforcement authorities (police forces, border guards, etc.), railway companies together with their security service providers play a specific and recognised role.
- » Greater coherence has to be achieved at European level and beyond to follow the development of international traffic, in the face of institutional contexts that vary from country to country.

OBJECTIVES

Raising awareness in the railway sector of this increasingly important issue.

Training staff to reach the levels required for their jobs.

Ensuring coherence between different security policies to help the development of international traffic.

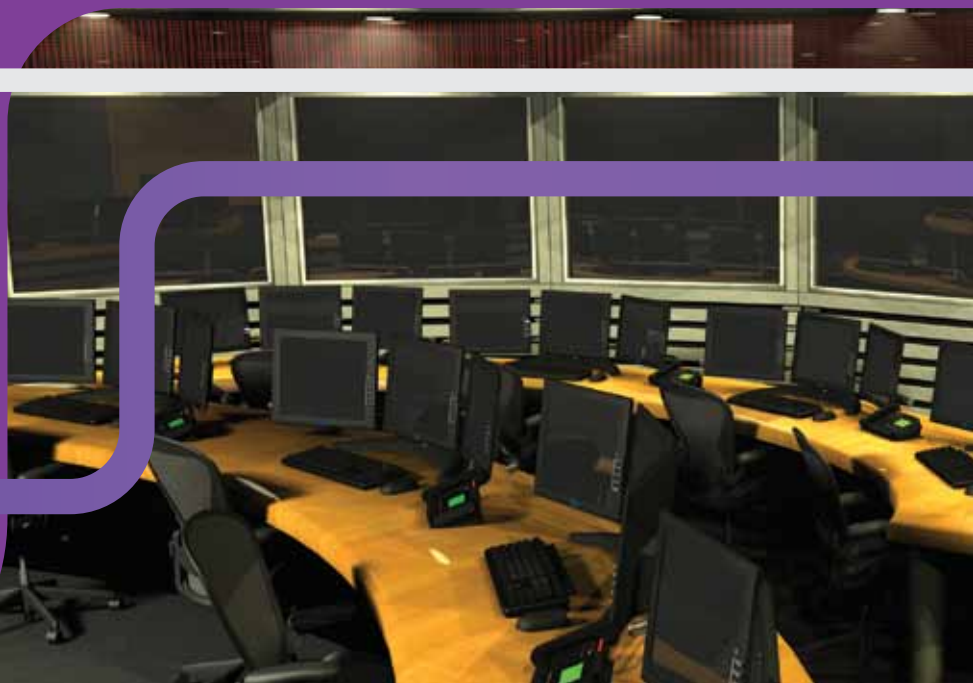
Running research projects of interest to UIC members or representing UIC members in research projects.

Developing networks of experts to ensure security is integral to railway jobs and their regional specificities.

Sharing experience among UIC members to identify the best solutions and adapt them to each specific situation.

Developing responses from across the rail sector vis-à-vis and in partnership with European and other international institutions.

Sending out information in a manner suitable for the subject matter, via the UIC security website:
<http://www.uic.org/security>





PRIORITIES

At the request of UIC members, getting involved in fundamental or topical issues and preparing position statements: drafting texts, organising training, seminars and conferences, ensuring security is taken into account in passenger, freight and rail system/ infrastructure activities.

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- » Expanding and strengthening institutional and professional partnerships.
 - » At the request of institutional partners, developing, establishing and presenting the rail sector's position on security in cooperation with other existing structures concerned (for example CER and EIM at EU level).
 - » Participating in or leading research projects for the benefit of members (in Europe and beyond).
 - » Taking into account the evolution of rail sector structures in Europe and beyond in developing the sector's security policies.
 - » Developing synergy between security and safety, in particular for the specific requirements of high speed traffic.
 - » Anticipating and preparing the future of railway security.

TOPICS FOR 2012-2013

At worldwide level, creating or cultivating regional networks of security experts in order to develop joint recommendations and better responses to regional issues.

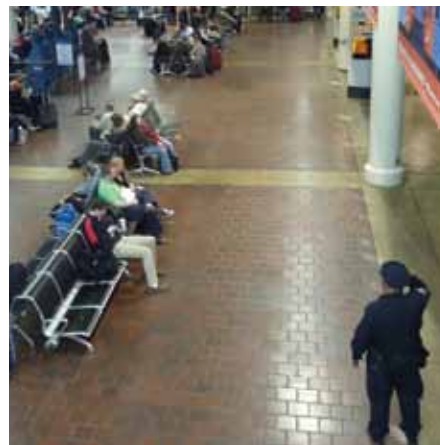
Developing current research projects and preparing useful follow-ups for UIC members.

Developing the activity of working group members and disseminating the results.

At European level, strengthening coordination between stakeholders and preparing with CER and EIM for the changes in security organisations due to market liberalisation.

Organising annual congresses and other events at the request of members.

