



HIGH-TECH GRÜNDERFONDS

In a Nutshell - The Active
Portfolio HTGF I & II

By: HTGF

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Hardware | Automation | Optical Technologies | Energy | Industrial Software

| | | | | | | |
|-----------------------|---|--|---|--|--|---|
| Applications | Industrial Software Fodjan Soley Sablono SOTA SE.M.LABS Solutions SimScale Yatta | Mobility Autoaid CoModule FAZUA Orbital Express Predict.io | Virtual & Augmented Reality 4tiitoo Enscape ImmerSight Inreal | Software cloudplan EcoIntense WeSustain | TelCo CommSolid | Illumination Projection Audio Eyefactive VIOSO |
| | Access Baimos FIDLOCK Jenetric | | | Automation Cevotec Cuciniale | Logistics Cubical | |
| Tech / Infrastructure | Production ALS ATC Aluvation Böhner-EH Cevotec Compositence eGym Multiph. Optics Notion Systems PicoLAS Pulsar Photonics | | | | | |
| | Additive Manufacturing ALL3DP IQ evolution Notion Systems Print2Taste | | | | | |
| | Robotics Adlatus Robotics Automatic Logistic Solutions Cevotec Revobotic Synapticon | | | | | |
| | Recycling akvola Technologies Saperatec | | | | | |
| | Energy Management Cuculus enercast Enexion NEXT Kraftwerke NOVUM Oneshore Permundo Solandeo | | | | | |
| | Metrology Luceo Technologies | Optical Metrology Cycle Fos4x Enoware HyperScan | Semiconductor Extoll Interposers Multiph.Opt SciEngines | Energy Generation Storage Custom Cells Itzehoe Heliatek Smart Hydro Power Subitec | Sensornetworks Micronet Automation Viamon | Security Comnovo Jenetric SciEngines |

Therapy

Medical Technology

Cardiac Devices

Coramaze technologies | CryoTherapeutics | NovaPump

Neuromodulation

CorTec | EBS Technologies | WISE

Orthopedics

MeCuris* | Synoste

Emergency Care

Pentracor | ReActive Robotics* | Seiratherm

Aesthetics

GME | Natural Dental Implants

Diagnostics

Patient Monitoring

Capical | Dolosys | Humedics | Implandata | Photonics Healthcare

Imaging & Navigation

Amedo | Eyesight&Vision | Fiagon | medineering | micro-dimensions | Scopis | SurgicEye | whitesonic*

Tools/Platforms

New Materials

Bubbles&Beyond | Heppe Medical | JeNaCell Medovent | multiBIND

Personal Health & e-Health

Advanova | Bomedus | connected-health | Desino | Exelonix | HRTBT | Newsenselab* | perora | PMS | Preventicus | Sonormed

Biotechnology

Small Molecules, Peptides & Proteins

AdvanceCOR | Algiax | Atriva* | AudioCure | Cardior* | HepaRegeniX* | Immunic* | MYR | Omeicos | Zedira | Zimmer BT*

Immuno- and Gene Therapy

4 Animal Alsterscience | Amal Therapeutics | GeneQuine | Immunservice | Protectimmun | Rigontec | SciMab* | TolerogenixX*

In-vitro Dx

Abviris | KSK-Diagnostics* | Lophius | onCGnostics | Predemtec | SeNostic

R&D Tools, Biomarker Discovery, Biosensors

Ayoxxa | Biometrics | Chromotek | CuneSoft | cytena | PEPperPRINT | PreOmics* | Sierra Sensors | Venneos | Signatope*

Enzymes & Manufacturing

c-LEcta | Cysal | evoxx | Hapila | m2p-labs | numafarm*

Drug Delivery

Lipocalyx | Rodos | Sirion | Thermosome

Green Biotech

Oaklabs | Subitec | Computomics

Digital Applications | Software | Infrastructure Solutions

Applications

Tech / Infrastructure

| | | | | | |
|---|--|---|---|---|---|
| <p>FinTech Bitwala Figo FundFlow Givve Mobilversichert Payever SE.M.LABS</p> | <p>eCommerce Marketplaces 99chairs JUNIQE Makerist Rebelle Shops Dormando Mister Spex Outfittery Yorxs</p> | <p>Human Resources Recruiting Jobleads MoBerries MobileJobs Support Clickworker Loopline Maxment</p> | <p>Mobility coModule Predict.io 3D Printing ALL3DP Print2Taste Publishing Gravit Locr make.tv Pressmatrix</p> | <p>Health & Lifestyle Asanayoga eGym evalu FooBoo mobilebits Skoove Travel Bookingkit Customer Alliance HQ Plus</p> | |
| <p>PropTech/ LegalTech Casavi Coredinate Iplytics Sablono</p> | <p>AdTech Adtriba Crealytics linkbird Simplaex Semasio</p> | <p>Retail Intelligence Itembase Inventorum metoda minubo POSpulse Stocard</p> | <p>Marketing Crossvertise Trackscale uberMetrics</p> | <p>Search SEMKNOX UrgeIO (Versus) Communication CommSolid NFON Smoope</p> | <p>Sustainability EcoIntense Flowtify WeSustain Social Altruja FamPlus</p> |
| <p>Big Data/ Analytics Data Analytics AltusInsight ConWeaver Data Virtuality Business Analytics Impliesense Wetransform</p> | <p>AI Enercast Everybag Predict.io Pylba</p> | <p>IT-Security Baimos Graylog Hornetsecurity ondeso Protected Networks SciEngines SSP Europe VMRay</p> | <p>Cloud Infrastructure cloudplan cubical Eddyson Grandcentrix Incapptic Connect gridscale Quobyte RAIDBOXES Replex Tixel tocario tracekey</p> | <p>Tools Productivity Tools Conceptboard Filestage Userlane Veodin virtualQ Developer Tools Codetrails Yatta</p> | |

Chemistry-related Portfolio

| | | | |
|--|---|---|---|
| Energy & Cleantech | Energy-Generation / -Storage Custom Cells Itzehoe Heliatek | Recycling saperatec subitec | Water akvola Technologies Dust Biosolutions |
| Bio-based Economy | Enzymes-Plattformen & Specialties c-LEcta evoxx | Food & Nutrition Cysal Fodjan PerformaNat* | Enabler EcoIntense Hapila SOTA Solutions |
| Urbanization New Materials related Technologies | 3D-Printing / Lithography-Technologies interposers IQ evolution Limata MeCuris* Multiphoton Optics | Surface-Technologies Bubbles & beyond i3 Membranes Notion Systems | Composite materials & fibers compositence JeNaCell WPX |
| Agriculture | Breeding- and Protection-Solutions Computomics multiBIND Oaklabs | Animal health PerformaNat* | |
| Processes & Software | Sensors & Simulation somonc solutions We Sustain | | |



Company

Information

Industrial Software

Fodjan

Fodjan is the SaaS solution to calculate animal feed in agriculture and provides an online trade for fodder.

SE.M.LABS

SE.M.LABS is a full service SaaS provider for usage-based billing models, using Industry 4.0 and IoT

Sablono

Sablono develops a software platform for the digital planning and controlling of construction projects. For the first time, users can monitor and analyse the progress of their projects in real-time by using highly detailed schedules.

SimScale

SimScale offers state of the art simulation technology for industrial product development in a SaaS model. This enables engineers to use computer aided engineering methods with low entry barriers and novel collaboration features.

Soley

Data analytics software for engineers in R&D, production and automotive industry.

SOTA Solutions

Intelligent solutions with auto adapting optimization software using a predictive and prescriptive analytics platform technology.

Yatta

Yatta changes the world of software development. Yatta tools and technologies help software developers design, analyze and develop great software.



Company

Information

Mobility

Autoaid

Autoaid develops and distributes a self-learning, webbased vehicle diagnostics system for professional use in vehicle repair shops and develops remote diagnostic solutions for vehicle fleets.

coModule

Hard- and software solution to calculate the range of electric vehicles of all kind.

