UIC SECURITY PLATFORM
Update on activities

Bruno DE ROSA

Senior Security Advisor – UIC Security Division

Working Party on Rail Transport - 77th session
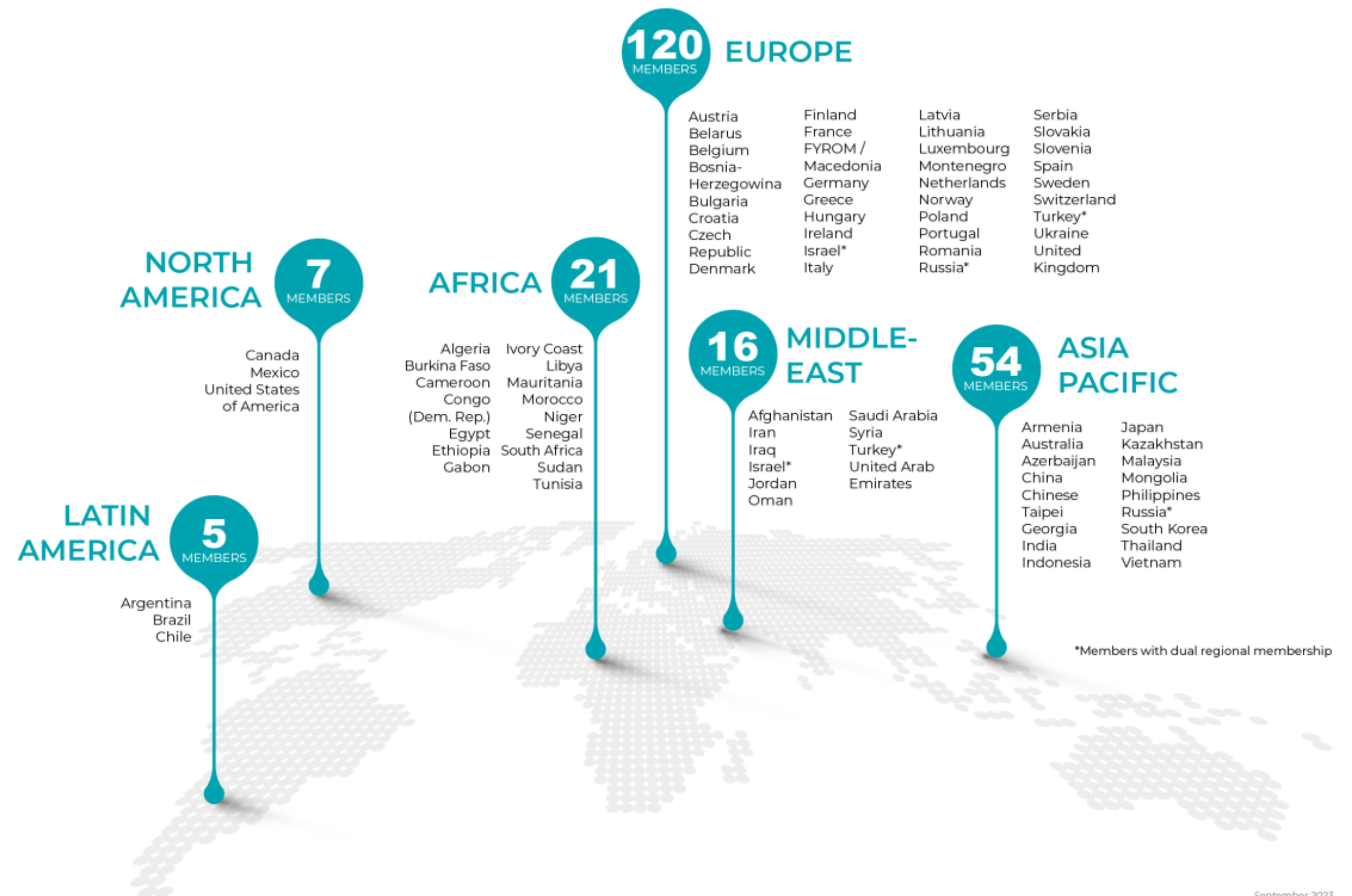
UIC - The Worldwide Railway Organization

