





BERLIN.mobile Pavilion

MWC Barcelona 2025

THE GERMAN CAPITAL REGION

excellence in ict • media • creative industries

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Cluster ICT | Media | Creative Industries in Berlin-Brandenburg

The ICT, media and creative industries cluster moves within the guidelines of the Berlin and Brandenburg innovation strategy 2025 and is part of the endeavour to strengthen our States. In this way Berlin works shoulder to shoulder with Brandenburg. The cluster includes over 50,000 companies from business and science and we span 12 industrial sectors from ICT, games, film, fashion and music to publishing houses and advertising agencies. A focus on technology and creativity are key features of our cluster and our States. Here the cluster works in a complementary manner

and in close coordination with the Berlin Senate Department for Economics, Energy and Enterprises and the Ministry for Economics, Labour and Energy of the State of Brandenburg. Last year alone, a total of 98 projects with a total volume of 68.9 million Euro, 42 of which were new projects, were initiated and carried out.

THE GERMAN CAPITAL REGION









Cluster ICT|Media|Creative

Berlin Partner for Business and Technology, Brandenburg Economic Developmen Agency WFBB https://digital-bb.de

3SS

3SS is a global leader in digital entertainment technology, trusted by telcos, pay-TV operators, and streamers since 2009. Our award-winning 3Ready product platform powers 30+ service providers, reaching 70M+ users with seamless, engaging experiences. Customers include Vodafone, Liberty Global, Swisscom, TELUS, and more. Beyond the living room, 3SS delivers next-gen in-vehicle entertainment, redefining connected car experiences with 3Ready Automotive, helping global OEMs shape the future of mobility.





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airpuls GmbH

airpuls offers open 5G solutions for 5G enterprise networks: from planning and configuration to tailor-made 5G network equipment. We develop O-RAN-compatible 5G RAN software that is highly customizable to the specific use cases of customers. Our unique approach based on open-source software libraries, gives customers full access to all parts of the 5G software stack. This makes our open solutions ideally suited for research, 5G/6G product development and testing, as well as employee training. We support our customers from requirement analysis to network design using our airpuls planning tools, which incorporate the latest insights in wireless network modeling.





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AVOW

AVOW is an award-winning, global app growth company specializing in mobile OEM advertising. Founded with the vision to revolutionize mobile OEM advertising, AVOW has rapidly emerged as an industry leader with more than 100 advertisers on their roster Through its partnerships with mobile OEMs. its proprietary tech AVOW Intelligence, and the joint formation of KYLN, a premium multi-channel distribution platform for game app developers, the company providess access to over 1.5 billion daily active users, and offers clients over 10-million monthly downloads

Top clients: Tripledot Studios, Wooga, Dream Games, Exness, Kredivo, Domino's, TapNation, Zephyr Mobile, Milanuncios, Magazine Luiza.

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Berlin Partner for Business and Technology

Business and technology support for companies investors and scientific institutions in Berlin – this is the Berlin Partner für Wirtschaft und Technologie GmbH mission. With customized services and an excellent science and research network, our many experts provide an outstanding range of programs to help companies launch, innovate, expand and secure their economic future in Berlin.

A unique public-private partnership, Berlin Partner for Business and Technology collaborates with the Berlin State Senate and more than 250 companies dedicated to promoting their city. Berlin Partner is also responsible for marketing the German capital to the world.



BERLIN



for Business and Technology



Berlin Partner für Wirtschaft und Technologie GmbH Ingo Voges

CampusGenius

CampusGenius is empowering businesses and industries to implement private 5G network solutions, transforming their operational capabilities through our revolutionary 5G core, the GeniusCore.

Our solution redefines connectivity by enabling flexible, efficient private network development. The GeniusCore delivers secure, affordable, and individually tailored network solutions that drive industrial automation and digital transformation.

We're committed to helping businesses harness cutting-edge connectivity technologies precisely matched to their unique operational needs.





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FANTC AG

EANTC (European Advanced Networking Test Center) is a leading independent test labs for telecommunication technologies. Based in Berlin, Germany, the company offers vendor-neutral, realistic, and high-quality testing and consultancy services for vendors, service providers, and enterprises.

EANTC's performance and scalability, interoperability, proof of concept, acceptance tests, and network audits cover established and next-generation fixed and mobile network technologies.

Our technical expertise focuses on network technologies like 5G, Open RAN, SD-WAN, and security testing.

We organize a unique style of interoperability and performance test events covering advanced technologies such as SDN transport and Open RAN.