Organising security measures for major multimodal stations in cooperation with UITP.



SECURITY STRUCTURES AT UIC



The Security Platform was created by the UIC Executive Board in June 2006 and restructured in 2008 at global level. From July 2012 (UIC General Assembly in Philadelphia) to July 2014, the platform will be chaired by ZSSK (Slovakia) and vice-chaired by IR/RPF (India).

THE SECURITY PLATFORM

- » Annual congresses to take stock of the work carried out and to propose future priorities.
- » A Steering Committee meeting every quarter involving the UIC regions (the UIC special group COLPOFER for Europe, Coordinating Council on Transsiberian Transportation, etc.), UIC department activities (passenger, freight, rail system/infrastructure) and professional and political partners (UITP, RAILPOL, CER, EIM, etc.).
- » Three permanent working groups.
- » Three ad hoc working groups at the request of UIC members.



THE SECURITY DIVISION

- » Acts as a permanent contact point.
- » Leads the platform together with the Chair and Vice-Chair.
- » Coordinates or ensures external UIC security representation in international organisations, seminars, conferences, etc.
- » Produces draft texts concerning railway security.
- » Addresses issues related to security research.
- » Ensures that information is shared (prospectuses, brochures, UIC leaflets, CD-ROMs, etc.), keeps the UIC security website up-to-date (<http://www.uic.org/security>) and manages the extranet, a platform for sharing information between authorised partners only (extranet – security workspace <http://extranet.uic.org>).

RUNNING OF THE PLATFORM

PERMANENT GROUPS

- » **HUMAN FACTORS**, chaired by RZD (Russia): policy coordination, security staff, other staff, customers.
- » **SECURITY TECHNOLOGIES**, chaired by FS (Italy): following the development of security technologies and adapting them to the requirements and constraints of railways.
- » **STRATEGY AND REGULATIONS**, chaired by SNCB-Holding (Belgium): taking into account the consequences of European market liberalisation in the organisation of rail security, passenger rights.

AD HOC GROUPS

- » **BORDER CROSSING IN THE SCHENGEN AREA AND OTHER AREAS**, chaired by PKP PLK (Poland): analysis of Schengen border points, partnership with the European agency Frontex, extension of the analysis method to other areas.
- » **SECURITY OF INTERNATIONAL FREIGHT CORRIDORS**, chaired by PKP PLK: analysis of the E10-E20 corridor and extension towards Asia.
- » **METAL THEFT**, chaired by SNCF (France): technological answers, legislative and regulatory aspects, partnerships.

MAIN RESULTS

- » **HUMAN FACTORS**: drafting awareness handbooks for staff and developing procedures on the behaviour to adopt in case of an attack or other emergency.
- » **SECURITY TECHNOLOGIES**: analysing threats and potential technological responses, role of CCTV systems, partnership with UITP, involvement in research projects.
- » **STRATEGY AND REGULATIONS**: analysing differences between countries, relationship between public and private security, coherence in security in international traffic.
- » **BORDER CROSSING**: determining whether to create a specific professional identity card recognised at border crossing points for certain members of staff.
- » **SECURITY OF INTERNATIONAL FREIGHT CORRIDORS**: identifying problems at borders, study on securing test trains.
- » **METAL THEFT**, establishing the group, assessing technological detection and warning solutions, legal aspects and defining the status of offences.



MAIN SECURITY EVENTS SINCE 2010



UIC 2010 WORLD CONGRESS ON RAILWAY SECURITY

In partnership with TCDD (Turkey): Istanbul, 23-25 June, "Security, a key component for rail business".



UIC 2011 WORLD CONGRESS ON RAILWAY SECURITY

In partnership with FS (Italy): Rome, 22-23 September: "New prospects in a liberalised rail market: global risks and technological answers".



SEMINAR "SECURITY CHALLENGES AND HIGH SPEED DEVELOPMENT"

In partnership with Indian Railways: Mumbai (India), 20-21 October 2010.



UIC 2012 WORLD CONGRESS ON RAILWAY SECURITY

In partnership with ZSSK, ZSR and ZSSK Cargo (Slovakia): Bratislava, 24-26 October 2012: "Human Factors and Security".



SECURITY SESSION

During the 7th World High Speed Congress in Beijing (China) from 7-9 December 2010.

THE UIC 2013 WORLD CONGRESS ON RAILWAY SECURITY

It is scheduled to be held in France in collaboration with SNCF.



ONCF SEMINARS (MOROCCO) "RAILWAY SAFETY AND SECURITY"

21-22 April 2011: Ifrane, after the 2009 seminar in Marrakech.

Next seminar scheduled to be held from 10-12 April 2013.

The CD-ROM with the presentations and closing statements of these events are available on request by emailing security@uic.org.



The UIC 2013 World Congress on Railway Security is scheduled to be held in France in collaboration with SNCF.