❖ **Founded in 1922 in Paris**

❖ **Promotes the development of rail transport at world level**

❖ **Counts 200 members in 95 Countries**

❖ **Platform for:**
- Cooperation
- Research projects
- Dissemination
- Training
- Standards & Technical solutions

www.uic.org

120 MEMBERS EUROPE

Austria, Belarus, Belgium, Bosnia-Herzegowina, Bulgaria, Croatia, Czech Republic, Denmark, Finland, France, FYROM / Macedonia, Germany, Greece, Hungary, Ireland, Israel*, Italy, Latvia, Lithuania, Luxembourg, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia*, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey*, Ukraine, United Kingdom

NORTH AMERICA 7 MEMBERS

Canada, Mexico, United States of America

AFRICA 21 MEMBERS

Algeria, Burkina Faso, Cameroon, Congo (Dem. Rep.), Egypt, Ethiopia, Gabon, Ivory Coast, Libya, Mauritania, Morocco, Niger, Senegal, South Africa, Sudan, Tunisia

16 MEMBERS MIDDLE-EAST

Afghanistan, Iran, Iraq, Israel*, Jordan, Oman, Saudi Arabia, Syria, Turkey*, United Arab Emirates

54 MEMBERS ASIA PACIFIC

Armenia, Australia, Azerbaijan, China, Chinese Taipei, Georgia, India, Indonesia, Japan, Kazakhstan, Malaysia, Mongolia, Philippines, Russia*, South Korea, Thailand, Vietnam

LATIN AMERICA 5 MEMBERS

Argentina, Brazil, Chile

*Members with dual regional membership

September 2023

UIC Security Platform - Objectives

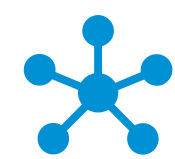**Chair from July 2022 until June 2024**

Mr. Manoj Yadava
General Director RPF

Co-chair – to become Chair in July 2024

Mr Xavier Roche
Security Director
SNCF

MAIN OBJECTIVES

Fostering cooperation at international level on security topics within the railway domain
in sectoral international assemblies and initiatives at European and international level

Sharing experience among UIC members
identify best solutions to address security threats and adapt them to each specific situation

Elaborating recommendations
regarding technologies, human factors and organisation

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

Addressing new threats and developing innovative solutions
coordinating and participating in EU funded projects dealing with rail security

UIC Security Platform – Working groups

3 PERMANENT Working Groups

New Technologies
Chaired by SNCF (France)

- *Video analytics*
- *Drones*
- *Weapon detection systems*

Human Factors
Chaired by ViaRail (Canada)

- *Feeling of security*
- *Security culture (staff training and public awareness);*
- *De-escalation of aggressive behaviour.*

Strategy & Regulations
Chaired by SNCB (Belgium)

- *Security in cross border trains*
- *Legal framework for Technologies*

2 THEMATIC, ad-hoc Working Groups

SIA – Sabotage, Intrusions, Attacks
Chaired by DB AG (Germany)

