Helios Neural Network

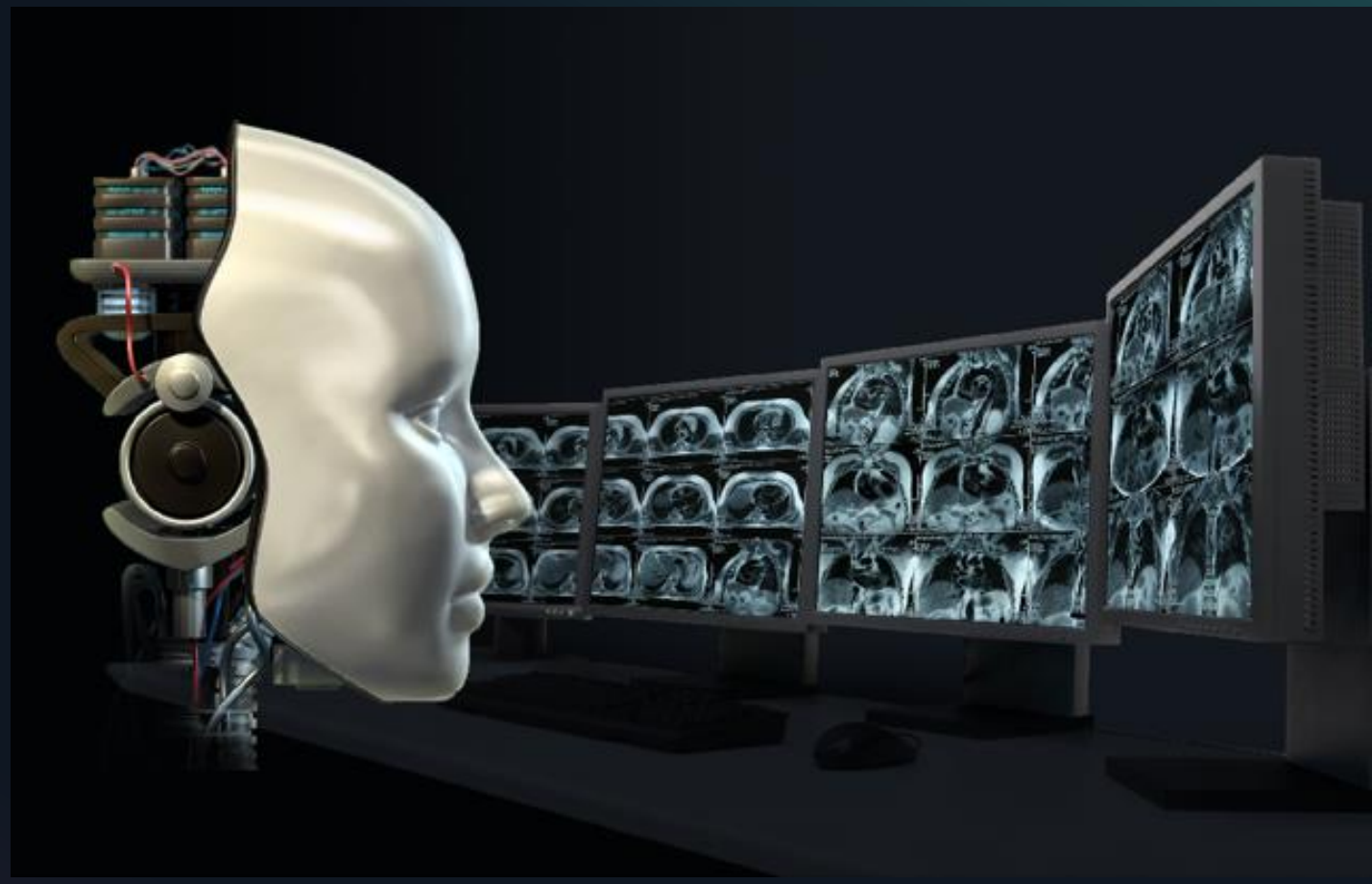
Introducing Helios Neural Network

Powering Artificial Intelligence on the Blockchain

What is Helios Neural Network?

