



boot.AI

AI ON DEMAND FROM THE CLOUD

Artificial intelligence (AI) is all the rage: According to the Boston Consulting Group, nine out of 10 companies plan to integrate AI into their business strategy within the next three years. However: More than one in three managers stated that they did not have enough competence in the AI area.

boot.AI wants to change that. The start-up's goal is to activate artificial intelligence in companies – even those where, at first glance, no relevant data is processed. The Düsseldorf-based company's motto is that everyone can benefit from AI. boot.AI develops intelligent software to simplify or accelerate processes – and at the same time opens up completely new business fields for customers, which then generate additional revenue.

The start-up originally used Amazon Web Services for the development and operation of the AI. Its customers, however, had higher demands when it came to data protection and data security. That prompted founder Florian Schild to search for a new cloud solution – and he chose Open Telekom Cloud, Deutsche Telekom's public cloud solution.

AT A GLANCE

The Task: boot.AI was looking for a secure cloud solution to develop the AI and operate the resulting platforms. However, Amazon Web Services' public cloud did not meet the high data protection and data security requirements of German corporate customers.

The Solution: boot.AI uses IT resources from the Open Telekom Cloud. For the AI, the start-up uses Bare Metal Servers with Graphic Processor Units (GPUs), as well as the Document Database Service. Florian Schild can thus flexibly book more capacities.

The Advantages: This allows boot.AI to process millions of data sets simultaneously without having to load them into the memory first. The start-up thus meets the high customer demands and also benefits from Telekom's multi-certified data centers and a cloud solution that also meets the requirements of the new GDPR.



LIFE IS FOR SHARING.

THE CUSTOMER: BOOT.AI

With the Düsseldorf start-up boot.AI, the name says it all: The two entrepreneurs, Florian Schild and Son Pham, want to boot artificial intelligence in companies – i.e. start, power up, activate. This is also true for companies that at first glance process little or even no relevant data. „Not everyone has a data or software-based business model,“ says founder Florian Schild. „But that doesn't really matter at all. Everyone can benefit from AI. It doesn't matter what a company does or which industry it belongs to.“ Whether for logistics companies, insurance companies or hotels: boot.AI develops intelligent platforms that simplify or accelerate processes.

THE CHALLENGE

Founder Schild was looking for a secure cloud solution to develop the AI and operate the platforms and he initially opted for Amazon Web Services. However, one of boot.AI's first customers – a German company in the medical sector – demanded a higher level of data protection and data security. „Companies that process highly sensitive data simply attach great importance to this,“ says Schild. „That's why we were looking for an alternative.“

THE SOLUTION

While attending a Telekom start-up event, company founder Florian Schild discovered the TechBoost Program and the Open Telekom Cloud. He was immediately convinced by the Bonn-based provider's multi-certified data centers and by Deutsche Telekom's reputation as a reliable partner.

Today, Schild uses Bare Metal Servers (BMS) from the Open Telekom Cloud, with 2 x 14 processor cores, 512 GB RAM and eight P100 Nvidia graphic cards. „This is perfectly suited to creating neural networks,“ says Schild. „Thanks to the many Graphic Processor Units (GPUs), we can process millions of data sets simultaneously without loading them into the memory. In this way, the results we achieve with our AI are very detailed and therefore of the highest quality. A mark of quality that sets us apart from our competitors.“ In addition, the start-up uses the Document Database Service (DDS) based on the protocol of the MongoDB NoSQL database. This allows users to create, monitor and scale database instances with just a few clicks using a management console. In addition, the service allows for the convenient management of information with different structures in a database.



Started programming self-optimizing Carrera cars at an early age: Florian Schild, founder and CEO of boot.AI

THE CUSTOMER BENEFITS

With the DDS, boot.AI can also use databases directly in the Open Telekom Cloud without having to book additional services. The databases scale automatically when data is added or removed. „The platforms we develop for our customers often result in a completely new line of business that generates additional revenue,“ says Schild. For example, an insurance company that wants to save printing costs with clever algorithms from boot.AI. The start-up develops a corresponding artificial intelligence that allows the insurance company to save money. That platform can then also be resold by the insurance company to other companies that also want to reduce their printing costs.

Going forward, Schild would also like to offer so-called Conversational Interfaces for virtual assistants such as Siri or Alexa. This would allow hotel guests to order room service, for example, without having to pick up the phone – they just place their order using intelligent voice control via the Open Telekom Cloud.

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PUBLISHED BY:

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