

SAXONY!

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Germany

الشركات الساكسونية COMPANIES FROM SAXONY



الصحة العربية

من 29 يناير إلى 1 فبراير 2024

دبي الدول مركز الاتفاقيات و الإعانات

Arab Health

January 29 – February 01, 2024

Dubai International
Convention & Exhibition Centre

Life Sciences in Saxony

Saxony is one of the most dynamic life sciences regions in Germany with more than 300 commercial enterprises and 30 research institutions with 15,500 employees from 40 countries. With 230 players (10,500 employees), the field of medical technology is structurally decisive for the sector in Saxony.

An excellent R&D landscape with an interdisciplinary focus is the driving force behind the dynamic development in Saxony's life science branch. Today, Saxony is also considered to be a center of excellence for cell and gene therapies as well as regenerative medicine. And Saxony's cancer research has gained international renown and repute, too – when it comes to both early diagnosis and innovative treatments.

Thanks to the traditionally strong technology expertise in Saxony which is also available in the sectors micro and nano electronics, sensor technology, 5G mobile communication as well as 3D printing technology, Saxony's life sciences branch develops growing competences for applications in the smart medical sector. Whether it be in the fields of telemedicine, point-of-care diagnostics, computer-assisted surgery, or health care robots – interdisciplinary knowledge is an important success factor for the entire branch.

علوم الحياة في ساكسونيا

مع حوالي 300 من الشخصيات الفاعلة و15500 من العاملين تعد ساكسونيا واحدة من أكثر مناطق علوم الحياة ديناميكية في ألمانيا. مع 230 من الشخصيات الفاعلة (10500 موظف) يعد مجال التكنولوجيا الطبية / المنتجات الطبية في هذا هيكل محدد للقطاع في ساكسونيا.

إن مشهد البحث والتطوير الممتاز ذو التوجه متعدد التخصصات هو القوة الدافعة وراء التطور الديناميكي لمجال علوم الحياة في ساكسونيا. اليوم تعتبر ساكسونيا أيضاً مركز خدمات وطنياً متميزاً في مجالات «العلاج بالخلايا والجينات» وكذلك «الطب التجديدي». أيضاً تتمتع أبحاث السرطان في ساكسونيا بسمعة دولية - سواء من حيث التشخيص المبكر أو العلاج المبتكر.

نظراً للكفاءة القوية تقليدياً أيضاً في مجالات الإلكترونيات الدقيقة والنانو وتكنولوجيا الاستشعار واتصالات الأجهزة المحمولة من الجيل الخامس 5G وعمليات الطباعة ثلاثية الأبعاد تعمل صناعة علوم الحياة في ساكسونيا على تطوير خبرة متنامية في التطبيقات الطبية الذكية. سواء كان ذلك في مجال التطبيق عن بعد أو التشخيص في نقاط الرعاية أو الجراحة بمساعدة الكمبيوتر وحتى التمريض عن طريق الروبوت - فإن الخبرة السكسونية متعددة التخصصات تعد عنصراً مهماً للنجاح.

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3D MicroPrint GmbH manufactures high-precision micro metal components by using Micro Laser Sinter technology. We offer a full service from engineering, product design, prototype development to series production of your unique application.

Our Micro Laser Sintering process aims to produce high-resolution micro components in the micrometer range. With our "Print-as-One" process, we can profitably produce complex geometries with minimal wall thickness of less than 50 µm in a single operation for movable mechanisms, without the need of assembling from individual parts.

In this type of additive manufacturing, the part is successively built-up layer by layer out of metal powder, with a micro laser beam fusing the individual powder particles into the desired shape. By merging the individual layers with the laser, three-dimensional geometries can be created.

3D MicroPrint technology allows the manufacturing of fine channels, undercuts and inner structures in highest quality. The combination of exceptional surface quality after printing, mechanical properties and the ability to print maximum part complexity, offer excellent options for the medical sector.

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The privately and publicly funded 6G Health Institute is participating in several national and international research projects such as PAROMA-MED.