Helios Neural Network is platform for storing and indexing data

Powered by a custom built blockchain the Helios Neural Network Platform delivers Indexable, decentralized data storage in industry standard formats to accelerate Machine Learning.



PROBLEM

A lack of quality data is restricting the advancement of Artificial Intelligence

- It's not only the quantity of data that is lacking but the quality.
- Data is currently in large closed Silos with no easy way to share between organisations.

SOLUTION

- The Helios Neural Network Platform incentivizes data creators to share their data in a simple industry standard manner.
- The Helios Data Market gives users of Artificial Intelligence applications access to vast quantities of quality indexed data.
- Helios Connect; our application range will allow existing Artificial Intelligence Applications to store and retrieve data from the Helios Market Place.

The Platform

Helios Neural Network is a platform consisting of multiple components

The Blockchain

Helios Neural Network utilizes a proprietary blockchain to facilitate actions between the components of the platform.

Helios Market

The interface where users are able to buy and sell data in exchange for HNN tokens.

Helios Connect

A collection of applications that interface between existing AI applications and the Helios Neural Network Platform.

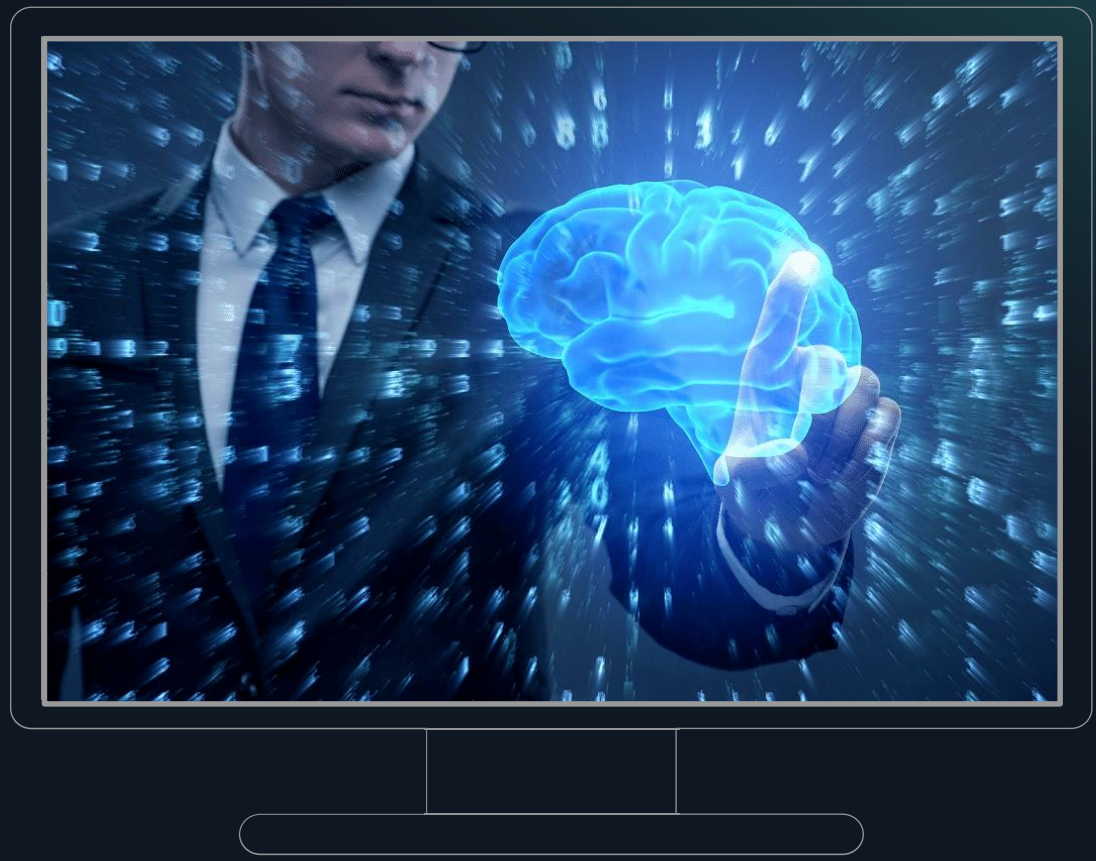
Helios Node

Distributed storage nodes where users exchange unused compute resources for HNN tokens.