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Carsten Rossenhövel Tel. +49 177 250 5721 info@eantc.de www.eantc.de Serverside.ai powered by Equativ, a leading independent ad platform, brings scale and simplicity to digital advertising. Advertisers, media owners, and technology partners rely on Equativ's advanced Dynamic Ad Insertion, Ad Serving and SSP capabilities to achieve maximum business outcomes. With a focus on privacy-first programmatic video, CTV, and data-driven solutions, Equativ enables clients to activate across the digital ecosystem while protecting consumer privacy. The company's global expertise is also backed by a team of over 750 employees across 19 countries.





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Fraunhofer FOKUS

R&D and Prototyping Beyond-5G and 6G-Ready Networks

Fraunhofer FOKUS develops efficient, scalable, and application-optimized communication technologies and architectures for the digital world. We provide the necessary expertise, the communications infrastructure in form of modular software tools and flexible technology testbeds and enable the realization of portable demonstrators and realistic reviews of the latest concepts and technologies.

We are offering the worldwide first 6G core network implementation, the Open6GCore toolkit: a new software-oriented approach to cloud-native, ultra-flexible and ultra-scalable core network services as well as

the Open5GCore software toolkit enabling deployment of customized campus networks, nomadic networks and testbeds, real-time communication and integration with satellite and 3D systems. In addition, we provide OpenLANES, a large scale network emulator to validate new technologies in very complex environments.

www.fokus.fraunhofer.de/en/fokus_testbeds/

XG_testbeds www.open5gcore.org www.open6gcore.org www.openlanes.net







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Dr.-Ing. Marius-Iulian Corici Tel. +49 30 3463-7271 info@open5gcore.net www.fokus.fraunhofer.de Fraunhofer HHI is one of the world's leading institutions in the development of mobile and optical communication networks and systems. At the Mobile World Congress 2025, we will showcase leading innovations for the digital society:

THz Wireless Communication uses high-frequency RF carriers (> 100 GHz) to achieve ultra-fast wireless data rates via directed point-to-point links. The presentation highlights 300 GHz prototypes transmitting live data over a 500-meter outdoor link.

LiFi over power lines brings cost-effective lighting communication into the home. The presentation shows how LiFi signals are transmitted over the power line to luminaires with LiFi access points, enabling seamless connectivity.





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GlobalDots DF GmbH

GlobalDots is a 20-year global leader in cloud innovation, connecting over 1,000 global businesses with the latest cloud and web technologies, such as Security, DevOps & Cloud Management, and Web Performance. Led by a team of seasoned engineers and architects, GlobalDots offers easy end-toend innovation adoption, from consulting to ongoing professional services, proactively introducing newer and better solutions to support businesses in maintaining a scalable, up-to-date technology posture in a quickly-changing world. With our implementation expertise and high-end professional services, we empower clients to streamline business processes and scale globally at ease.





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Green Streams provides a highly modular IPTV & OTT platform for network operators in a Software-As-A-Service (SaaS) model. The mission of Green Streams is to help network operators launch and operate truly outstanding TV & Entertainment products.

With this goal in mind, Green Streams built a TV backend, middleware platform and frontend application suite specifically for the use cases of operators and for the integration with modules/components already in place on the side of the operator. This approach allows Green Streams to help its customers reach highly ambitious business goals.





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highstreet technologies GmbH

Highstreet technologies provides services and products in telecommunications network infrastructure integration and optimisation.

As a small company we address niche markets with a high degree of demanded expertise and flexibility. Our agile software development capabilities have shown extreme value to many MNOs and OEMs.

Particularly in the new scenarios of NFV and SDS, highstreet technologies have shown an unparalleled and very competitive approach to solve unexplored areas of integration and customisation.

Based on a highly talented pool of senior experts in the telecommunications industry, highstreet technologies is able to cover a wide range of tele-communications network technologies including copper and fibre based access networks, optical transport networks, and radio access networks.





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m4 wireless is a deeptech start-up with the vision to leverage METAMATERIAL TECHNOLOGY with its groundbreaking new capabilities for advanced, eco-friendly wireless communication systems.

At MWC2025 we demonstrate how dipole and monopole antennas like PIFAs can be drastically reduced in size (factor of 5!) by means of an engineered, scalable, simple-to-manufacture metamaterial structure. We are seeking partners to utilize this technology to MINIATURIZE ANTENNAS for small drones, robots, IoT-devices and for automotive antennas.