FAZUA

FAZUA develops and sells drive systems branded evation for e-bikes. Evation distinguishes by a compact drive unit that can be removed from the down tube at any time with just one click. Within seconds e-bikes are converted into lightweight bikes.

Orbital Express

OrbEx is an innovative space access company.

Predict.io

ParkTAG allows drivers to find free street parking. Once the app is installed it automatically detects when the driver parked and when he is about to vacate the spot. This way local parking communities help each other find free parking.

Access & Virtual & Augmented Reality



| Company | Information |
|--|---|
| Access | |
| <u>Baimos</u> | <u>BlueID by baimos technologies is the digital keychain for smartphone apps and IoT devices. The BlueID SDK is licensed to solution providers and IoT device makers, solving the problem of secure digital keys, identity and access management.</u> |
| <u>Fidlock</u> | <u>FIDLOCK develops and sells innovative magnetic closures. The product advantages safety, one-handed-operation and comfort are equally demanded in many completely different industries like schoolbags, sports, automotive and furniture.</u> |
| <u>Jenetric</u> | <u>JENETRIC sells next generation biometric devices for capturing fingerprints and ID documents.</u> |
| Virtual & Augmented Reality | |
| <u>4tiitoo</u> | <u>With NUIA 4tiitoo has developed a software suite that will make our interaction with computers more natural, more efficient and more intuitive by using gaze, speech and gesture Input.</u> |
| <u>Enscape</u> | <u>Enscape enables everyone to experience architectural projects as if they were already built, by developing a photorealistic and easy to use 3D walkthrough with one click.</u> |
| <u>ImmerSight</u> | <u>immersight develops and sells point-of-sale virtual reality solutions. On this immersight invented the Roomglassess, which enable the user to totally immerge in virtual spaces thus creating an almost real experience. Based on this technology immersight provides consultation for companies on the setup of virtual showrooms and on connected sales concepts and strategies.</u> |
| <u>Inreal</u> | <u>Through photo-realistic images in virtual worlds we create unique product presentations.</u> |



Company

Information

Software

cloudplan

cloudplan develops a software-as-a-service application, connecting PCs and servers of a company to a low cost and highly available data storage network.

EcoIntense

EcoIntense is the leading supplier of the globally established SaaS platform EcoWebDesk®, the standard solution for managing health, safety and environmental challenges.

WeSustain

WeSustain develops software for small- and large scale enterprise sustainability management.

Automation

Cevotec

Cevotec develops patch-based manufacturing technologies such as the automated Fiber Patch Placement (FPP).

Cuciniale

Cuciniale develops and markets intelligent cooking assistance systems enabling everybody to cook to ones heart's desire.



| Company | Information |
|------------------|--|
| TelCo | |
| <u>CommSolid</u> | <u>CommSolid is an independent design house serving the established global cellular and emerging IoT markets with solid communication solutions. CommSolid can handle high volume and extremely integrated low power solutions.</u> |
| Logistics | |
| <u>Cubical</u> | <u>Cubical offers a state-of-the-art video based identification system that draws data from existing surveillance cameras while counting the shoppers and estimating their gender and age. The system is organized as a cloud service to keep costs low.</u> |



Company

Information

Illumination | Projection | Audio

Eyefactive

As the leading provider for interactive multiuser technology, eyefactive establishes the first software platform and marketplace for customizable business apps on large-scale touchscreens.

VIOSO

VIOSO is the first supplier in the world to offer standard solutions for fully automated large-format projection and enables projections onto uneven and colored surfaces.



Company

Information

Production

ALS - Automatic Logistic Solutions

ALS has developed a machine for the automatic opening of packages.

ATC Aluvation

ALUVATION system takes heat treating in a new direction, away from permanently installed environments and into a new, digitalised, mobile, modular and dynamic age of Industry 4.0.

Böhner-EH

The Boehner-EH GmbH develops, produces and sells innovative electric-hydrostatic drives for industrial linear motions. EH-D© in a unique way combines the advantages of hydraulic drives with the advantages of electric drives.

Cevotec

Cevotec develops CFK patch-based manufacturing technologies such as the automated Fiber Patch Placement (FPP).

Compositence

Compositence offers innovative platform technology combining the fully automatic and low-cost mass production of composite components with maximum flexibility in the fibre architecture.

eGym

eGym designs, manufactures and sells modern high-tech products for the fitness market. The products include fully electric fitness machines, the eGym PREMIUM software, the eGym trainer app and eGym.de – the hub for personal fitness online.



Company

Information

Production

MPO - Multiphoton Optics

Multiphoton Optics develops 3D laser lithography systems for the automated production of optical packages and offers prototyping and manufacturing services.

Notion Systems

Notion Systems GmbH focuses on additive manufacturing and sells high-tech industrial inkjet printers along with according automation and positioning equipment.

PicoLAS

PicoLAS develops ultra short pulse current drivers. These enable new fields of application for the direct use of diode laser radiation: Marking, engraving, seeding of fiber lasers and other applications with compact and economic laser solutions.

Pulsar Photonics

Pulsar Photonics manufactures machines and components for micro material processing with ultrashort-pulsed laser radiation. Its systems for structuring, drilling and cutting processes stand out by greater efficiency to broaden the market.

Additive Manufacturing + Robotics



| Company | Information |
|---|---|
| Additive Manufacturing | |
| <u>ALL3DP</u> | <u>All3DP aims to serve as the premier global contact point for information related to 3D printing: All3DP.com, the English-language internet platform provides consumers and small business users with guidance and practical information.</u> |
| <u>IQ evolution</u> | <u>Development and production of micro cooling devices for high power diode lasers as well as for semiconductors in general. This includes LED, power electronics and processors. Use and development of the platform technology "Micro SLM".</u> |
| <u>Notion Systems</u> | <u>Notion Systems GmbH focuses on additive manufacturing and sells high-tech industrial inkjet printers along with according automation and positioning equipment.</u> |
| <u>Print2Taste</u> | <u>3D-printer incl. app to print food.</u> |
| Robotics | |
| <u>Adlatus Robotics</u> | <u>Adlatus Robotics developed an industrial cleaning robot</u> |
| <u>ALS - Automatic Logistic Solutions</u> | <u>ALS has developed a machine for the automatic opening of packages.</u> |
| <u>Cevotec</u> | <u>Cevotec develops CFK patch-based manufacturing technologies such as the automated Fiber Patch Placement (FPP).</u> |
| <u>Revobotik</u> | <u>REVOBOTIK is reducing production costs with high-speed revolving robots for pick & place (PnP) tasks.</u> |
| <u>Synapticon</u> | <u>Synapticon's mission is to close the gap between the virtual and the real world. We rethink embedded systems to streamline product development in robotics & automation.</u> |



Company

Information

Recycling

Akvola Technologies

Akvola Technologies sells water treatment plants equipped with akvoFloat™, an energy-efficient flotation-filtration process based on ceramic materials, for desalination and industrial wastewater treatment.

saperatec

Saperatec splits up multilayer materials for the recovery of valuable and scarce materials. The micro-emulsion based technology was optimized for the recycling of packaging materials, beverage cartons as well as laminated safety glasses.



Company

Information

Energy Management

Cuculus

Cuculus' novel and scalable mass data software platform helps secure future energy supply through commercial smart metering and smart home applications.

enercast

Enercast is a specialist for the forecasting of renewable energies. The transition of the energy market is only possible with the help of power forecasts and projections for wind- and solar power plants.

Enexion

Enexion is a specialized service provider serving energy intensive companies in the reduction of Total Energy Costs (TEC) and procurement risks during the energy purchase (25 - 50% savings potential).

NEXT Kraftwerke

NEXT Kraftwerke challenges the energy market's turnaround towards renewables: How can renewable energies compete with conventional electricity producers in the open market? By using excellent IT and smart trading!

NOVUM

NOVUM engineerING develops small and smart inverters for fuel cells and batteries combining high efficiency and compact design with a real time monitoring function and an automatically fault clearance option.

