



DITS.center e.V.

DITS

Research and Information on Civil Security

DITS is engaged without commercial interests in creating networks and synergies with researchers, users and industry. Collaborative projects pursue the goal of creating innovative products and processes that serve civil security. Besides technical aspects, we are committed to ethical aspects in society.



DITS pursues the non-commercial goal of promoting applied research in projects for the application in the field of civil and public security, especially in crime prevention. The non-profit association supports national and international cooperation, technology transfer, information exchange and constructive dialogue between different institutions and organizations. DITS also conducts its own research projects and works on questions in studies. DITS works creatively to promote and carry out applied research in the field of signal acquisition, analysis and information processing. Recognized methodological standards are applied to research fundamental questions in their causes and contexts and to transfer them into application:

- Initiatives for innovative project proposals
- Setting up and moderating interdisciplinary project teams
- Implementation of accompanying research
- Publication of results for the benefit of the general public
- Organization of relevant workshops and conferences.

DITS follows all principles of ethical standards and human rights as a whole. Export control regulations and the national laws of the countries involved determine the scope of action. Membership fees, donations and grants from support programs are used to finance the comprehensive activities.

Digitization

Digital signals, data and information control our lives - today more than ever. Digital solutions generate progress, new opportunities and create a changed lifestyle environment for people, society, organizations and business. But the digital world is also associated with threats and new forms of fraud and crime. This broad field of activity is a challenge, but also offers many ideas, technologies and the opportunity to create new products and markets.

DITS provides support in many ways.

Innovation

An innovation is the result of the development and transfer of an idea or invention into a product, service or process. An innovation must be replicable at economic cost and cover a specific need. The innovation creates value or the customer is willing to pay for it.

DITS is exclusively involved in projects to create such solutions that are not yet available as products on the market.

Technology

Researchers and scientists are working on the processing of signals, information and processes to publish reliable findings. The relevant disciplines are directly or indirectly concerned with the generation, transmission, perception and analysis of data. Engineers and computer scientists concentrate mainly on the technical aspects of signal processing, analysis, classification and recognition. Many applications and products that have significantly changed our lives are a result of these activities.

DITS takes care of competent teams and the transfer of research results into practice.

Security

The areas of internal and public security cover a wide range of relevant topics. Human rights, national constitutions and laws define the specific tasks and responsibilities of public sector organizations and institutions. The total market volume in 2014 was approximately 238 billion US dollars. The volume is divided into approx. 28.4% for anti-terrorism measures, 19.5% for IT and cyber security, 12% for critical infrastructure, 8.8% for border security, 8.6% for aviation security, 7.0% for maritime tasks and 3.5% for public transport (Vision Gain: Homeland Security Market Forecast 2014-2024). In global markets, industries and organizations must increasingly act on their own initiative and responsibility. The security market is a growing market. Innovation is the door opener for start-ups and committed entrepreneurs. Small and medium-sized enterprises (SMEs) are accepted and welcome as suppliers in the market.

DITS takes care of the industrial transformation of ideas into innovations.