Moreover, we show a wide-band HIGH-EFFICIENCY all-dielectric METASURFACE (static RIS) for mmWave and FR3 that can be TAILORED to the application scenario to extend the coverage range and to cover shadowed areas. With our 3D-printing technology it takes only 8 hours from specification to delivery of the customized RIS. We are interested in cooperations with campus network providers to demonstrate our just-in-time concept.

Metamaterials will shape the future of RF technology. Join us & be among the first to bring your RF components to the next level.





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Massive Reams GmbH

Massive Beams was founded with the goal to develop the leading development platform for O-RAN Radio Units. With 6G on the horizon, the importance of O-RAN is growing. All O-RU solutions available today are opaque and difficult to configure. As we look to future 6G technologies, integrating them into O-RAN will be even more challenging. Massive Beams is filling this gap by providing the first Modular O-RAN Radio Unit Platform, MODRAD, designed to help O-RAN vendors focus on their core competencies by simplifying the integration of 6G technologies into O-RAN – leading the way to the 6G future.





Massive Beams Gmbl-Bismarckstr. 10-12

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MOXZ GmbH

MOXZ is a Berlin based startup revolutionizing wireless communication with its flexible and responsive technology for high-speed applications like trains, cars, and drones. It delivers maximum bandwidth, minimal error rates, and performs reliably even in tunnels and metal-rich industrial settings.

Its unique simultaneous communication and sensing (ICAS) enables precise localization, velocity estimation, and data transmission within a single system.

Our patented technology, developed in collaboration with Caltech, TU Berlin, and UC Irvine, is ready for deployment. We seek partners to bring MOXZ into real-world applications. Let's shape the future of wireless systems together!





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Neat Path Networks GmbH

Neat Path Networks GmbH provides software solutions for public and private mobile networks. Its first product, the Scalable Voice Core, provides VoLTE and VoNR to MVNOs, IoT providers and Tier 2-3 operators as well as to private networks which need to add telephony services and beyond (SMS, 112, LI).

Neat Path builds scalable and secure software developed using the most advanced paradigms compliant to latest standards and with the right set of features to keep efficiency and reduce operations complexity.

NeatPathNetworks



Neat Path Networks Gmb Am Biberbau 7

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TECTWIN

At TECTWIN, we look to change the way connectivity and telecom interact with our everyday lives with the use of Digital Twin based Al/ML solutions. We bring a unique perspective on trends, challenges, and untapped potential from network data. Our key differentiator is our highly accurate 3D Digital Twin network simulations to empower CSPs, Governments, and Enterprises in exploring how to either improve their already existing network or how their new network will perform.

Data collection and analysis are critical components of any business success, so we incorporate state of the art analytics to drive innovation in automation and unlock new opportunities for network deployment and densification







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Technische Universität Berlin, Chair of Communications and Information Theory (CommIT)

The Single Carrier (SC) waveform developed by TU Berlin CommIT for Open RAN (O-RAN) 6G wireless networks is more energy efficient and results in lower error rates compared to the widely used Orthogonal Frequency Division Multiplexing (OFDM) modulation. The SC waveform is modulated with a DFT precoder at the O-DU and an IDFT at the O-RU, where O-DU and O-RU are connected by an O-RAN compliant fronthaul. We demonstrate the transmission of SC and OFDM signals, where the received data is processed and compared to the transmitted data. In this way, the advantages of SC over OFDM in terms of energy efficiency and error probability are shown.





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Technische Universität Berlin **Chair of High Frequency Systems**

The Department of High Frequency Systems at TU Berlin conducts research in the field of microwave and millimeter wave components for 5th and 6th generation mobile radio systems. At MWC 2025, novel, reconfigurable intelligent surfaces (RIS) based on liquid crystal technology (LC) for the millimeter wave range (FR2) as well as various antenna concepts for measurement tasks, sensing and for cellular infrastructure will be presented. These include ultra-broadband omnidirectional antennas with high efficiency from 2 - 50 GHz, horn antennas with very low sidelobes up to 300 GHz and novel dielectric leaky wave antennas for the millimeter wave range.





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The joint presentation of Germany's Capital Region is hosted by the local economic authorities of the states of Berlin and Brandenburg:



Senate Department for Economics, Energy and Public Enterprises

managed by:

Berlin Partner for Business and Technology

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"BERLIN.mobile Pavilion" at MWC Barcelona 2025

edited by: Berlin Partner für Wirtschaft und Technologie GmbH