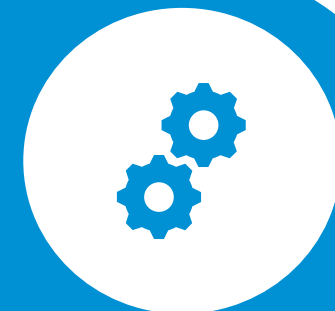- *Critical infrastructure resilience*

Crisis Management
Chaired by PKP S.A. (Poland)
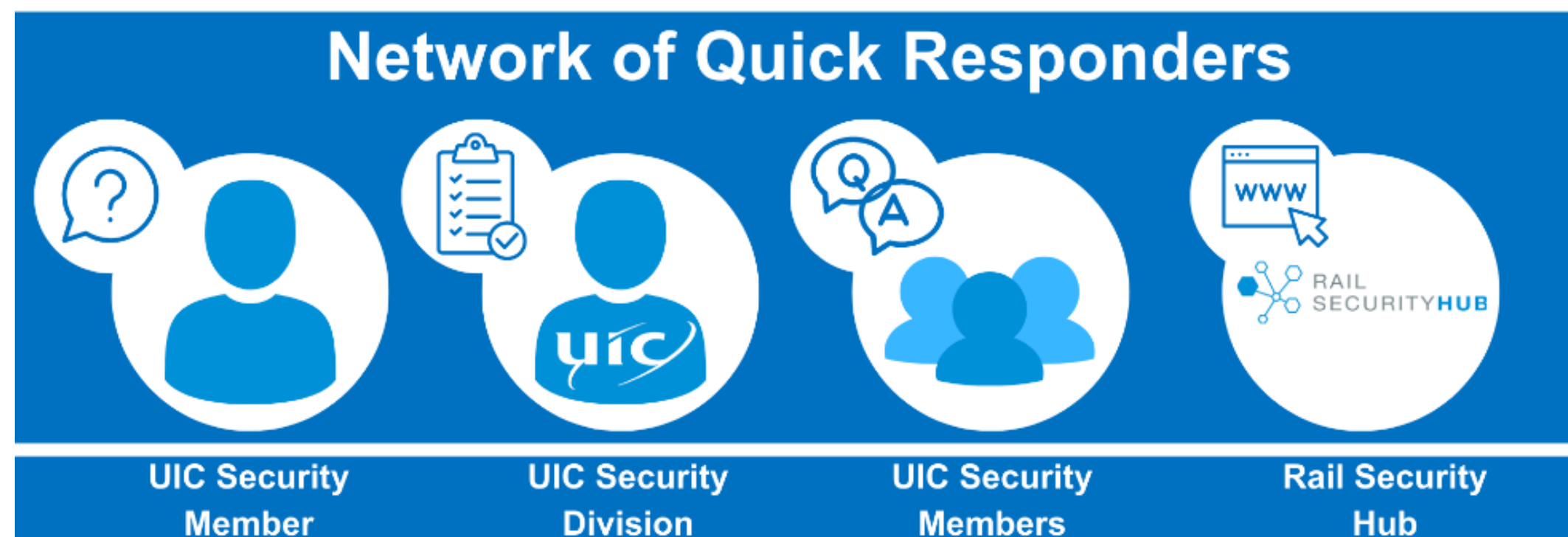Vice-chaired by Indian Railways

- *Business Continuity Management*
- *Crisis Management in case of security incidents*
- *Crisis communication in case of security incidents*

Our tools – Network of Quick Responders

Network of Quick Responders

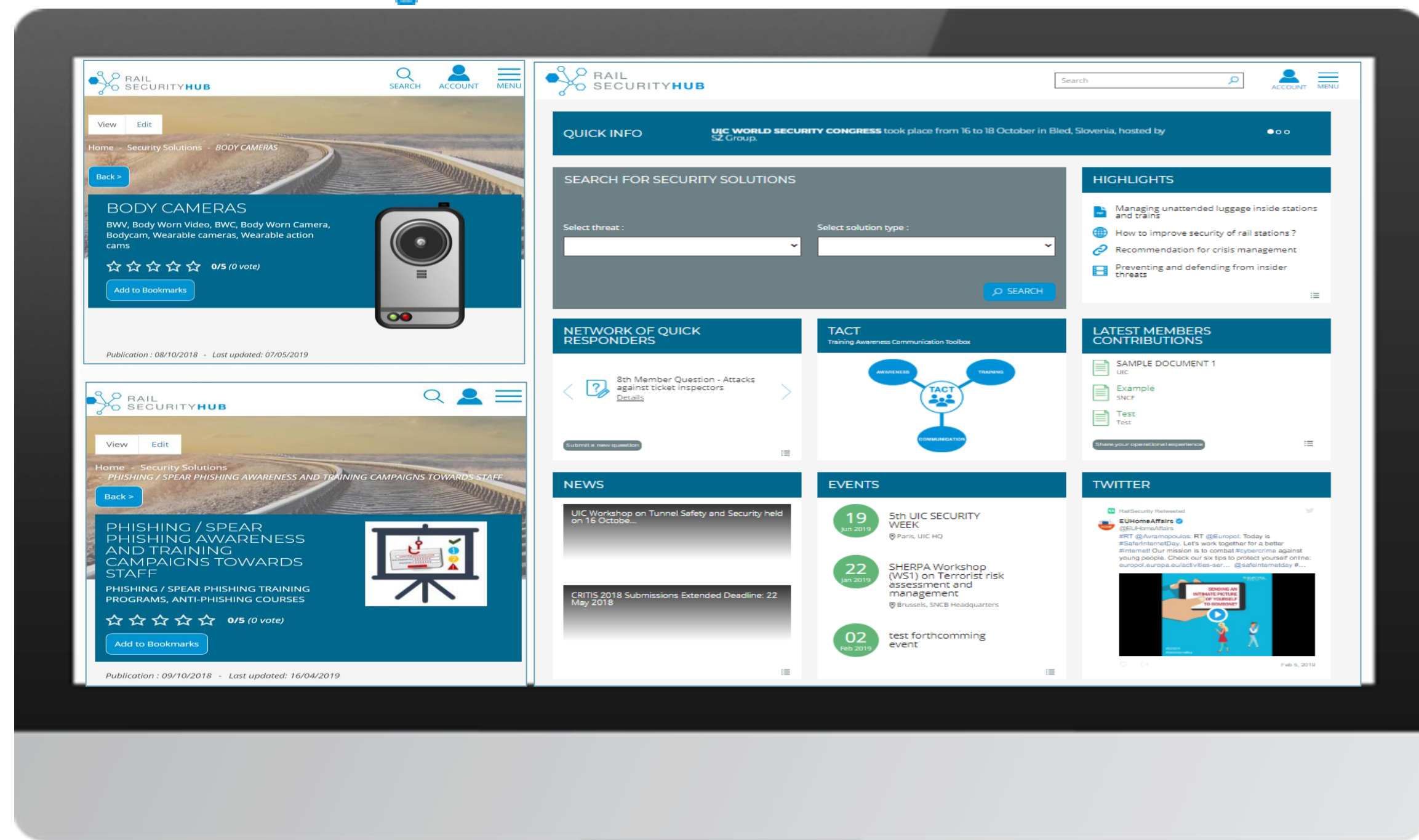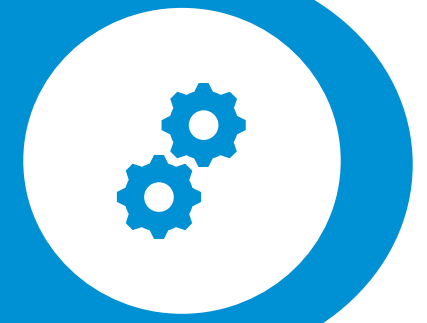**Exchange fast information about arising security questions**