OneShore

OneShore develops solar-diesel-hybrid power plants.

Permundo

Permundo offers smart controls that perfectly match the mass market requirements of upcoming smarthome applications. Its automatic recognition of consumers allows products in the range of surveillance, assisted living and energy mgmt.

Solandeo

Solandeo develops hard- and software for the direct marketing of wind- and solar power plants.



Company

Information

Metrology

Luceo Technologies

Luceo develops, produces and sells test equipment. It is used for quality tests of optical and electrical high-speed communication components in the gigabit range worldwide.

Optical Metrology

Cycle

Cycle develops, produces and markets innovative laser technology. Their product portfolio comprises laser-based synchronization systems with femtosecond precision and high-energy pulsed lasers with high average power.

Enoware

enOware develops mobile sensor systems for application in fluids within the geothermal, energy and environment monitoring industries.

fos4x

fos4X develops sensors which measure the strain and torque suffered by wind turbine blades. The sensors are capable of functioning for the full duration of the turbines life and not sensitive to high voltages and therefore immune to lightning.

HiperScan

HiperScan's near-infrared spectrometers are small, quick, robust and affordable, based on MEMS-technology. The ApoIdent evaluates and quality checks incoming substances in pharmacies automatically.



| Company | Information |
|---|--|
| Semiconductor | |
| <u>Extoll</u> | <u>EXTOLL produces network technology for High-Performance-Computing (HPC), for example self-developed ASIC chips and optical cables. EXTOLL technology shows unequaled performance and allows a switch-free network architecture.</u> |
| <u>Interposers</u> | <u>The company Interposers GmbH is developing a printed wiring interposer as an intermediate layer for the 3D integration of micro electronic components.</u> |
| <u>MPO - Multiphoton Optics</u> | <u>Multiphoton Optics develops 3D laser lithography systems for the automated production of optical packages and offers prototyping and manufacturing services.</u> |
| <u>SciEngines</u> | <u>SciEngines provides cost-efficient high performance computing solutions based on field programmable gate arrays (FPGAs).</u> |
| Energy Generation Storage | |
| <u>Custom Cells Itzehoe</u> | <u>Custom Cells Itzehoe manufactures customer-specific accumulators based on lithium battery technology.</u> |
| <u>Heliatek</u> | <u>Founded in 2006 as a spin-off from the Universities of Dresden and Ulm, Heliatek GmbH is the global technology leader for organic solar cells.</u> |
| <u>Smart Hydro Power</u> | <u>Develops a modular micro-hydrowater-plant (5 kW) with energy management system for decentralized applications or grid connection for agriculture, workshops or houses close to rivers.</u> |
| <u>Subitec</u> | <u>Subitec has developed technology for the production of microalgae at industrial scale. Parts of the biomass are used for food supplements, cosmetics and feed – the rest energetically as biogas and biodiesel.</u> |



Company

Information

Sensornetworks

MicroNet Automation

MicroNet Automation GmbH provides highly innovative communication technology for networked automation systems featuring outstanding cost-efficiency compared to conventional solutions.

Viamon

Theft of photovoltaik- (PV) modules leads to yearly losses adding up to millions. The Viamon anti-theft protection module is an intelligent system, which permanently monitors the solar field and sets off an alarm in case of theft.

Security

Comnovo

More efficient industrial processes enabled by enhanced safety: Comnovo develops and markets a new radio-based warning system to reduce the accident risk from collisions between persons and vehicles, in particular for forklifts and wheel loaders.

Jenetric

JENETRIC sells next generation biometric devices for capturing fingerprints and ID documents.

SciEngines

SciEngines provides cost-efficient high performance computing solutions based on field programmable gate arrays (FPGAs).

Cardiac Devices + Neuromodulation



| Company | Information |
|------------------------------|---|
| Cardiac Devices | |
| <u>coramaze technologies</u> | <u>coramaze technologies develops a medical device that supports transfemoral delivery for the treatment of mitral insufficiency in inoperable patients.</u> |
| <u>CryoTherapeutics</u> | <u>CryoTherapeutics develops a proprietary cryotherapy system for applications in the treatment of coronary artery disease that causes heart attacks.</u> |
| <u>NovaPump</u> | <u>NovaPump develops pump catheter for right- and bi-ventrikular heart support. The device can be used for planed surgery (i.e. decompensated heart failure) or in emergency medicine (cardiogenic shock, infarction).</u> |
| Neuromodulation | |
| <u>CorTec</u> | <u>CorTec develops a neurotechnological platform for the measurement and stimulation of brain activity. It can be applied in different areas of therapy, rehabilitation or assistant techniques.</u> |
| <u>EBS Technologies</u> | <u>EBS Technologies develops a non-invasive therapy device for the treatment of functional disorders after stroke or head injury. The device improves deficits in patient's speech, visual capacities, motor skills and memory.</u> |
| <u>WISE</u> | <u>WISE develops next-generation electrodes for neurostimulation that are elastic and resist stretching without the risk of dislocation or electrical failure.</u> |



| Company | Information |
|--------------------------------|--|
| Orthopaedics | |
| <u>Mecuris</u> | <u>Mecuris enables the individual and custom-made production of orthopaedic aids by means of an intuitive web-based platform and subsequent manufacturing using 3D printing. This includes orthoses and prostheses, as well as equipment such as covers for below-knee prostheses.</u> |
| <u>Synoste</u> | <u>Synoste develops implantable devices for limb lengthening and scoliosis. Activation of the extension mechanism is done via a home care unit. Synoste addresses the orthopedic as well as the cosmetic surgery markets world wide.</u> |
| Emergency Care | |
| <u>Pentracor</u> | <u>Pentracor engages in the development and distribution of an absorber for the therapeutic removal of CRP initially from plasma of patients with acute myocardial infarction in order to decrease and prevent long-term damage.</u> |
| <u>ReActive Robotics</u> | <u>ReActive Robotics was founded in Munich, Germany, in April 2015 with the vision to enable intensive care personnel to deliver the best possible rehabilitation therapy to their patients.</u> |
| <u>Seiratherm</u> | <u>Seiratherm develops, produces and distributes a feedback-controlled device for the regulation of the body core temperature of critically-ill patients (i.e. stroke).</u> |
| Aesthetics | |
| <u>GME</u> | <u>GME German Medical Engineering markets a new generation of lasers and lightsystems (small, light weight, modular) for the use in cosmetic and medical dermatology. two products on the market. FDA approved.</u> |
| <u>Natural Dental Implants</u> | <u>Natural Dental Implants offers original-shaped implants, based on 3D x-ray images, that can be inserted right after extraction. The implant derives its primary stability through a temporary splint fixed to the adjacent teeth.</u> |

Patient Monitoring



| Company | Information |
|-----------------------------|--|
| Patient Monitoring | |
| <u>Capical</u> | <u>Capical develops an innovative ECG device based on capacitive electrodes allowing for easy, fast and unique wireless ECG recordings without any electrical skin contact.</u> |
| <u>Dolosys</u> | <u>Dolosys develops a medical device that objectively determines the analgesic requirements in sedated patients in the ICU thereby optimizing pain therapy in critically ill patients.</u> |
| <u>Humedics</u> | <u>Humedics markets a system for bedside and instantaneous measurement of liver function. Patented device, consumables and a diagnostic drug allow an optimal market offering.</u> |
| <u>Implandata</u> | <u>Implandata Ophthalmic Products develops a sensor for the continuous telemetric measurement of the intraocular pressure for glaucoma patients.</u> |
| <u>Photonics Healthcare</u> | <u>Photonics Healthcare develops and sells a product to measure the oxygen concentration within cells in order to provide a triggerpoint for the initiation of blood transfusions.</u> |



Company

Information

Imaging & Navigation

Amedo

Amedo develops and markets innovative tracking and navigation technologies mainly for the medical market to improve accuracy, ease of use and safety for a wide range of interventions while significantly reducing costs.