PARTNERSHIPS AND INVOLVEMENT



European Commission, preparing two joint letters, on 7 April 2011 and 5 October 2012 addressed to DG MOVE on security in public transport and the railway sector with CER, COLPOFER, EIM, ERFA, RAIPOL, UIC and UITP.



European agency for managing external borders, to finalise work carried out on border points.



Organisation for Security and Cooperation in Europe, to focus on the economic challenges between Central Asian countries and Europe, and antiterrorism.



United Nations Economic Commission for Europe, to improve coherence in the European Union and beyond.

IWGLTS

International Working Group on Land Transport Security (created within the G8) to share experience on a worldwide scale.



International Transport Forum, to debate on the main transport issues and the specific role of railway security.



NATO Transport Group for Inland Surface Transport (TGIST), to carry out joint work on civil transport.

UIC Security is also in contact with UNESCAP (United Nations Economic and Social Commission for Asia and the Pacific), the African Union and various international organisations such as the World Customs Organisation (WCO).



UIC Security recognised as an expert partner for joint work.

RESEARCH PROJECTS CO-FUNDED BY THE EUROPEAN COMMISSION



3rd call for proposals under the 7th Framework Programme

PROTECTRAIL

The Railway-Industry Partnership for Integrated Security of Rail Transport

The project aims to improve railway transport security by developing integrated solutions for infrastructure as well as passenger and freight transport.

Led by Ansaldo STS Spa, the project – launched in September 2010 – is due to last 42 months at a total cost of over 21 million euros, with a consortium comprising 28 partners (from 11 European member states plus Turkey), including UIC and six of its members as end-users: RFI (Italy), SNCF (France), LG (Lithuania), PKP PLK SA (Poland), TCDD (Turkey) and ZSSK (Slovakia).

The participation of the main stakeholders will ensure that the technological requirements of the UIC network members will be fully met. The role of the Security Division is to collect and bring together members' requirements and disseminate the results.



4th call for proposals under the 7th Framework Programme

RESTRAIL

Reduction of suicides and trespasses on railway property

The project aims to develop a toolkit of measures and decision support tools to help infrastructure managers reduce the occurrence of suicide and trespass on railway property and to lessen their impact on operations.

The UIC Security Division ensures overall coordination of the project – launched on 1 October 2011 – for 36 months.

The consortium is composed of research centres, universities, suppliers of security technology and European infrastructure managers. UIC members in the consortium are: DB (Germany), FFE (Spain), IK (Poland), INFRABEL (Belgium), PRORAIL (Netherlands), TCDD (Turkey) and TRAFIKVERKET (Sweden).

The project is led by railways since it is a rail-related topic which aims to address the concerns of the rail industry.



SECURITY OF RAILWAYS AGAINST ELECTROMAGNETIC ATTACKS

4th call for proposals under the 7th Framework Programme

SECRET

SECURITY of Railways against Electromagnetic aTtacks

The project aims to identify EM attack scenarios, assess the consequences and develop resilient architecture able to adequately react in case of EM attack detection.

The project was launched on 1 August 2012 and is set to run for 36 months.

It is coordinated by French Research Institution IFSSTAR. The role of the UIC Security Division in the project is to determine the railway requirements and disseminate the project results and recommendations to UIC members.



Project co-funded by the European Commission



UIC Security is involved in EU research projects in order to represent the railway sector and ensure the results of the projects are disseminated within the railway sector and beyond.

5th call for proposals under the 7th Framework Programme

CIPRNET

Critical Infrastructure Preparedness and Resilience Research Network

This project has been selected by the European Commission and is in the final stages of negotiation. It involves setting up a network of excellence aiming to share knowledge and expertise in the area of protection and critical infrastructure.

The UIC Security Division represents the railway sector in this project.

6th call for proposals under the 7th Framework Programme

In collaboration with various partners, the UIC Security Division is preparing responses to represent the railway sector and ensure the results of the projects are disseminated within the railway sector and beyond. The topics being developed are:

- » Surveillance of wide zones (topic SEC-2013-1.6.3)
- » Defining a research agenda for security issues on land transport (topic SEC-2013.2.2-1)
- » Demonstration project to secure freight supply chains (topic SEC-2013.2.4-1)

OTHER RESEARCH ACTIVITIES



ERRAC

European Rail Research Advisory Council

In consultation with UIC members, UIC Security is involved in defining research topics in the ERRAC Roadmap project to be pursued in the field of railway security.

Call for proposals DG MOVE: project proposals submitted or being developed in 2012

- » HISEC: developing a handbook on the security of high speed rail systems.
- » Study on urban transport security.
- » Study on cybercrime in urban transport.

Call for proposal DG Home: project proposal being developed in 2012

Study on the cost of disruption to public transport systems following a terrorist threat or attack.





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UIC SECURITY WEBSITE
<http://www.uic.org/security>

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