We conduct research in the field of communication electronics with a focus on medical technology and data security. We are looking for new strategies for data distribution and dissemination using FHIR and blockchain technology. This is intended to reduce the cost burden for healthcare providers and improve the interoperability of medical devices. Using 5G and future 6G technology, these will be integrated in an IoT context.

Furthermore, we are working on the development of implementable applications for the healthcare sector that utilize the latest and upcoming generations of mobile network technologies. We also serve as a consultant for hospital operators and large industries worldwide, to advise them on digitalization and innovation issues.

To achieve our goals, we collaborate closely with partners from the academic science environment, build bridges to the private economy as well as hospitals, clinics, and other healthcare providers. The necessary interdisciplinary knowledge is optimally covered by our international and motivated team.

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Allmed Group provides the latest top quality standards in dialysis products. We have particularly excelled in the production of dialyzers, with our new and enhanced Poly-sulphone Micro-Undulated membrane, which has proved to offer an exceptional performance in both efficiency and biocompatibility aspects. We have innovated technologies for the provision of all other dialysis consumables, including Blood Lines, Hemofilters, Cartridges, Fistula Needles with an established outstanding performance.

anmed GmbH

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For more than 20 years, anmed GmbH has started manufacturing and selling medication dispensers all over the world. We are the market leader in many countries and equip numerous wholesalers and pharmacies with our products.

All products are class 1 medical devices (according to the MDR) and are subject to the highest quality requirements. The products are exclusively produced in Germany.

A new milestone in our development will be the **ANABOX®** smart and **ANABOX®** Code7. Both product innovations are offered in connection with an APP and can thus plan, check and improve the intake of the medication.

Are you looking for a customizable solution, with your logo or slogan? **anmed GmbH** is the right partner, we offer numerous options for colour design and printing on the medication dispenser.

Contact us and we will prepare an individual offer for you.

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esumedics®

Years of Expertise in the Field of Neurophysiology

esumedics® stands for “**e**uropean **s**ustainable **m**edical **s**olutions.“ Our focus is the development and distribution of long-lasting medical product solutions made in Germany. esumedics EEG and EMG devices combine intuitive, powerful software with robust, reliable hardware for meaningful examination results and more security in everyday workflows.

Even Albert Einstein knew, “Information is not knowledge. The only source of knowledge is experience.” The success of esumedics is based on the wealth of experience and competence of our employees. For years, our team of experts has been actively involved in the development of German quality products in neurophysiology, distributing and providing guidance on suitable consumables and supporting educational opportunities worldwide. Sustainable customer relationships, high quality standards and flexibility for the user are the focus of our work.

Fraunhofer Institute for Cell
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 **Fraunhofer**
IZI

The IZI investigates and develops solutions to specific problems at the interfaces of medicine, life sciences and engineering. One of the institute’s main tasks is to conduct contract research for companies and research institutes. With more than 500 scientists, the IZI focuses on infectious diseases, cell & gene therapy, diagnostics, drugs and vaccines.

With innovative diagnostic solutions, we offer a value chain from the identification of biomarkers, the bioinformatics of complex genomic data as well as the development of IVD- and point-of-care platforms. A quality management system has been implemented according to ISO 9001:2015.

We support partners with our expertise in microfluidics, lab-on-chip as well as peptide selection, epitope mapping and structural DNA-based scaffolds. Non-invasive diagnostics is used for breath analysis to detect infection faster and simpler.

Our team works on test systems for environmental, food and medical/clinical applications. From extracellular vesicles and liquid biopsy to various applications in cancer, infectious- or neurodegenerative diseases, we are aiming to provide a safer and faster diagnostic answer to the practitioners and patients. From low-cost devices to high-tech-driven instrumentation.

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Eckert & Ziegler

Gamma Service Medical

Gamma-Service Medical GmbH (part of the Eckert & Ziegler AG) is a global acting medical technology company in the field of isotope technology. Focus areas of business are the development, manufacture and distribution of gamma irradiation devices for the irradiation of blood components and for irradiation of cells or animals in research.

