



Ethical, Privacy & Security Experts for IT2Rail

POSITION

UITP, the International Association of Public Transport, offers 5 positions of ethical, privacy & security external experts (November 2016 – 30th November 2017). The duties consist in supporting the Ethical, Privacy & Security Group of the IT2Rail project in all its development stages by providing scientific and technical expertise.

The IT2Rail -“Information Technologies for Shift2Rail” project is a first step towards one of the Shift2Rail Joint Undertaking’s Innovation Programmes, the long term IP4 -“IT Solutions for Attractive Railway Services” which aims at providing a new seamless travel experience, giving access to a complete multimodal travel offer which connects the first and last mile to long distance journeys. This is achieved through the introduction of a ground breaking “Technical Enabler” based on two concepts:

- The traveller is placed at the heart of innovative solutions, accessing all multimodal travel services (shopping, ticketing, and tracking) through its travel-companion.
- An open published framework is providing full interoperability whilst limiting impacts on existing systems, without prerequisites for centralized standardization.

The scope of the project covers different modes of surface transport: airplanes, rail, coaches and urban transport applied to passenger in urban, inter-urban and long distance settings in Europe, to contribute to the SETA, the Single European Transport Area. IT2Rail looks into a complete door-to-door intermodal travel encompassing distinct modes of transportation, connecting the first and last mile to long distance journeys. In addition, IT2Rail integrates diverse existing and future services for planning, one-stop-shop ticketing and booking transactions, and real-time re-accommodation. Therefore the project deals with a big amount of sensitive personal data that need to be properly treated and regulated.

For more information please visit the website of the project: www.it2rail.eu

RESPONSIBILITIES

The remit of the Ethical, Privacy and Security group is to fill in a knowledge gap that the consortium members cannot properly fulfil without external input. These experts will help ensure compliance of the project with the EU privacy and personal data protection legislation, ethical and societal acceptance, as well as security aspects, taking into account various situations across Europe. Therefore, this group will have an in-depth look at the use of data and at the impact of the new systems on passengers.

The 5 ethical, privacy & security external experts will participate to the Ethical, Privacy & Security Group where other IT2Rail members and guest participants (if appropriated) collaborates for the following:

- To review and advise on all relevant documents, to ensure:
 - o that the legislation is respected;
 - o that no ethical, privacy and societal concerns may arise during the solutions’ implementation – either during the project or during the roll-out of its results;
- to advise on the (possible) interaction with the National Data Protection Authority(ies) for the implementation of the project pilot;



- to help IT2Rail partners overcome specific difficulties, advising on the best solutions to be chosen;
- to advise on Cyber security aspects.

The experts' recommendations should concern not only the case of the project, but also the later implementation of these services into real-life environments by S2R. Particular attention will be given to the safe and secure management of personal data by the different operators/other relevant stakeholders (including the safety and security aspects of it) and to the impact of the new systems on passengers.

The Ethical, Privacy & Security experts will deal with ethical issues and the protection of individual rights. These experts will have to perform specific work at the request of the project through 5 meetings until the end of the project. The subject of the meetings will be defined according to the on-going project activities, and should be in line with the effort to increase the consensus and applicability of the project solutions. In the case of very specific project information needs, it might be necessary to organise conference calls or extra meetings. The organisation of all meetings will be done in accordance with the available budget.

REQUIRED QUALIFICATIONS

- Experience gained in the private & security (IT) sector domain applied to passenger travel at European and international scale;
- Information Technology (IT) background;
- Knowledge of Web Technologies and semantic Web;
- Experience in Cyber Security aspects;
- Well-developed knowledge of papers review and sessions organizations, with an understanding of the technical and administrative affecting;
- Experience of working with decentralized teams and across cultures;
- Excellent written and oral English;
- Excellent communication and presentation skills;
- Well-developed analytical and problem-solving skills, with an ability to devise creative solutions to complex problems;
- Ability to maintain positive, collaborative, productive relationships with staff at all levels;
- Knowledge of UML is an asset;
- Knowledge of consumer's rights in the transport sector is an asset;
- Knowledge of the public transport sector is an asset;
- Willingness to travel.

SALARY

- 700€/meeting/expert - The travel costs (e.g. travel, hotel, etc.) are reimbursed with a limit of €700/meeting/expert. The reimbursements will be paid on the basis of a reimbursement form and the original receipts;
- 450€/expert/day worked - The payment for their work days (review of deliverables, advice towards legislation & implementation, etc.) will be done according to their contract, based on a submitted invoice with the proof of work and with a limit of 900€/meeting/expert on the basis of 2 days of work per meeting, with a total of 10 days of work.