



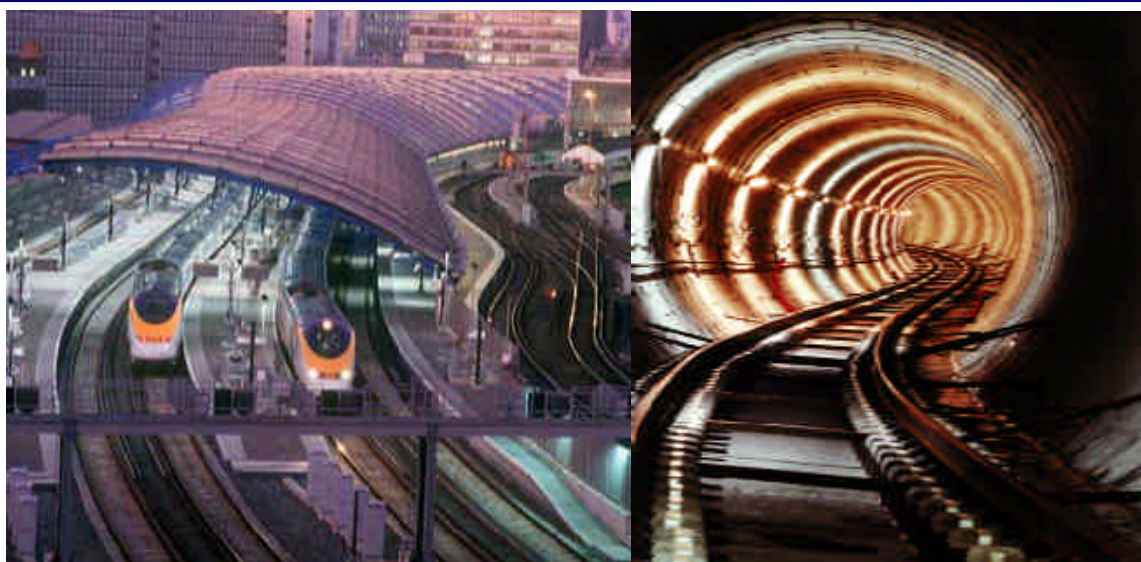
Preparatory Action for Security Research

PASR 2005

**TRIPS**

Grant Agreement No 111800

TRansport Infrastructures Protection System



The TRIPS project addresses security in mainline, subway or metro railways systems. Enhancing security to improve the protection of railway systems poses many challenges in the mission of protection of the EU citizens against terrorism.

The project will investigate possibilities offered by technology and improved processes to deliver innovative solutions that improve reactions and increase the effectiveness of security measures for the protection of passengers and infrastructure. The recent events in London and in Madrid show how vulnerable public transport systems are to terrorist attacks.

The TRIPS project embraces the problem, taking a wide approach, and even though the PASR is limited to a period of 18 months it will include tangible verification of technologies, focused on some critical aspects of railway systems.

The project include railway tracks, railway infrastructure surveillance, detection of explosives inside carriage and coach or other non conventional threats, as well as a communication and protection system architecture design.

Expected Results

- ✓ To understand the capability of present technology to reduce the risk of terrorist threat, through analysis, simulation and proof of concept test in selected scenarios.
- ✓ To identify gaps from requirements, defining the future efforts in research and development of technology, organisation and standard, taking advantage of End User contribution and relationships with other projects.
- ✓ Defining design criteria for future infrastructures in order to get a better early recognition of suspicious conditions.
- ✓ To show a demonstration of currently available technologies that may be used to improve the protection of railway systems.

Title : TRansport Infrastructures Protection System
Acronym: TRIPS
Grant Agreement N° 111800
Total Cost : 2496614 €
EU Contribution: 1722270 €
Starting Date : To be defined
Duration: 18 months
Coordinator:
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Partners ::

Name	Abbreviation	Country
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BAE SYSTEMS (Operations) Ltd	BAE	UK
Diehl BGT Defence	DBD	DE
ERICSSON MICROWAVE SYSTEMS AB	EMS	SE
IDS INGEGNERIA DEI SISTEMI S.p.A.	IDS	IT
PIAP	PIA	PL
Rheinmetall Landsysteme GmbH	RLS	DE
Sagem Défence Sécurité	SAG	FR
SciSys Limited	SCI	UK
SENER INGENIERÍA Y SISTEMAS, S.A.	SEN	ES
SMITHS DETECTION WATFORD LIMITED	SDW	UK
SNCF	SNC	FR
THALES SECURITY SYSTEMS SAS	TSS	FR
TNO	TNO	NL
UNION INTERNATIONALE DES CHEMINS DE FER	UIC	FR
VZLU	VZL	CZ
ZootFly, LCC	ZOT	SL