Network of Quick Responders

UIC Security Member	UIC Security Division	UIC Security Members	Rail Security Hub
Sends a security question to security@uic.org	Prepares a survey	Send answers to the survey	An analysis of the survey is available at railsecurityhub.org

Latest topics include

- **Drones - *Ongoing survey***

- Security of Women in Railway Transport

- Access Management Systems for operational buildings

- Security Performance assessment

- CCTV

- Graffiti vandalism

45
TOPICS ADDRESSED
since 2017

Our tools – Rail Security Hub

LATEST CONTENTS ADDED

SECURITY SOLUTIONS

- People counting using WIFI and Bluetooth
- Detection Solutions based on AI
- Luggage securing cables in trains
- Illuminated Platform edge
- CCTV – Combined with LIDAR System
- Secure behaviour – Awareness and communication campaigns for staff

SECURITY HIGHLIGHTS

- Graffiti vandalism Highlight

100+
SOLUTIONS ADDED
since 2017

REGISTER FOR FREE AND GET ACCESS TO ALL THE CONTENTS AT: 🔍 **railsecurityhub.org** ✕

UIC Security Division involvement in EU projects

IMPRESS

Improving the protection of stations and trains by **developing security training and awareness programmes** for all stakeholders in rail stations and on trains.

LINK TO PROJECT WEBSITE

ODYSSEUS

Improving border crossing experience for travelers and Border Authorities' staff, while maintaining security.

LINK TO PROJECT WEBSITE

CYRUS

A novel training system to create an innovation DNA on cybersecurity for the transport and manufacturing organizations.

LINK TO PROJECT WEBSITE

PROACTIVE

Enhance preparedness against CBRNe incidents through a better harmonisation of procedures.

LINK TO PROJECT WEBSITE

These projects are funded or co-funded by European Union

UIC Security Platform - World Security congress

18th UIC World Security Congress

Jaipur, India

"Railway Security Strategy: Responses and Vision for Future"

16th UIC World Security Congress

Online

"Organisation of security during major events & emerging threats"

16th UIC World Security Congress
8-9 December 2021

17th UIC World Security Congress

Warsaw, Poland

"Innovative security solutions for rail"

15th UIC World Security Congress

Prague, Czech Republic

"Security and Safety of stations"

18th UIC World Security Congress

Railway Security Strategy: Responses and Vision for Future

Over **100** participants — from **23** countries — rated the congress at **4.6** out of 5.