- Certified manufacturer of medical devices in accordance with ISO 13485
- Maintenance and repair work for various irradiation devices using a large network of affiliated companies
- Extensive global network of distributors
- Hands-on-training of foreign technicians with our devices
- One of only few manufacturers worldwide who produce gamma irradiation devices as fully protected installations for the irradiation of blood in transfusion medicine
- Global vendor of X-BEAM blood irradiation units

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Eckert & Ziegler

Gamma Service Recycling

Gamma-Service Recycling GmbH (part of the Eckert & Ziegler AG) is a technology company in the field of handling radioactive materials as well as their national and international shipment. Our focus is on the supply and recycling of radioactive sealed sources from research, medicine and industry, the decommissioning and decontamination of cyclotrons, linear accelerators, radionuclide laboratories and other facilities.

We provide the complete range of technical service and project management:

- Takeover of radioactive sealed sources and smoke detectors for recycling and re-use
- Design and production of sources and containers to customer request
- Overencapsulation of sealed sources in our own hot cells
- Dealing with export and import formalities
- Transport of dangerous goods according to ADR regulations
- Supply of appropriate transport containers and especially equipped vehicles
- Supply, delivery and exchange of sources for teletherapy devices and product irradiators
- Measurement services and identification of activated components
- Professional decommissioning and takeover of contaminated and activated components for recycling and decontamination e.g. linear accelerators

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INJECTA GmbH is a highly specialized manufacturer of stainless steel precision tubing, standard and specialty cannulas as well as custom tubular components with over 100 years of manufacturing experience serving the medical and general industry.

In 1990 INJECTA became part of the SARSTEDT Group, one of the world's leading manufacturer of laboratory and medical equipment and technology.

Our modern production facility is located in Klingenthal, Germany. Just recently in 2020 the building was extended and modernized, now offering 16.000 m² of production area, a large clean room and state of the art production equipment. With over 250 employees we manufacture:

- Precision fine tube and tube cutoffs with outer diameters from 0,30 to 4,00 mm;
- Standard and specialty cannulas for injection, biopsy, anesthesia, ophthalmology and other applications;
- Custom tubular components for medicine, food and general industry

INJECTA GmbH is ISO 9001:2015 and ISO 50001:2018 certified. We emphasize reliable quality and long-lasting relationships with our customers.

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intecsoft was founded 2008 as a specialist for utilities companies, government, healthcare and the digitalization of complex processes in all branches. We are technology providers for Apps, Java, (workflow and web based) and SAP Solution. We believe, that our experience in the combination of smart government, smart city and smart health are unique. We provide unique added value to healthcare IT systems based on comprehensive process knowledge and a strong track record of successful solutions for healthcare automatization and digitization. Our solutions manage and monitor data, documents and workflows to improve your processes—efficient, secure and dependable.

Secure cloud-based solutions

- Data exchange between healthcare professionals
- Application enablement for eHealth apps
- Physician-to-patient interaction

Mobile & Web-based support for care processes

- Quality assessment of therapy and care in medical facilities and nursing homes
- Appraisal for long-term care allowance and assessment of treatment errors

Analysis and valuation of medical facilities and physicians for authorities

- Review and analysis of prescriptions according to legislation (e.g. Social Code)
- Electronic document management for court files and legal documents

intecsoft operates in close cooperation with Oracle, SAP and Microsoft. Helping you care for your patients.

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The MEDICAL FORGE LEIPZIG supports startups and innovative companies to bring their medical products faster to the German healthcare market. The customized 12 months program focuses on the specific needs of young med tech companies.

You'll get:

- hands-on regulatory support
- connections to local hospitals and clinics
- access to fully equipped lab and office space in Leipzig, Germany
- an introduction of the reimbursement system of the German healthcare market
- insightful online courses and seminars tailor-made for medtec and diagnostics startups
- and much more

The best thing is, it is basically for free as it is funded by the German Federal Ministry for Economic Affairs and Climate Action and supported by partners like the City of Leipzig, Techniker Krankenkasse, as well as the University Hospital of Leipzig and the Sankt Georg hospital. You will have to pay 21k Euro as own contribution. However, you will receive a 25k Euro team budget which can be used for any expenses related to market entry in Germany. We do not take any equity.

The next application deadline is November 24th, 2024 to join the MEDICAL FORGE program starting in April 2025.

