

# Company Profile

## SingularityNET



Cassio Pennachin



SingularityNET

### Website

[www.singularitynet.io](http://www.singularitynet.io)

### Industries

Artificial intelligence  
Blockchain

### Founder

Ben Goertzel  
Cassio Pennachin  
Simone Giacomelli  
David Hanson

### Foundation year

2017

### Legal form

Foundation

### Headquarters

Netherlands

### Key executives

Ben Goertzel  
Cassio Pennachin  
Simone Giacomelli  
Arif Khan  
Helen Amin

### Number of employees

95

### Past funding

USD 36 mn

We have created a novel protocol for networking AI and machine learning tools to form a coordinated artificial general intelligence, which provides applied AI services to commercial customers and functions as a globally decentralized commons infrastructure to benefit all.

### Product

SingularityNET is building three main pillars. First, the nonprofit SingularityNET Foundation is building a decentralized AI network on which global participants can create, share, and monetize AI services at scale. Second, Singularity Studio is working on AI infrastructure-as-a-service, to offer scalable and affordable cloud computing. Third, Singularity Studio is working on offering end-user applications to enterprise and consumer customers. By using the SingularityNET Foundation's decentralized AI network we will kickstart the network effects for the platform.

### The market

The global AI market size is expected to grow to roughly 90 bn U.S. dollars in 2025. Currently, the major uses of AI technologies include image recognition, object identification, detection, and classification, as well as automated geophysical

feature detection. The largest proportion of revenues come from the AI for enterprise applications area, making up roughly one-third of this market. SingularityNET aims to focus its business development efforts substantially on the AI for enterprise applications market going forward.

### What are the venture's key achievements to date?

SingularityNET AI is being used in a number of key verticals. First, our AI is being used in intelligent genomics where we provide scalable, multi-AI-algorithm analysis of genomics and other omics data related to aging and age-associated disease. Breakthrough results regarding the genomics of supercentenarian humans have been found using this technology in 2018, which will be patented and published. Second, AI algorithms for network analytics in order to study complex digital social networks, whether public or private, have been developed and are to be used as a basis for enterprise analytics products in Q3 2019. Third, we have developed an open-source AI-powered reputation and rating system to be used on various digital networks. Fourth, we have made great advances in the area of social robotics and human-machine interaction, most famously demonstrated in the Sophia AI Robot, whose intelligence will be considerably upgraded in 2019 via the use of Singularity Studio.

### What are the plans for future development?

We will be developing a new generation AI infrastructure-as-a-service (AllaaS) and hereby creating infrastructures that beat the performance, scale, flexibility, and cost structure of traditional cloud infrastructures. With our AllaaS, our enterprise customers will be able to use our end-user enterprise applications (such as AI personal assistants, either virtually deployed or integrated in robots like the Sophia AI Robot, and many more) deployed on any public or private server farm – offering them competitive AI solutions, high-performance computing, networking, storage, databases and more, as an integrated cloud applications and platform service.