Eyesight & Vision

Eyesight & Vision develops a system that helps the surgeon to optimize the choice and positioning of implantable intraocular lenses (IOLs) in cataract surgeries and promises a high predictability of refraction results and patient satisfaction.

Fiagon

Fiagon develops a new medical navigation system for intraoperative process control and positioning of instruments for ENT, head-/ neck- and neurosurgery.

medineering

medineering develops highly intelligent and integrated assistive robotic systems to improve the workflow, the efficiency and process quality for the minimally invasive head surgery (ENT, MCF and neurosurgery).

microdimensions

microDimensions develops and distributes software solutions and services for microscopic image alignment, processing and visualization.

Scopis

Scopis develops and markets high-precision laser-based endoscopic and microscopic measuring systems for different applications in minimal invasive surgery.

SurgicEye

SurgicEye develops pre- and intraoperative imaging and navigation solutions for cancer surgery. The technology enables more reliable and less invasive interventions.

Whitesonic

Whitesonic develops the first ultrasound-based intraoral scanner for digital impression-taking of dental structures.



Company

Information

New Materials

Bubbles&Beyond

bubbles & beyond has developed a unique technology platform that enables the design, fine-tuning and stabilization of liquids (nanoemulsions, microemulsions and phasefluidsystems) as well as special foams, so called "intelligent fluids".

Heppe Medical

Heppe Medical Chitosan produces chitin and chitosan-based biopolymers of high purity. HMC develops new applications for the pharmaceutical industry, nanoparticles for drug delivery systems and is a custom manufacturer of chitosan derivatives.

JeNaCell

JeNaCell is a specialist for high-quality biological synthesized nanocellulose (BNC) with defined forms and controlled nanostructures. Markets: wound dressing, cosmetics, filters.

Medovent

Development of innovative, bioabsorbable products with a focus on medical applications.

multiBIND

multiBIND develops a biological decontamination and disinfection system for molecular biology, biotechnology, hygiene and agro-chemistry.

Personal Health & e-Health (1/2)



| Company | Information |
|---------------------------------------|--|
| Personal Health & e-Health | |
| <u>Advanova</u> | <u>ADVANOVA offers the first completely mobile electronic patient chart for hospitals (Vmobil) that is able to fully substitute the paper based chart.</u> |
| <u>Bomedus</u> | <u>Bomedus develops bandages with integrated electro-mechanical sensors stimulating the longterm depression (LTD) of the WDRNeurone - wide dynamic range neurons thus reducing pain.</u> |
| <u>connected-health</u> | <u>connected-health offers an electronic health record, which can be self-managed by the patient. In the doctors office or hospital the data are transferred via an WLAN-module, the LifeHub, when the patients smartphone is converged to the hub.</u> |
| <u>Desino</u> | <u>Active wheelchair preventing and reducing lower back pain through its manual hybrid drive and movable seat.</u> |
| <u>Exelonix</u> | <u>exelonix develops assistance systems for elderly people which offer home emergency call functionality along with easy-to-use internet & communication pplikations that will enable participation in the information society without barriers.</u> |



| Company | Information |
|---------------------------------------|--|
| Personal Health & e-Health | |
| <u>HRTBT</u> | <u>HRTBT medical solutions enables digital anamnesis and a system for digital follow-on care of patients (Patient Related Outcome Measures) after surgical interventions as well as documentation even within surgery.</u> |
| <u>Newsenselab</u> | <u>M-sense is the first app to have been certified as a medical product to combat migraines and headaches. It helps sufferers to document their migraine attacks and analyse their triggers.</u> |
| <u>Perora</u> | <u>Perora develops a polymer-based fat-binding medical device as a novel platform for weight management and the treatment of obesity.</u> |
| <u>PMS</u> | <u>Personal MedSystems develops a handheld 12-lead-ECG home monitoring device (generated with 4 electrodes) for the early detection of heart infarcts.</u> |
| <u>Preventicus</u> | <u>Preventicus develops a smartphone-based solution to measure vital signs making a pre-clinical screening for risk factors of modern lifestyle diseases possible.</u> |
| <u>Sonormed</u> | <u>Sonormed develops innovative technologies for the digital audiology market. Tinnitracks (certified medical product app to treat tinnitus with your own music) is reimbursed by several insurances in Germany.</u> |

Small Molecules, Peptides & Proteins (1/2)



| Company | Information |
|-------------------|--|
| | Small Molecules, Peptides & Proteins |
| <u>AdvanceCOR</u> | <u>AdvanceCOR is a drug-developing biotech company active in the cardiovascular space. A drug candidate paired with a companion diagnostic for lesion-specific inhibition of platelets in acute vascular syndromes is currently undergoing phase II.</u> |
| <u>Algiax</u> | <u>ALGIAX is an innovative biotech company focusing on drug development for neuropathic pain. The lead candidate is currently in phase Ib.</u> |
| <u>Atriva</u> | <u>Atriva stands for the next generation of Antiviral Therapies: MEK Inhibitors have high potential as truly efficacious and safe antiviral drugs to address the urgent need for novel, broadly active anti-viral drugs with favourable benefit-risk profile</u> |
| <u>AudioCure</u> | <u>AudioCure Pharma develops drugs to cure neurodegenerative conditions with high medical need. The lead compound for hearing loss is under preclinical development.</u> |
| <u>Cardior</u> | <u>Cardior is focused on the development and clinical validation of ncRNA therapeutics for patients with myocardial infarction and heart failure. Cardior aims to market its products in collaboration with a strategic pharma partner after clinical proof-of-concept (POC) data.</u> |

Small Molecules, Peptides & Proteins (2/2)



| Company | Information |
|---|--|
| Small Molecules, Peptides & Proteins | |
| <u>HepaRegeniX</u> | <u>HepaRegeniX develops a small molecule for the treatment of liver disease like NASH. The molecular target is MKK-4.</u> |
| <u>Immunic</u> | <u>Immunic develops small molecule immune modulators for the treatment of Th17 and Th1 induced autoimmune disease with focus on inflammatory bowel diseases and psoriasis.</u> |
| <u>MYR</u> | <u>MYR develops a novel, peptide-based, first-in-class drug (entry inhibitor) for the treatment of chronic hepatitis B and Delta infections. Currently in clinical phase IIb.</u> |
| <u>Omeicos</u> | <u>Omeicos Therapeutics develop a small molecule drug based on metabolites of omega-3 fatty acids for the treatment and prevention of atrial fibrillation as well as ophthalmological indications.</u> |
| <u>Zedira</u> | <u>ZEDIRA is a specialist in transglutaminases and focusses on diagnostic and therapeutic applications in the indications celiac diseases (clin. phase I, partnered) and prevention of thrombosis (preclinical).</u> |
| <u>Zimmer BioTech</u> | <u>Zimmer Biotech develops a new formulation of the 5-aminolevulinic acid which is used in the photodynamic therapy (PDT). The new formulation should reduce the incubation time and the treatment related pain.</u> |