MedServices GmbH

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EVATOS – a MedServices GmbH brand

With the Phlebolyser®, EVATOS has created a unique microsurgical method that allows these flaws on the surface of the skin to be removed gently yet effectively, without any side effects for the patients.

This minimally invasive method (similar to smaller surgical procedures) is a sensible and unique option to effectively treat bothersome skin disorders. The Phlebolyser® is unique in its class: by combining direct current and high frequency it performs denaturation of bothersome vessels and/or cells, without producing side effects like scars or inflammation. Only the targeted vessel and/or cell structures are destroyed, thanks to direct, targeted application using a gold sensor. Neighbouring cell structures are not affected, or only insignificantly. This also enables treatment on the eye or in the mouth. The application can be performed on pigmented and dark skin without any light scars remaining. The doctor can perform the treatment themselves, or hand it over to trained personnel.

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Nippon Express is a Japan-based logistics company with a global reputation since 1937. We began working as a logistics provider more than 80 years ago, and our ground transportation business dates back to 1872. Nippon Express have 74.139 employees worldwide. In the fiscal year 2022, Nippon Express earned revenues worth 2.62 trillion Japanese yen, increasing from 2.08 trillion yen in the previous year.

We understand that every Healthcare/Pharma Supply Chain is unique – as is the need of the Patient. Serving the Healthcare/Pharma Industry and ultimately Patients is part of our Quality driven company Culture. Our Pharma Supply Chain Experts find the way to deliver Healthcare/Pharma products globally.

- Since 2020 NX has invested beyond 850 Million USD into Healthcare/Pharma (Quality, Network, People, Assets).
- NX offers Global Door to Door Healthcare/Pharma Freight Solutions for Air, Ocean and Road freight.
- Temperature ranges we cover for Healthcare/Pharma transportation range from 2-8 degrees to 15-25 degrees to frozen and deep frozen.
- We work with all active & passive packaging providers approved by our clients regardless of pallet, carton or parcel.
- Regional Healthcare/Pharma Warehousing and Distribution services can be expanded to global scope.
- NX will continue to invest in People, Assets, Training and Services for and together with our Pharma clients – We find the way!

NursIT Institute GmbH

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NursIT Institute is based in Berlin, Europe's fast-paced startup capital. Our company stands at the forefront of healthcare innovation and thrives in its dynamic tech ecosystem.

Hospital nurses are overburdened with administrative tasks and spend only 25% of their time providing direct patient care. With firsthand experience, we have crafted careIT, an unparalleled nursing software that digitises nursing documentation. Thanks to state-of-the-art algorithms and predictive technology, careIT is designed to empower every healthcare professional, magnifying their capabilities, and enhancing their daily workflow. careIT saves nurses 60 minutes per patient a day, increases patient safety, quality of care, and reduces re-admissions!

Our software does not just assist – it leads. With the ability to autonomously handle routine tasks, careIT is reactive and proactive. It identifies potential health risks in patients and recommends the most effective care interventions. Our software is designed for diverse care settings and complies with the globally recognised HL7 FHIR standard.

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OMEGA
BLECHBEARBEITUNG

We are a system supplier for sheet metal products.

OMEGA-products are placed in machine building, agricultural engineering, rail- and special-vehicle building, electrical switch cabinets, facilities for hospitals and surgeries complete our range of products.

Medical Cabinet-System

ISO, EURO and STU standard design. Also customized constructions are possible. Our versatile Cabinet-System for hospitals and health institutions allow to realise almost all customer requirements. The solid design ensures a long lasting and sustainable product. State-of-the-art technical materials and fittings guarantee a constantly high quality.

Material

Our cabinets are made of galvanised steel sheet, double shell (2 x 1 mm thickness) including sound insulation in between with honeycomb cardboard, applied with adhesive for enhanced insulation. The powder coated surface is impact-resistant, scratchproof, corrosion and disinfectant resistant. The low-maintenance coating is available in many different colours to set optical highlights in hospitals, health institutions and laboratories.