20-23 February 2023

Jaipur, India

Poll results

Main threats against passenger rail - globally

1. Theft
2. Terrorism
3. Agression / trespassing
4. Crime against women

Full summary available on UIC Extranet
https://extranet.uic.org/system/files/files/18th_UIC_WSC_Poll_Summary.pdf

Thematic Sessions

Session 1 – Protecting critical assets and Freight

Protection of critical assets; Modern tools, and processes for freight security

Session 2 – Human Security Approach

Security of women and children; Managing crowds; Actions against Human trafficking and Narcotic Smuggling
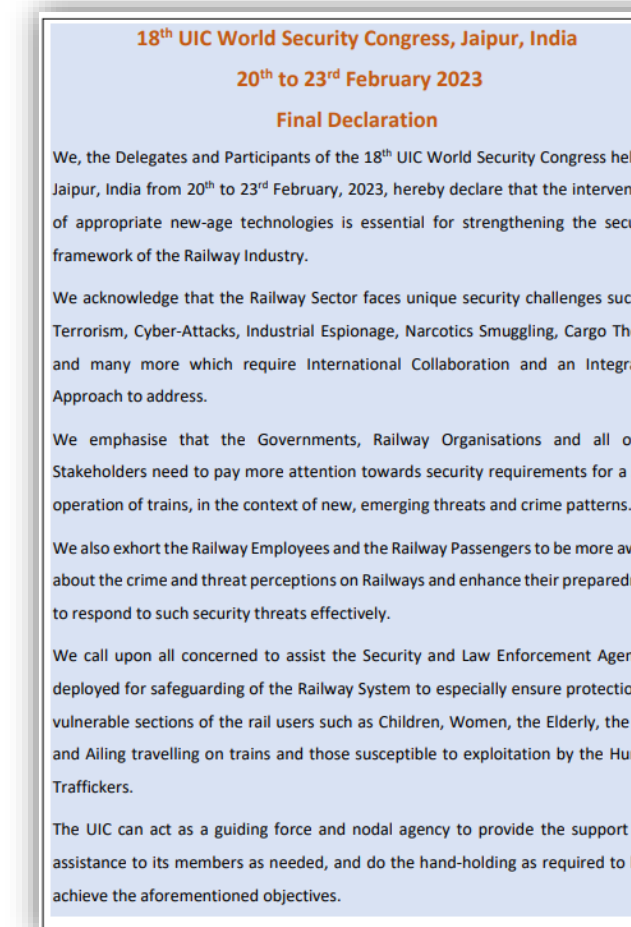
*Interventions by **UNODC** and **INTERPOL***

Session 3 – Best Railway security tools and practices across the world

Session 4 – Vision 2030

Prevention and mitigation of terror attacks; physical and cyber; Security of High-Speed rail; Future Challenges and Response

Final declaration

18th UIC World Security Congress, Jaipur, India
20th to 23rd February 2023
Final Declaration

We, the Delegates and Participants of the 18th UIC World Security Congress held at Jaipur, India from 20th to 23rd February, 2023, hereby declare that the intervention of appropriate new-age technologies is essential for strengthening the security framework of the Railway Industry.

We acknowledge that the Railway Sector faces unique security challenges such as Terrorism, Cyber-Attacks, Industrial Espionage, Narcotics Smuggling, Cargo Thefts, and many more which require International Collaboration and an Integrated Approach to address.

We emphasise that the Governments, Railway Organisations and all other Stakeholders need to pay more attention towards security requirements for a safe operation of trains, in the context of new, emerging threats and crime patterns.

We also exhort the Railway Employees and the Railway Passengers to be more aware about the crime and threat perceptions on Railways and enhance their preparedness to respond to such security threats effectively.

We call upon all concerned to assist the Security and Law Enforcement Agencies deployed for safeguarding of the Railway System to especially ensure protection of vulnerable sections of the rail users such as Children, Women, the Elderly, the Sick and Ailing travelling on trains and those susceptible to exploitation by the Human Traffickers.

The UIC can act as a guiding force and nodal agency to provide the support and assistance to its members as needed, and do the hand-holding as required to help achieve the aforementioned objectives.

→ **Develop activities for security challenges in regions outside Europe**

→ **Strengthen the protection of vulnerable rail users such as children, women, …**

→ **Combat human trafficking in trains and stations**

↓

Cooperation w/ INTERPOL

Stay in touch with UIC Security Team!

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