



Fraunhofer Institute for Open
Communication Systems FOKUS

We connect everything

Secure, sustainable, reliable

Efficient and sustainable transfer of scientific knowledge

Fraunhofer FOKUS supports commercial enterprises and public administration in shaping the digital transformation.



Prof. Dr. Manfred Hauswirth, Executive Director

Fraunhofer FOKUS is an internationally renowned research institute in the area of information and communication technology. Emphasis is on applied research to facilitate digital transformation. Since 1988, Fraunhofer FOKUS supports commercial enterprises and public administration in shaping the digital transformation through research services ranging from requirements analysis to consulting, feasibility studies, technology development right up to prototypes and pilots. With its business segments Digital Public Services, Future Applications and Media, Quality Engineering, Smart Mobility, Software-based Networks and Collaborative Safety and Security, Fraunhofer FOKUS covers the main areas that are necessary for the development of ICT-based infrastructures in networked environments.

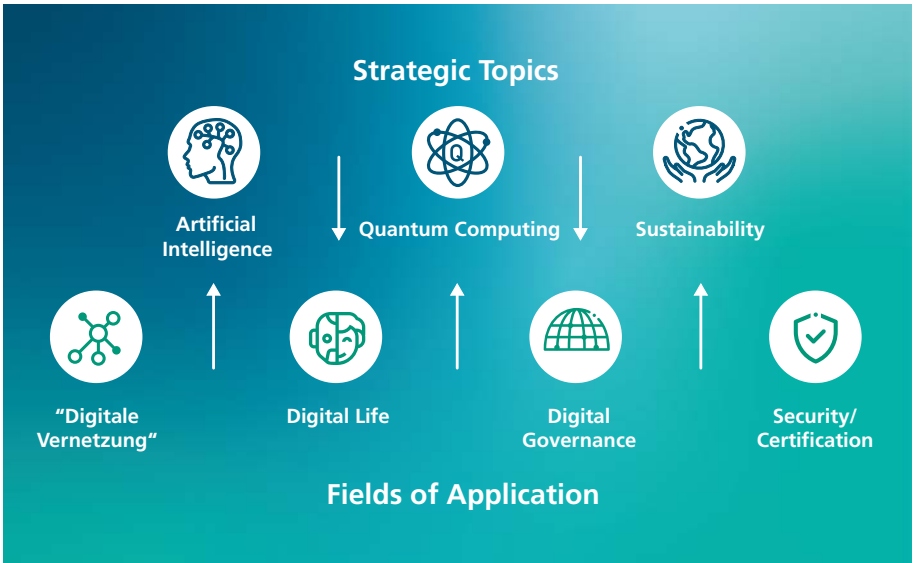


Dr. Tom Ritter, Deputy Director

Neutral partner

For enterprises and public administration, Fraunhofer FOKUS is an important neutral partner that is active in major international standardization bodies and implements interoperable, domain specific but also cross domain solutions. The foundation for this are state-of-the-art labs and simulation environments in which complex technological and organizational applications based on the latest technologies can be implemented, tested and certified. Trend-setting development and test procedures are applied, which have also been developed in-house.





With about 490 employees in Berlin and an annual budget of 36.1 million euros, Fraunhofer FOKUS is internationally renowned and one of the largest ICT institutes of the Fraunhofer Society. Around 80 percent of its budget is generated through projects from industry and the public sector.

Applied research

For many years now FOKUS has been established internationally as a renowned institution in applied research for digital transformation. The institute is part of a worldwide competence network of excellent research partners and innovative enterprises with access to all scientific and economic areas. With its clear orientation on applied research and its focus on key

technologies of the future like 6G and Artificial Intelligence, Fraunhofer FOKUS plays a central role in the digital transformation of enterprises and public entities. With its research and development activities, Fraunhofer FOKUS significantly contributes to the international competitiveness of Berlin, Germany and Europe.

Versatile network

In the area of science, Fraunhofer FOKUS is regarded as a renowned cooperation partner in research programs of the European Commission as well as national funding bodies.



Range of services

- the development of communication and information technologies, components, platforms and services for the digital transformation (specifically for applications domains and also cross-domain)
- the integration, networking and analysis of systems and organizations
- the quality assurance and certification of networked systems and organizational processes
- the practical demonstration, piloting and evaluation of the latest technologies
- the customization of proprietary interfaces and systems to industrial, national and international standards
- methods and tool development for secure and efficient development for software-based systems

The national funding bodies include the Federal Ministry of Education and Research (BMBWF), the Federal Ministry for Economic Affairs and Climate Action (BMWK), the Federal Ministry of the Interior and Community (BMI) and the Federal Ministry for Digital and Transport (BMDV). FOKUS researchers work together closely with German universities in particular the Technische Universität Berlin, the Free University of Berlin, the Humboldt University of Berlin and various leading universities. The deep embedding into the academic research context is seen by the large number of chairs and associated faculties.

Contact

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