Immuno- and Gene Therapy



| Company | Information |
|---------------------------------|---|
| Immuno- and Gene Therapy | |
| <u>4 Animals Alsterscience</u> | <u>4 Animal Alsterscience Therapy for oncological indications in animals based on IL-2.</u> |
| <u>Amal Therapeutics</u> | <u>Amal Therapeutics' develops novel therapeutic cancer vaccines for the treatment of glioblastoma based on proprietary vectors consisting of a cell-penetrating peptide and a multi-epitopic antigen-cargo-peptid.</u> |
| <u>GeneQuine</u> | <u>GeneQuine develops gene therapy drugs with a novel mechanism of action against autoimmune diseases. First drug candidates targets osteoarthritis in the veterinary market (PoC in horses).</u> |
| <u>Immunservice</u> | <u>Immunservice develops biomimetic immune hormones, in particular interleukin-2, for safer, more effective and potentially curative therapies, especially in cancer.</u> |
| <u>Protectimmun</u> | <u>Protectimmun develops the first drug that induces a long-lasting protection against allergic airway diseases through a beneficial imprinting of the infantile immune system.</u> |
| <u>Rigontec</u> | <u>Rigontec is a preclinical biotech developing RNA-based immunotherapeutics for the treatment of cancer and viral diseases. Rigontec's lead compound Im01100 targets a novel receptor of the innate immune system, Retinoic acid Inducible Gene I (RIG-I).</u> |
| <u>SciMab</u> | <u>SciMab develops monoclonal antibodies against a new target which is relevant in autoimmune diseases and cancer</u> |
| <u>ToleroGenixX</u> | <u>ToleroGenixX develops a cell-therapy in clinical phase I that modulates the immune system of kidney-transplant recipients with the effect that further immunosuppression will not be necessary anymore.</u> |



| Company | Information |
|------------------------|---|
| In-vitro Dx | |
| <u>Abviris</u> | <u>Abviris commercializes the first screening test for identification of HPV-related mouth and throat cancer that also could be used to identify relapses.</u> |
| <u>KSK-Diagnostics</u> | <u>KSK-Diagnostics develops novel rapid diagnostic assays based on the rapid isothermal amplification technology (rITA). First assays are for the detection of MRSA and other anderen nosokomial infections.</u> |
| <u>Lophius</u> | <u>T-cell diagnostic of autoimmune and infectious diseases, initially determination of cut-off values for antiviral therapy in CMV-infected transplantation patients. Differentiation of active vs. latent Tb infection in development.</u> |
| <u>onCGnostics</u> | <u>oncgnostics develops - based on proprietary epigenetic biomarkers - highly reliable molecular in-vitro diagnostic (IVD) tests for screening, follow-up care and therapeutic decisions in oncology.</u> |
| <u>Predemtec</u> | <u>Predemtec develops a robust and reliable bloodtest (ELISA based) for the diagnosis of different dementia like Alzheimers and vascular demetia.</u> |
| <u>SeNostic</u> | <u>Senostic is a diagnostic company developing the differential diagnosis of multiple neurodegenerative diseases in a single test using their proprietary SeedCycler technology platform.</u> |

Tools: R&D, Drug&Biomarker Discovery, Biosensors



| Company | Information |
|---|--|
| Tools: R&D, Drug&Biomarker Discovery, Biosensors | |
| <u>Ayoxxa</u> | <u>AyoxxA develops a high-multiplex, low sample-volume proteomics chip. The protein chip precisely identifies and quantifies many proteins, including markers for cancer, allergies, cardiovascular or infectious diseases at the same time.</u> |
| <u>Biametrics</u> | <u>Biametrics provides solutions for biomolecular interaction analysis based on label free biosensor technology (RfS).International customers from diagnostics and biotech value the robust, exact and scalable technology.</u> |
| <u>ChromoTek</u> | <u>ChromoTek focuses on the discovery and development of innovative fluorescent nanoprobe derived from single-chain antibodies from Camelidae (Chromobodies) for applications in research and high-content screening.</u> |
| <u>CuneSoft</u> | <u>Cunesoft provides online regulatory software for the life sciences industries. The SaaS-based solutions are delivered fully functional to customers and fulfill FDA, EU, ICH and GxP compliance regulations.</u> |
| <u>cytena</u> | <u>cytena develops a patented single cell printer and sells it as a benchtop lab device for researchers and cell line developers. The cy-Clone device sorts fully automatically single cells from suspension samples into well plates.</u> |
| <u>PEPperPRINT</u> | <u>PEPperPRINT produces customized ultra-high density peptide microarrays and uses individualized peptide libraries for drug development, antibody characterization, and protein biomarker discovery.</u> |
| <u>PreOmics</u> | <u>PreOmics develops a sample preparation kit for mass spectrometry.</u> |
| <u>Sierra Sensors</u> | <u>Sierra Sensors is combining state of the art label-free detection with cutting edge microfluidic sample delivery, sensor design, and automation, to supply researchers with high performance analytical biosensors.</u> |
| <u>Venneos</u> | <u>Venneos develops and markets chip based electrical imaging systems for the cell based analysis.</u> |
| <u>Signatope</u> | <u>Signatope develops highly specific and cross-species assays for the detection of protein biomarkers in biological fluids to predict drug toxicity in drug development.</u> |



| Company | Information |
|---------------------------------|--|
| | Enzymes & Manufacturing |
| <u>c-Lecta</u> | <u>c-Lecta is an innovative industrial biotechnology company specialized in the discovery, optimization and production of enzymes based on proprietary technologies.</u> |
| <u>Cysal</u> | <u>Cysal produces dipetides for nutritional and medical applications using biotechnological processes.</u> |
| <u>evoxx</u> | <u>Evoxx GmbH operates within the field of industrial biotechnology with the aim of customized biocatalysts for the production of chemicals with a high degree of purity.</u> |
| <u>Hapila</u> | <u>Hapila's counter-current crystallisation process provides a cost effective procedure for purification of active pharmaceutical ingredients, completed by experience in synthesis and particle design.</u> |
| <u>m2p-labs</u> | <u>M2p-labs offers an innovative high-throughput micro-bioreactor that empowers customers to screen multiple cell lines or strains online, fast and cost-effective for growth and expression levels.</u> |
| <u>numaferm</u> | <u>Numaferm offers a platform technology to biotechnologically produce peptide for various purposes.</u> |



Company

Information

Chemistry / Water

Dust BioSolutions

Dust BioSolutions applies biotechnology in the mining industry to control dust cheaper & greener than current methods by turning sand into stone using a bacterial solution.

i3 Membrane

i3 Membrane develops, manufactures and distributes a new, environment-friendly metallic membrane for laboratory and biotechnological applications.

WPX

WPX Faserkeramik GmbH significantly improves energy efficiency and product quality in industrial heat treatment processes for metals by providing oxide fiber ceramic components made of patent registered Whipox® high performance ceramics

Drug Delivery + Green Biotech



Company

Information

Drug Delivery

Lipocalyx

Lipocalyx markets the next generation of polymer-based siRNA transfection reagents for applications in research and in vivo.

Rodos

Development of novel therapeutic approaches addressing infectious and autoimmune diseases as well as cancers via immune cell-specific targeting.

Sirion

SIRION produces genetically modified cells and is a technology provider in the area of viral vector systems. The RNAi-specialist aims at developing optimized cell systems for vaccine, antibody or protein production.

Thermosome

Thermosome develops novel drugs for locally-advanced solid tumors by using nanocarriers for heat-induced local drug delivery and thereby reaches up to 15 fold higher local drug concentrations.

Green Biotech

Oaklabs

Oaklabs develops highly reliable diagnostic DNA plant trait markers. By increasing predictability of complex traits, breeders take advantage of smart breeding methods and speed up the development of new varieties.

Subitec

Subitec is able - based on a patented photobioreactor - to mass-cultivate microalgae by using industrial CO2-sources and solar energy. It allows to produce numerous valuable substances at economically unrivalled conditions (e.g. biofuels).

