SOLUTIONS IN ACCORDANCE WITH THE »CITIZEN FIRST« PRINCIPLE

The Innovation Center for Public Safety and Security, located at the Fraunhofer FOKUS, plays a key role in Germany with regard to networking public administration with industry and research: As a neutral platform, it paves the way for solutions which entail tangible benefits for the citizens – in accordance with the principle: »citizen first«.

NEUTRAL PLATFORM FOR COMPREHENSIVE SOLUTIONS

Public safety and security ensures the protection of all state functions and structures. Thus, it must be backed by all parts of society. The Innovation Center for Public Safety and Security assists the exchange across authorities and department boundaries: In interdisciplinary teams, staff of the public sector work with scientists on identifying in a cross-domain manner challenges in the field of public safety, on evaluating already existing and new approaches and on rapidly initiating solutions that can be implemented.

COLLABORATIVE SAFETY FOR CITIZENS

An adequate handling of future threat situations in Germany with the classical means of hazard prevention will not be possible. In many fields, public and private hazard prevention is organized in a largely isolated manner. It would be overchallenged in no time in case large-scale threat situations occur.

Hazards such as pandemics, area-wide or prolonged power outages, terrorist attacks or extreme weather conditions and their cascading effects hit the high-tech societies of the 21st century in their core. A change in thinking towards networked safety is required in order to suitably address these hazards in terms of technology and organization.

SERVICES AND ACTION FIELDS

The Innovation Center for Public Safety and Security offers broad support – ranging from matchmaking via the evaluation of technological and market aspects, acceptance and financial feasibility up to accompanying piloting and the implementation of new technologies while involving the citizens.

Politicians and authorities are given the opportunity to evaluate technology and solutions already prior to bidding and to thus ensure the best and most cost-effective solution.

The business sector and industry will be assisted in translating business models and product ideas into effective solutions for the protection of public safety both in the context of the private sector and public law.

Research partners benefit from interdisciplinary research as well as from the know-how and assistance in transferring innovations into practical implementation.

The citizens will be involved from the start in the planning, development and implementation of safety solutions as well as in the process of evaluating their practical applicability.

The »citizen first« principle: Only a noticeable benefit in people’s everyday life will help to build trust in new technologies.
Innovation Center for Public Safety and Security: Exchange across authorities and department boundaries for the safety of the citizens.
The Innovation Center for Public Safety and Security is located at the Fraunhofer Institute for Open Communication Systems (Fraunhofer FOKUS) in Berlin and is headed by Prof. Dr.-Ing. Jochen H. Schiller. He represents the Innovation Center for Public Safety and Security to the outside, i.e. to the general public, to politicians, the business sector and administration as well as to essential users.

The Innovation Center for Public Safety and Security is assisted by a steering committee consisting of representatives from politics and research, who accompany the work and, in their capacity as interface to the outside world, are in permanent dialogue with representatives from the fields of politics, public administration and industry.

The steering committee is complemented by experts for the subject areas of crisis management and police whose expertise and branch knowledge of long standing will be incorporated into the work of the Innovation Center for Public Safety and Security.

The staff at the Innovation Center for Public Safety and Security consists of researchers of the Fraunhofer Institute and assigned personnel from federal and state-level public administration who work and conduct research at the institute across authorities and department boundaries for a limited period of time.

**COMPETENCIES**

**German Safety Technologies in the European Context**
- Knowledge of national and international research and technology landscapes
- Embedding of the German safety philosophy in European processes
- Positioning of the internal brand »Safety Made in Germany«

**Worldwide Platform for Safety Technologies**
- Studies and analyses across expert authorities
- Risk assessment and technology recommendations for security authorities
- Active involvement in networks
- Organization of network events

**Innovations for the Benefit of the Citizens**
- Neutral and independent research partner
- Networking of existing and development of new security technologies which entail tangible benefits for the citizens
- Joint demonstration and research in the safety lab for collaborative safety solutions
THE INNOVATION CENTER FOR PUBLIC SAFETY AND SECURITY LED BY PROF. DR.-ING. JOCHEN H. SCHILLER WAS FOUNDED IN 2012.

NETWORK

The Innovation Center for Public Safety and Security is integrated into a close network of political opinion formers, research institutes and business enterprises. Especially the cooperation with the Research Forum on Public Safety and Security (Forschungsforum Öffentliche Sicherheit) ensures an efficient coordination of subject-related research projects.

The Research Forum on Public Safety and Security was established in October 2009 at the Freie Universität Berlin with the aim of merging security-related research projects from different disciplines in order to identify future trends and relevant subjects for research. Its main objective in this regard is to generate and provide recommendations to policymakers, industries and organizations to help them plan, implement and assess safety and security procedures. With its steering committee, the Research Forum is linked to all parties of the German federal government and to private and public decision-making authorities. Further, the scientific advisory council within the Research Forum advises the project from an interdisciplinary perspective since it consists of scientists from all academic fields ranging from natural and social sciences up to humanities. By bringing all important stakeholders in risk and crisis management together and coordinating common research projects, the Research Forum serves as a central point for safety and security research.

FRAUNHOFER FOKUS

The Innovation Center for Public Safety and Security is located at the Fraunhofer Institute for Open Communication Systems (Fraunhofer FOKUS), based in Berlin, Germany. Its close connection to Fraunhofer FOKUS involves the demand to translate new developments and research results into practice for the benefit of society. As an independent research body developing solutions for information and telecommunication systems of tomorrow, the Institute addresses new social challenges as well as challenges of smart cities. Therefore, the Institute’s research concentrates on exploring how communication networks will contribute to a more convenient and secure living. With a staff of approximately 500, Fraunhofer FOKUS is an important actor in the field of information and communication technology both on the national and international level.

The Competence Center ESPRI (Electronic Safety and Security Systems for the Public and Industries) is responsible for the field of public safety. Research and development activities focus on concepts and solutions for improved hazard prevention and emergency response as well as for networking existing safety solutions. In the Competence Center’s safety lab, networked technologies and solutions are tested for their practical application.
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