Wall- and ceiling systems

Made out of stainless or galvanized steel sheet, antibacterial powder coated. Optional we offer coloured or printed glass panels.

schubert + braun prothesenwerk gmbh

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schubert  braun
prothesenwerk

Individuality Comes First

Individuality comes first for schubert + braun prothesenwerk gmbh. For each and every person the needs are unique, and so are the restorations which schubert + braun prothesenwerk gmbh offer with their wide product spectrum of finger prosthetics, partial hand prosthetics, arm prosthetics as well as toe prosthetics, forefoot prosthetics and leg prosthetics. Also mobility is an important part of our quality of life – at any age. schubert + braun prothesenwerk gmbh are working on maintaining or restoring mobility. Our challenge is to see the world through the eyes of our patients so we can help with our products, our knowledge and our service to improve the quality of life.

With our prostheses, we'll give back the mobility to our patients so they can engage in activities of daily life and leisure without major restrictions. This, of course, will always require a restoration which matches the individual needs. The optimal type of restoration will be worked out in consultation with our team. Each restoration is a small work of art that fascinates particular by the individually matched and natural shape and color design. In addition, there is the benefit of functional advantages and high wearing comfort.

Whatever your needs are, we have the solution for you.

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VON ARDENNE 
APPLIED BIOMEDICAL TECHNOLOGIES

Science in Alliance with Nature

Established over four decades ago, the Von Ardenne Institute of Applied Medical Research is a leading innovator in whole-body hyperthermia (WBH) technology. Our mission is to honor the legacy of Prof. Manfred von Ardenne by advancing the frontiers of medical research and developing therapeutic solutions.

Inspired by the body's natural defense mechanism of fever, we have engineered a novel device that induces artificial fever for therapeutic purposes. By elevating core temperature, we stimulate the body's inherent healing processes, leading to accelerated recovery from various diseases and a strengthened immune system.

The IRATHERM®1000M, our flagship WBH device, utilizes skin-tolerable infrared-A radiation (wIRA) with deep tissue penetration, ensuring gentle and effective treatment. This innovative technology offers a wide range of applications, from preventive measures to adjunct therapies for chronic diseases and malignant tumors.

At the Von Ardenne Institute, we are committed to harnessing the power of WBH to promote overall well-being and improve treatments outcome. Our dedication drives us to continuously refine our technologies and expand their therapeutic potential.

WOLFRAM Designer und Ingenieure

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 **WOLFRAM**
Designer und Ingenieure

WOLFRAM Designer und Ingenieure develops medical products. As a service provider for **holistic medical product development**, WOLFRAM advises and accompanies you through all stages of the development process. You benefit from **comprehensive design** advice, a profound understanding of technology and an economical design process.

WOLFRAM develops:

- **technical concepts** in line with regulatory requirements and costs
- successful and market-ready **medical product designs**
- **kinematic systems** divided into sub-assemblies, including the elaboration of all components and manufacturing groups
- **3D CAD models** and **technical drawings** suitable for mass production and assembly
- **human machine interfaces (HMI)** with great usability and user experience (UI / UX Design)

WOLFRAM supports you in the development of a **market-specific branding** and the integration of the medical product design and user interface into your company's **corporate identity**. With market-ready designs for your medical technology WOLFRAM guides the future product image to strengthen your **sustainable economic success**.

A BUSINESS LOCATION AT ITS BEST

- Located in the heart of Europe: For centuries, Saxony has been the intersection of Europe's major thoroughfares
- DHL Hub Leipzig: Europe's most modern air cargo hub with 24 / 7 service
- Second highest GDP growth rate (over 30 %) of all federal states in Germany since the year 2000
- 94 % of Saxony's workforce possess at least a university entrance qualification / completed vocational training (OECD average = 80 %).
- Saxony is one of the "strong innovators" in the European Union.
- Saxony enchants - with marvelous landscapes and cultural highlights.

If you need more information, please contact:

WIRTSCHAFTSFÖRDERUNG SACHSEN GMBH

(Saxony Trade & Invest Corp.)

STAATSMINISTERIUM
FÜR WIRTSCHAFT
ARBEIT UND VERKEHR



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European Union
European regional
development fund

Europe funds Saxony!

This measure will be co-financed through taxes based on the budget that had been accepted by the members of the Saxon State Parliament.