Computomics

Computomics specializes in the software development for plantbased NGS-Analysis of DNA, RNA and transcriptom for use in experimental designs up to complex interpretations.



| Company | Information |
|------------------------|---|
| Fintec | |
| <u>Bitwala</u> | <u>Bitwala is a next generation bank account and the smartest way to send money easy, cheap and fast. We enable consumers to send and receive multiple currencies worldwide.</u> |
| <u>Figo</u> | <u>figo is the "Dropbox" for your personal financial data. All your banking accounts, credit cards and wallets like PayPal will be aggregated into one figo account and will be securely saved in a banking data center.</u> |
| <u>FundFlow</u> | <u>Fundflow helps companies to maintain their liquidity by buying their accounts receivable. The holders of said claims can sell them directly on fundflow.de and receive their money on the next working day, minus a fee that is calculated depending on the debtor and payment deadline.</u> |
| <u>Givve</u> | <u>givve® ia an exclusive provider of individually designed prepaid open-loop card especially for corporates based on a MasterCard®.</u> |
| <u>Mobilversichert</u> | <u>Mobilversichert offers management of all customers insurances within one app.</u> |
| <u>Payever</u> | <u>payever was founded to make commerce easier for businesses of all types and sizes. The company provides a modular SaaS solution to sell everywhere and accept all payments.</u> |
| <u>SE.M.LABS</u> | <u>SE.M.LABS is a full service SaaS provider for usage-based billing models, using Industry 4.0 and IoT</u> |



| Company | Information |
|-------------------------------------|---|
| Real Estate & Legal Tech | |
| <u>Casavi</u> | <u>casavi offers a digital communication and service platform for property management companies. By connecting landlords, tenants and residential service providers the casavi solution enables more cost-effective customer service processes while increasing customer satisfaction at the same time.</u> |
| <u>Coredinate</u> | <u>Coredinate is a Software-as-a-Service application, that enables service companies such as security, maintenance and cleaning services to do their work more efficiently and safer.</u> |
| <u>IPlytics</u> | <u>IPlytics offers an online-based market intelligence tool (IPlytics Platform) to analyse technology trends, market developments and a company's competitive position.</u> |
| <u>Sablono</u> | <u>Sablono offers innovative software solutions to enhance the planning, execution and controlling of construction projects. With Sablono Onsite the development of a project can be reported on a mobile device and be analyzed in real-time.</u> |



Company

Information

Marketplaces

99chairs

99chairs is bringing aesthetical interior design to everyone's home: The customer gets personal advice and receives a design concept tailored to his needs. The preferred pieces from the concept can comfortably be ordered online.

JUNIQE

Founded in January 2014, Juniqe is a Berlin-based e-commerce site that specialises in art prints, apparel and accessories. Art lovers can discover new designs by independent artists every day.

Makerist

makerist brings efficiency to this sewer-, knitter- and co.-markets by bringing everything together on the first destination site for crafting and creative hobbies in Europe.

StyleRemains (Rebelle)

StyleRemains (Rebelle) is an online market place for second hand designer fashion. In addition to articles offered by private users, selected boutiques offer their products.

Shops

Dormando (Bettzeit)

Dormando is an online retailer where customers can purchase everything for a healthy sleep, such as: mattresses, slatted frames, beds, beddings and much more. Our goal is to find the perfect mattress for everyone.

Mister Spex

Mister Spex is the largest online retailer for designer glasses in Germany. The company offers a wide variety of high quality glasses, sunglasses, sport glasses as well as contact lenses, that can be bought at fair prices via Internet.

Outfittery

Outfittery takes the pain out of shopping for men by providing the first personal shopping service for customers, who want to be dressed well, but hate shopping.

Yorxs

Yorxs as an online diamond jeweler has the mission of bringing transparency into this highly non-transparent market.



Company

Information

Recruiting

Jobleads

JobLeads is the first quality controlled online recruiting channel allowing companies to systematically use the power of personal referrals to get cheaper and faster access to highly qualified candidates.

MoBerries

MoBerries is an on demand recruitment network. The largest talent pool of actively looking, referred candidates. All member companies exchange candidates for urgent to be placed positions.

MobileJobs

mobileJob is the innovative recruiting solution ready to revolutionize the whole recruiting market following the premise of mobile first! We provide an easy and fast way to bring blue-collar workers into new and promising jobs.

Support

Clickworker

clickworker offers scalable solutions relating to text creation and optimization, web research, product data maintenance, surveys, categorization and tagging in 18 languages and in more than 30 target markets.

looline

looline's cloud-based application expands the core of Human Resources into a lever of strategic company management, by linking data on the performance, potential and satisfaction of individual employees.

Maxment

maxment® is an innovative web-based software tool (SaaS) that helps companies in their personnel development to significantly enhance the transfer of classroom learnings to the workplace and thereby their ROI on the training investments.



Company

Information

Mobility

coModule

coModule is the OEM supplier of connected vehicles technology for light electric vehicle manufacturers. The solution includes communication hardware, mobile application and online analytics platform.

predict.io

predict.io allows drivers to find free street parking. Once the app is installed it automatically detects when the driver parked and when he is about to vacate the spot. Local parking communities thus help each other to find free parking.

3D-Printing

All3DP

The English-language platform on All3DP.com provides consumers and small business users with guidance and practical information and tips as well as a curated marketplace of 3D printable designs and objects.

Print2Taste

3D-printer incl. app to print food.



Company

Information

Publishing

gravit

Gravit develops an innovative web-based design software (Gravit Designer) that allows everyone to create effortlessly all kinds of professional design, including web and screen design, mobile design, logos, flyers, business cards and more.

locr

Geotagging of fotos: Internet platform and clients for mobile devices.

make.tv

The make.tv Live Video Cloud enables broadcasters to systemize content acquisition, aggregation, qualification and selection of contributed footage to get the right content from different user groups and new sources.

PressMatrix

PressMatrix delivers print products on mobile devices.



| Company | Information |
|-------------------------------|--|
| Health & Lifestyle | |
| <u>Asanayoga</u> | <u>ASANAYOGA is a leading online player for Yoga. The company focuses on providing the best content, products and services in the yoga vertical. ASANAYOGA is offering an online magazine, a yoga shop and a yoga coaching app called Asana Rebel.</u> |
| <u>eGym</u> | <u>eGym designs, manufactures and sells modern high-tech products for the fitness market. The products include fully electric fitness machines, the eGym PREMIUM software, the eGym trainer app and eGym.de – the hub for personal fitness online.</u> |
| <u>evalu</u> | <u>Intelligent training software that enables athletes to exercise in a healthy and professional way by utilizing data from a textile in-shoe force sensor.</u> |
| <u>FooBoo</u> | <u>FOOB00 runs one of the largest and most active food-communities in the German speaking world. It combines 370,000 members with a database of 57,000 recipes, pictures, videos and menus.</u> |
| <u>Mobilebits</u> | <u>Editor and developer of games for appstores (iPhone, Google Android), based in Hamburg. The delta engine enables to develop games for all kind of appstores while working with Windows and thereby to maintain cost advantages ranging from 50-70% per platform.</u> |
| <u>Skoove</u> | <u>Skoove makes music education fun, effective and accessible for everybody. With Skoove's interactive apps anyone can learn to play piano and guitar. Go to www.skoove.com and join the world's first interactive online piano courses.</u> |



Company

Information

Travel

bookingkit

bookingkit offers online booking solution for activity providers.

Customer Alliance

Customer Alliance is a software-as-a-service solution for hotel review management. Customer Alliance enables hotels guests to write a review after their stay.

HQ Plus

HQ plus – the new generation of competitive intelligence for hotels.



Company

Information

AdTech

Adtriba

AdTriba offers a “single point of marketing truth” through simple cross-channel management while increasing marketing performance with data-driven attribution modelling.

Crealytics

Crealytics enables leading international e-commerce companies to drive performance in product advertising and paid search globally in more than 20 languages. Crealytics’ semantic technology automatically creates and optimises millions of tailor-made ads, helping our partners make advertising more profitable.

linkbird

linkbird offers a SaaS-solution for the professional link management within companies: It supports companies with the planning, implementation and success evaluation of their link building processes.

Simplaex

Simplaex s is a distributor for online games and supports game developers with an independent publishing platform. Pportals, gaming sites etc. use GG’s services as white label solutions to offer their own online games portfolio.

Semasio

Online advertising targeting platform for media agencies and large advertisers.



Company

Information

Retail Intelligence

itembase

itembase developed a web application that tracks more than 2,5 million purchases a month and that helps more than 15.000 web retailers increase their margins through using the full set of itembase e-commerce solutions.

Inventorum

Inventorum offers an innovative and efficient solution for local retailers to meet the modern demands of an integrated online and offline presence.

metoda

metoda provides a tool for e-commerce participants to monitor prices, analyze the market, and optimize the profit. Retailers can also identify new products and plan inventory levels based on actual demands.

minubo

minubo is an eCommerce Intelligence "as a Service" solution particularly developed to meet online retailers specific analytics requirements.

