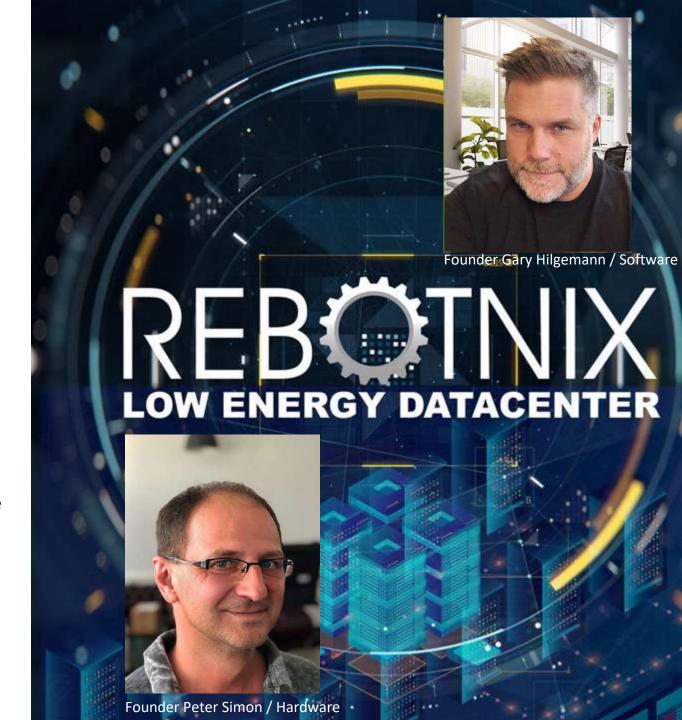# "The value of innovation is measured by what it delivers."

2o21

In industry, the importance of artificial intelligence is growing rapidly. To remain competitive, companies need AI hardware and software as a service. The fact that these solutions have a high energy consumption is often forgotten.
To sustainably address the change driven by AI, companies need the support of high performers.

The REBOTNIX Low Energy Datacenter provides this support in the form of a new generation of highly optimized and sustainable software and hardware. Starting from the center of the Ruhr area / at ZfP Dortmund, Europe will take the top position in the race for AI applications.

REBOTNIX

Founder Gary Hilgemann / Software

Founder Peter Simon / Hardware

"Electricity efficiency is the future."

Up to 16 power- and space-saving GUSTAV nodes can be installed on one rentable unit.

Using the computing capacity generated by this system, companies can develop significantly faster and more cost-effective solutions.

Companies can either use the available computing capacity themselves, or immediately use the models already available as a service.

Example of GUSTAV AI Cluster Nodes

LOW ENERGY IN EVERY STEP

REBOTNIX

Performance Property at a Glance

REBOTNIX® Low Energy Data Center

The Low Energy Data Center portfolio delivers production-ready AI models as a service. These can be easily integrated into any corporate structure.

The distribution algorithm developed by REBOTNIX enables optimal load distribution between public or even private networks.

GUSTAV

Operates between 5 and 30 watts. Comparable systems consume up to 300-800 watts.

Up to 700,000 parallel requests can be processed per unit.

PRIVACY

Provides protection via a decentralized global Internet connection architecture.

REBOTNIX

"Clean cities through secure data."

Powered by REBOTNIX® Low Energy Data Center

One of the first applications REBOTNIX has collected during the development of safe, efficient and sustainable AI solutions for cities. GUSTAV SMART CITY SOLUTIONS is a complete solution consisting of software, hardware for an image recognition application within a city. The system can be permanently installed on an existing waste collection vehicle. The system stores signs or markings relevant for waste disposal. Faces or license plates are reliably rendered unrecognizable.

All relevant data is recorded and securely processed directly in the vehicle. At the end of the day, the system transmits the results to the interfaces of a commercial enterprise. Municipalities thus receive daily updates on road conditions, traffic signs, road works or traffic reports at hot spots. The system considerably relieves the dispatchers of a business operation. All models are developed by the REBOTNIX Low Energy Data Center and continuously optimized with sustainability in mind.