PRODUCT

Helios Neural Networks product is Big Data

- Every year the amount of data we produce doubles
- Approximately 30% of the worlds data is generated from the Health Care Industry.
- This data if harnessed efficiently could result in approximately 300 Billion USD in cost reductions annually
- Less than 10% of the worlds data is currently being utilized in for insight and improvement
- Only 2% of data is shared between organisations leading to data silos that are largely inaccessible for research or AI



BUSINESS MODEL

Helios Neural Networks business model is the buying and selling of data with a focus on the Artificial Intelligence Industry

1

Professional Services

Helios Neural Network will generate approximately 5% of revenue from professional services including Helios Connect deployment and integration services.

2

Support

Approximately 10% of revenue will be generated by Enterprise Support contracts of the Helios Connect applications.

3

Data Sales

The vast majority of revenue; approximately 85% will generated by the reselling of big data to enterprise customers.

MARKET OPPORTUNITY

Helios Health Connect has the potential Capture data from the over 11 Billion Diagnostic Imaging studies conducted world wide each year.

$1.1 Billion

The Value With a conservative estimate of a 10% global catchment Helios Neural Network would only need to make 0.10 usd margin per exam sold to be a 1 billion dollar a year company. Each study is effectively acquired for free and resold multiple times.

$3 Billion

Cost Saving In the next 10 years Health Care providers could save over 3 Billion dollars annually by implementing Artificial Intelligence into their Diagnostic Imaging workflows. This could be expanded to over $100 Billion when including other health care applications outside of Diagnostic Imaging.

GROWTH STRATEGY

With a history of providing IT solutions to increase the quality of patient care, the Helios Neural Network Team have set the primary focus towards the Health Care Industry.

1

Helios Health Connect

Improving Patient Outcomes

2

Helios Automotive Connect

Providing the Data for Tomorrows Cars Today

3

Others

Expansion into other Industries

- Real Estate
- Finance
- Aviation
- Agriculture
- Law
- Manufacturing
- Education
- Energy and Mining

TIMELINE

2018

Internal Alpha

2018 has already seen the internal release of the Helios Neural Network Blockchain

2019

Helios Health Connect Beta

Early 2018 will see the public release of the Helios Health Connect Beta application

2019

Helios Neural Network Launch

Late 2019 will see the public launch of the Helios Neural Network platform, incorporating Helios Health Connect