POSpulse

POSpulse is a POS analytics company that quickly delivers transparency over the real situation at the POS to suppliers and retailers - through exhaustive real-time analyses based on crowdsourcing.

Stocard

Stocard's innovative and easy-to-use app allows customers to use their smartphone as a mobile wallet for their cards. Simultaneously, it provides a very effective mobile direct marketing channel for retailers to reach highly valuable customers.



Company

Information

Marketing

crossvertise

crossvertise is the first marketplace for online and offline advertising media, where advertisers and agencies get free access to comprehensive sector news and have the possibility to book all kinds of media directly online.

TrackScale

TrackScale is the agency for performance advertising marketing: supplement marketing & sportsponsoring and mobile-/ online-marketing.

uberMetrics

uberMetrics provides cutting-edge media monitoring technology. A Software as a Service solution (SaaS), uberMetrics DELTA allows businesses to automatically monitor conversations about products, brands and topics on all media channels.



Company

Information

Search

SEMKNOX

SEMKNOX offers a smart semantic product search that allows online shop visitors to search for products in everyday language.

Urge IO (VERSUS)

VERSUS IO is world's first & only multi-language all-algorithm and big data driven content provider generating natural text fully automated.

Communication

CommSolid

CommSolid is an independent design house serving the established global cellular and emerging IoT markets with solid communication solutions. CommSolid can handle high volume and extremely integrated low power solutions.

NFON

NFON AG offers a powerful hosted PBX (Private Branch Exchange) service. Customers enjoy all functions of a "high-end" PBX, without the necessity of high investments. Customers will also benefit from superior new features.

Smoope

Smoope „Service To Go“ is an app which connects businesses to their customers via instant messaging. The versatile web app for businesses and a mobile app for customers create new B2C communication in the age of the mobile consumer.

| Company | Information |
|-----------------------|--|
| Sustainability | |
| <u>EcoIntense</u> | <u>EcoIntense is developing a comprehensive, web based information system for environmental management and occupational safety. The technology and the modular set-up allow to master the challenges in these fields with one single system.</u> |
| <u>Flowtify</u> | <u>Flowtify developed a paperless solution for HACCP documentation in companies. The Software supports the seamless and traceable implementation of hygiene documentation according to EU regulation 852/2004.</u> |
| <u>WeSustain</u> | <u>Sustainability is the next competitive frontier in many industries. WeSustain has developed a software solution (SaaS) that supports large enterprises measuring, improving and communicating their sustainability performance.</u> |
| Social | |
| <u>Altruja</u> | <u>Altruja offers modern online donation-tools which can easily be integrated in every page.</u> |
| <u>famPLUS</u> | <u>famPlus, a social care matching service for company employees. The quality controlled, standardized online platform allows to easily identify the appropriate care giver and a taylor made matching based on personal needs of the working parents.</u> |



| Company | Information |
|---------------------------|---|
| Data Analytics | |
| <u>AltusInsight</u> | <u>AltusInsight GmbH is focused on making the handling of large amounts of data easy and accessible for everybody.</u> |
| <u>ConWeaver</u> | <u>ConWeaver develops and markets solutions for dynamic linking and exchange of company-wide, heterogeneous engineering and manufacturing data spanning system, language and process boundaries.</u> |
| <u>Data Virtuality</u> | <u>Data Virtuality is a B2B software that integrates the variety of Big Data. It acts as an intelligent data hub - connecting any data, any system, any time and cuts your ETL and connector expenses by up to 80% and boosts your speed to market.</u> |
| Business Analytics | |
| <u>Implisense</u> | <u>Implisense helps companies in the B2B business to more easily find new customers and retain existing customers.</u> |
| <u>Wetransform</u> | <u>There are more than 25.000 standards for data exchange. wetransform makes it easy to integrate complex systems with its data-driven design and transformation platform and enables experts to create better specifications for data exchange.</u> |



| Company | Information |
|-----------------------------------|---|
| AI | |
| <u>enercast</u> | <u>enercast is a specialist in the field of renewable energies forecasts. Precise performance forecasts and predictions for wind and solar power plants allow the integration of wind and solar energy into electricity grids and energy markets.</u> |
| <u>everybag</u> | Everybag has developed a product recognition technology that allows users to find a product captured by with their smartphone camera and to order it with just a few clicks. |
| <u>predict.io</u> | <u>predict.io allows drivers to find free street parking. Once the app is installed it automatically detects when the driver parked and when he is about to vacate the spot. Local parking communities thus help each other to find free parking.</u> |
| <u>Pylba</u> | <u>Pylba develops mobile apps for news that are automatically summarized into short texts and ranked by relevance. Pylba's technology is available trough Pylba's own app "Simply News" and trough white label services to publishers.</u> |



| Company | Information |
|---------------------------|---|
| IT-Security | |
| <u>baimos</u> | <u>With a focus on the development of novel solutions in the field of digital identification baimos technologies offer highly usable and secure systems for the management of access- and user-authentication.</u> |
| <u>Graylog</u> | <u>Graylog provides service and support for the open source Graylog solution which stores, searches, and analyzes machine data collected from IT infrastructures and applications.</u> |
| <u>Hornetsecurity</u> | <u>Hornetsecurity provides cloud based security services to business customers – worldwide and 24/7.</u> |
| <u>ondeso</u> | <u>The ondeso software suite offers tamper-proof, completely documented, release and patch management for computer systems used in production. It minimizes downtime, enhances production safety & enables preventive maintenance.</u> |
| <u>Protected Networks</u> | <u>Holistic access rights management for IT infrastructures: Visualization, analysis, recommendations, reporting and optimized administration (controlled by workflows) of access rights within different IT systems.</u> |
| <u>SciEngines</u> | <u>SciEngines offers massively parallel FPGA based Computers as a platform technology for Software vendors to accelerate their existing algorithms and software.</u> |
| <u>SSP Europe</u> | <u>SSP Europe offers its business customers an alternative model for operating IT security. The modular product portfolio is scalable for companies of whatever size – for small businesses just as for groups with more than 10,000 employees.</u> |
| <u>VMRay</u> | <u>VMRay’s monitoring and analysis technology utilizes advanced hardware-virtualization for the analysis of malware, such as regular viruses, worms, trojans, spyware, but also complex and sophisticated kernel rootkits and bootkits.</u> |

Cloud-Infrastructure (1/2)



| Company | Information |
|--------------------------|---|
| IT-Infrastructure | |
| <u>cloudplan</u> | <u>cloudplan develops a next generation file storage solution that can replace central storage based products such as dropbox™, local NAS (Network Attached Storage) etc..</u> |
| <u>cubical</u> | <u>Cubical develops and produces state-of-the-art hardware terminals for cloud computing and virtual desktops.</u> |
| <u>eddyson</u> | <u>eddyson GmbH provides solutions for the digital exchange of documents between any two companies. Its solutions cover all EDI processes and suited specifically to answer needs of the B2B e-Commerce.</u> |
| <u>Grandcentrix</u> | <u>On-Demand App Engine for strategic Mobile Business, Mobile Analytics and large scale mobile services. Device- and carrier-agnostic.</u> |
| <u>Incapptic Connect</u> | <u>Incapptic Connect simplifies the data exchange with external developers. incapptic Connect signs automatically with your enterprise's private keys. incapptic Connect is compatible with popular app distribution systems such as MobileIron, Apple App Store and Google Play.</u> |
| <u>gridscale</u> | <u>gridscale offers its customers a wide variety of options for highly available and reliable Infrastructure-as-a-Service (IaaS) components like a virtual cloud server, storage and network resources that can be furthermore, easily connected to its own complementary Platform-as-a-Service (PaaS) components, such as a loadbalancer, firewall and S3 solutions.</u> |
| <u>Quobyte</u> | <u>Quobyte's software-based storage system enables enterprises of all sizes to fulfill all their storage needs with one software-defined and unified storage platform running on off-the-shelf server hardware.</u> |
| <u>RAIDBOXES</u> | <u>RAIDBOXES is specialized in WordPress hosting and provides a service for internet professionals, webdesigners and internet agencies that optimizes their websites and reduces administrative and technical working hours.</u> |
| <u>Replex GmbH</u> | Replex develops a solution for monitoring IT infrastructures to optimize the utilization of available resources. |