Since 2016, REBOTNIX has been one of four officially certified partners of the US corporation NVIDIA™, the world market leader for powerful AI processors and provider of a GUSTAV system, located in Germany.

REBOTNIX

"Further services in REBOTNIX Data Center"

Stand: 2o21

VOICESURFER

Automatically translates an audio track in any video file into up to 16 languages. An AI-based interpreter with a virtual sound studio becomes a reality.

HTTPS://VOICESURFER.COM

PRIVACY

Anonymizes reliably and cost-efficiently any face or license plate number automatically. This turns a camera into a DSGVO-compliant and secure sensor in public spaces.

HTTPS://PRIVACY.REBOTNIX.COM

VISIONTOOLS

Is a software for the creation and simulation of high quality AI models. The software is able to capture the real CO2 consumption in relation to the energy cost and accuracy of the particular AI model.

HTTPS://REBOTNIX.COM/VISION-TOOLS

REBOTNIX
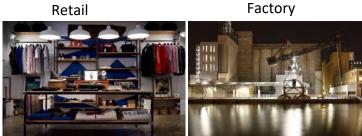
"Network effects through digital platforms"

REBOTNIX® Low Energy Data Center

Digital platforms are much more than just social media. Of the ten most valuable companies in the world, seven are digital platforms. All of these companies are located outside Europe. They are search engines, media and communications platforms, and cloud applications for industry. They all have the unification of data with services in common.

The REBOTNIX Low Energy Datacenter offers digital platforms, which can be used cost-efficiently by the industry sectors trade, logistics, energy, smart city and others. Companies can also build their own platform with the tools of the REBOTNIX Low Energy Datacenter.

Healthcare

Energy & Mining

Retail

Factory

Agriculture

Smart cities
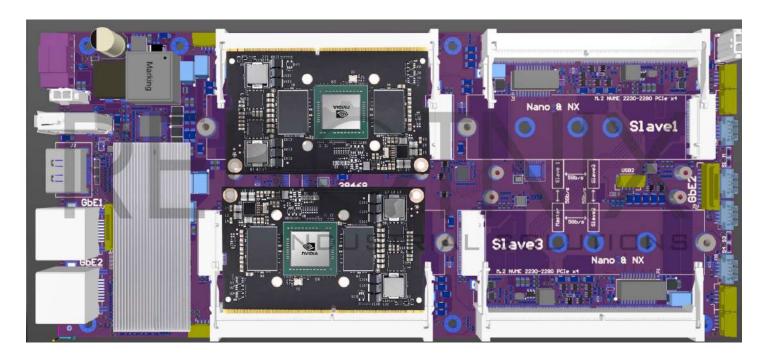
REBOTNIX

"To the point"

The REBOTNIX® Low Energy Datacenter offers

- Companies that need hardware, software and the necessary expertise for efficient, CO_2-saving and secure AI solutions.

- Credibility and trustworthiness through over 100 successfully implemented projects.

- Faster and more cost-effective solutions supported by innovative technology.

- Future potential through digital platforms.

- Prospects for Europe and Germany on the international AI market.

REBOTNIX

"The future today till 2024"

The REBOTNIX® Low Energy Datacenter offers

Our VISION for 2022 is a four-fold system consisting of a modular plug-in system.

The systems increase the space requirement once again while at the same time increasing the computing capacity.

The modules can be different from their performance class. The transfer always works from a master to slave or from slave to master.

The factor will increase by 200 times by 2024 without the high investment costs for the motherboard.

We will be able to run up to 70 different AI models per module. 280 AI modules inside on the motherboard. This means more service, more revenue and extremely low operating costs.

REBOTNIX

HTTPS://REBOTNIX.COM/DATACENTER

Customers

REBOTNIX