2020

Helios Automotive Connect

2020 will see the launch of our second application Helios Automotive Connect

MM.DD.20XX

The Helios Team

Ricci Jandu

Chief Executive Officer

Matthew Funk

Chief Technology Officer

Pritpal Bansi

Blockchain Evangalist

Alok Jhamb

Chief of Medical Applications

Ash Jhamb

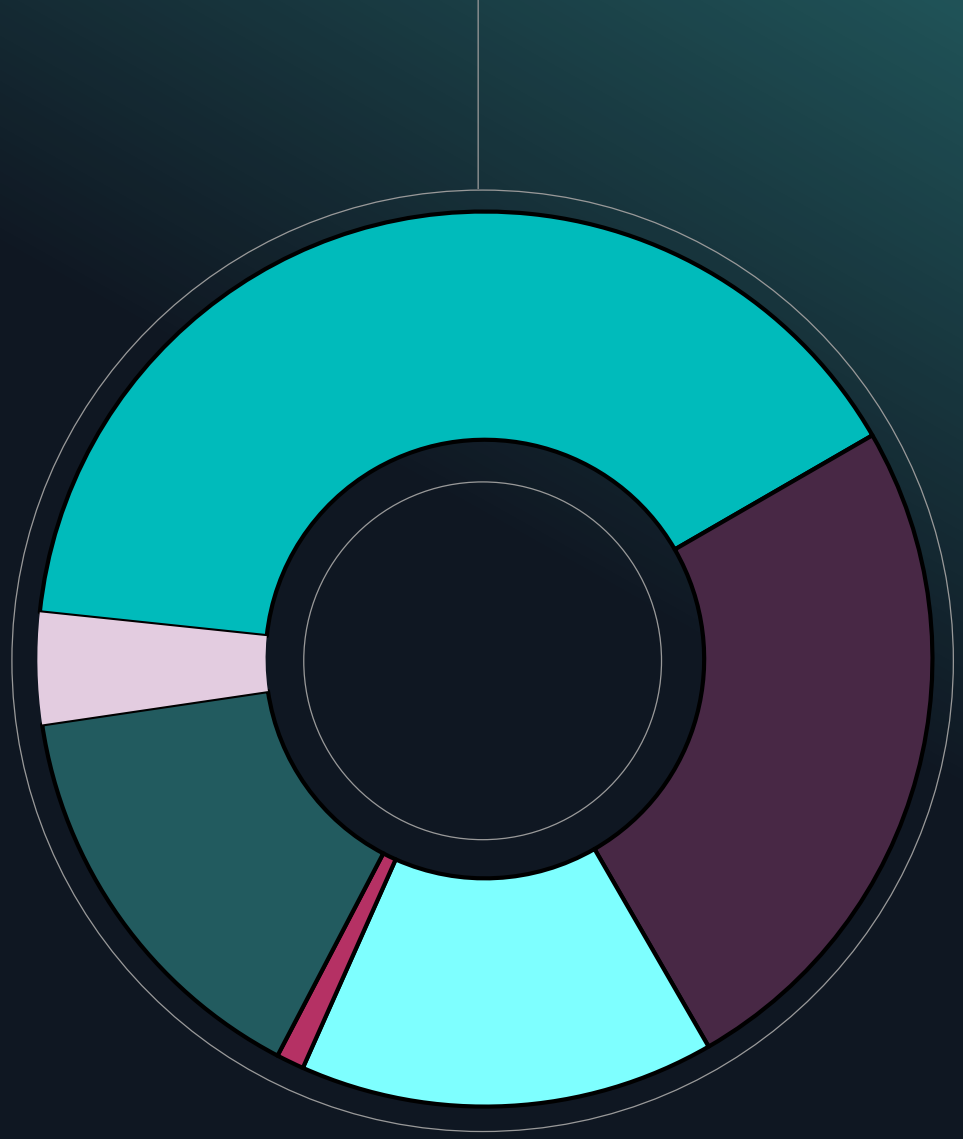
Chief Medical Information Officer

Darren Dawson

Chief Data Architect

FUNDING

Funding from the crowd sale will be used in the following distribution



$10,000,000
Development

$3,750,000
Marketing

$500,000
Legals

$3,750,000
Management

$6,250,000
Operations

$1,500,000
Exchanges

SUMMARY

Helios Neural Network will revolutionise data availability for Artificial Intelligence

- Make existing siloed data readily available
- Generate income for data creators
- Resell purchased data to users of AI applications
- Low overhead with resources provided by Helios Nodes
- Scalable from SME to Enterprise
- Platform based solution can be implemented for any industry relying on Artificial Intelligence

THANK YOU!

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APPENDIX

CASE STUDY

Imaging in the age of AI

In recent years, artificial intelligence (AI) gained entry into everyday life in various ways, from language recognition tools on smartphones to the analysis of financial transactions, to algorithms for self-driving cars, or for playing the strategic board game Go. Medical imaging, too, is likely to undergo a fundamental transformation in the near future. "It is easy to predict that AI will be increasingly implemented in medical imaging systems," Italian doctor Francesco Sardanelli commented in an editorial feature on dominant trends in radiology. Similarly, according to a recent poll, over 50% of global healthcare leaders expect the role of AI in monitoring and diagnosis to expand.

Although the use of AI is already common practice in some aspects of the field of imaging, market analysis foresees a further boom over the next five to 10 years.[4] Newer AI methods, such as "deep learning," could pave the way for quantitative, standardized, yet also personalized imaging, while helping to prevent diagnostic errors and, at the same time, enabling sustained productivity increases. Radiologist Keith Dreyer of Harvard Medical School emphasized at an expert meeting in the US that "Meaningful AI will improve quality, efficiency, and outcomes."

Source: https://www.healthcare.siemens.com.au/magazine/mso-artificial-intelligence-in-radiology.html