Cloud-Infrastructure (2/2)



| Company | Information |
|-----------------|--|
| <u>Tixel</u> | <u>Development and marketing of systems for high speed and reliable data transfer over wide area networks. Tixel's TIXstream-technology offers the world's highest data transfer rates.</u> |
| <u>tocario</u> | <u>tocario develops and delivers enterprise software for private and public cloud providers to enable virtual desktops as a cloud service.</u> |
| <u>tracekey</u> | <u>tracekey offers a smart and lean track and trace solution as a Software-as-a-Service (SaaS) which enables customers to make each product unique, distinctive and unequivocally verifiable in order to create and document an unbroken traceability.</u> |



| Company | Information |
|---------------------------|--|
| Productivity Tools | |
| <u>Conceptboard</u> | <u>Bringing Concepts to Life – Flexible online workspaces simplify team collaboration and help.</u> |
| <u>Filestage</u> | <u>Filestage is a web application to share, review and approve media content with teams and clients. Instead of sending emails back and forth, reviewers annotate their comments and change request directly inside the file. Revisions in Filestage are easy, efficient and clearly documented. Filestage supports reviews of videos, audio files, documents and designs.</u> |
| <u>Userlane</u> | <u>Userlane provides a technology to create step-by-step guides within minutes, without any coding or having to change the underlying software. This allows customers to implement and adapt interactive guides in every part of their existing software without implementation effort</u> |
| <u>Veodin</u> | <u>Veodin is building productivity tools for management consultants and other users of Microsoft Office Products: KeyRocket teaches keyboard shortcuts, SlideProof analyzes presentations and offers options to remove inconsistencies.</u> |
| <u>virtualQ</u> | <u>virtualQ® provides a software for call centers that avoids time on hold for callers and solves problems with peak management and reduces phone line costs for companies.</u> |
| Developer Tools | |
| <u>Codetrails</u> | <u>Codetrails’ tools analyze existing code and extract from it the common patterns that showcase how other developers have solved a problem before. The tools then automatically present patterns matching the task at hand to the developer.</u> |
| <u>Yatta</u> | <u>Yatta Solutions specializes in model-driven software development and supplies programming tools providing complete round-trip engineering without data loss, thus resulting in significant savings in cost.</u> |

Energy-Generation / -Storage + Recycling



Company

Information

Energy-Generation / -Storage

Custom Cells Itzehoe

Custom Cells Itzehoe manufactures customer-specific accumulators based on lithium battery technology.

Heliatek

Founded in 2006 as a spin-off from the Universities of Dresden and Ulm, Heliatek GmbH is the global technology leader for organic solar cells.

Recycling

saperatec

Saperatec splits up multilayer materials for the recovery of valuable and scarce materials. The micro-emulsion based technology was optimized for the recycling of packaging materials, beverage cartons as well as laminated safety glasses.

Subitec

Subitec has developed technology for the production of microalgae at industrial scale. Parts of the biomass are used for food supplements, cosmetics and feed – the rest energetically as biogas and biodiesel.

Water + Enzymes-Plattformen & Specialties



| Company | Information |
|--|--|
| Water | |
| <u>akvola Technologies</u> | <u>Akvola Technologies sells water treatment plants equipped with akvoFloat™, an energy-efficient flotation-filtration process based on ceramic materials, for desalination and industrial wastewater treatment.</u> |
| <u>Dust BioSolutions</u> | <u>Dust BioSolutions applies biotechnology in the mining industry to control dust cheaper & greener than current methods by turning sand into stone using a bacterial solution.</u> |
| Enzymes-Plattformen & Specialties | |
| <u>c-Lecta</u> | <u>c-Lecta is an innovative industrial biotechnology company specialized in the discovery, optimization and production of enzymes based on proprietary technologies.</u> |
| <u>evoxx</u> | <u>Evoxx GmbH operates within the field of industrial biotechnology with the aim of customized biocatalysts for the production of chemicals with a high degree of purity.</u> |



| Company | Information |
|-----------------------------|--|
| Food & Nutrition | |
| <u>Cysal</u> | <u>Cysal produces dipetides for nutritional and medical applications using biotechnological processes.</u> |
| <u>Fodjan</u> | <u>Fodjan is the SaaS solution to calculate animal feed in agriculture and provides an online trade for fodder.</u> |
| <u>PerformaNat</u> | <u>PerformaNat developed an animal-feed additive for use with dairy cows.</u> |
| Enabler | |
| <u>EcoIntense</u> | <u>EcoIntense is the leading supplier of the globally established SaaS platform EcoWebDesk®, the standard solution for managing health, safety and environmental challenges.</u> |
| <u>Hapila</u> | <u>Hapila's counter-current crystallisation process provides a cost effective procedure for purification of active pharmaceutical ingredients, completed by experience in synthesis and particle design.</u> |
| <u>SOTA Solutions</u> | <u>Intelligent solutions with auto adapting optimization software using a predictive and prescriptive analytics platform technology.</u> |



Company

Information

3D-Printing / Lithography-Technologies

Interposers

The company Interposers GmbH is developing a printed wiring interposer as an intermediate layer for the 3D integration of micro electronic components.

IQ evolution

Development and production of micro cooling devices for high power diode lasers as well as for semiconductors in general. This includes LED, power electronics and processors. Use and development of the platform technology "Micro SLM".

Limata

Innovative direct imaging systems for manufacturers of PCB and stencils.

Mecuris

Mecuris enables the individual and custom-made production of orthopaedic aids by means of an intuitive web-based platform and subsequent manufacturing using 3D printing. This includes orthoses and prostheses, as well as equipment such as covers for below-knee prostheses.

MPO - Multiphoton Optics

Multiphoton Optics develops 3D laser lithography systems for the automated production of optical packages and offers prototyping and manufacturing services.

Surface-Technologies + Composite materials & fibers



Company

Information

Surface-Technologies

Bubbles&Beyond

bubbles & beyond has developed a unique technology platform that enables the design, fine-tuning and stabilization of liquids (nanoemulsions, microemulsions and phasefluidsystems) as well as special foams, so called "intelligent fluids".

i3 Membrane

i3 Membrane develops, manufactures and distributes a new, environment-friendly metallic membrane for laboratory and biotechnological applications.

Notion Systems

Notion Systems GmbH focuses on additive manufacturing and sells high-tech industrial inkjet printers along with according automation and positioning equipment.

Composite materials & fibers

Compositence

Compositence offers innovative platform technology combining the fully automatic and low-cost mass production of composite components with maximum flexibility in the fibre architecture.

JeNaCell

JeNaCell is a specialist for high-quality biological synthesized nanocellulose (BNC) with defined forms and controlled nanostructures. Markets: wound dressing, cosmetics, filters.

WPX

WPX Faserkeramik GmbH significantly improves energy efficiency and product quality in industrial heat treatment processes for metals by providing oxide fiber ceramic components made of patent registered Whipox® high performance ceramics



Company

Information

Breeding- and Protection-Solutions

Computomics

Computomics specializes in the software development for plantbased NGS-Analysis of DNA, RNA and transcriptom for use in experimental designs up to comlex interpretations.

multiBIND

multiBIND develops a biological decontamination and disinfection system for molecular biology, biotechnology, hygiene and agro-chemistry.

Oaklabs

Oaklabs develops highly reliable diagnostic DNA plant trait markers. By increasing predictability of complex traits, breeders take advantage of smart breeding methods and speed up the development of new varieties.

Animal Health

PerformaNat

PerformaNat is focused on the development of innovative feed additives to meet the increasing demands of livestock

Sensors & Simulation

WeSustain

WeSustain develops software for small- and large scale enterprise sustainability management.