

INNERCORE

We are automating the analysis of Dynamic Critical Systems.

PROFILE

Tech Based Startup
Founded in 2020
<https://innercore.ai/>

InnerCore is a company which was created to automate the analysis of dynamic critical systems through algorithms, statistical models and artificial intelligence to detect anomalous behaviours, discrepancies or specific events of different systems in different applications, such as security, health, logistics, production and communications.

Opportunity

In the defence sector, the Chilean Navy needs to complement its maritime traffic control system, in order to automate the analysis of anomalous behaviour. This is how InnerCore analyses the maritime landscape in real time, automating the detection of discrepancies and prioritising alarms, through the development of Artificial Intelligence models and techniques.

This was the beginning for applications linked to other relevant economic sectors.

Solution

InnerCore offers services through cloud computing solutions, Software As a Service, accessible to users and clients at any time and place, with a modular structure, easy to use, modify or update. A processing core composed of all the algorithms and models used by our system, as well as an intuitive user interface enabling the solution to be applied rapidly in new problems and sectors of the industry, allows us to scale horizontally.



TEAM



Sergio Vera

CEO

OPM Harvard Business
School
Founding Partner



Juan Pablo Heusser

CTO

Electronic Naval Engineer
Founding Partner

Contact: Óscar Astudillo
Technology Transfer
Coordinator

oscar.astudillo@knowhub.cl
www.knowhub.cl



Technology

InnerCore is in a development stage equivalent to a TRL8. The anomaly detection system relies on three different methods: algorithms, statistical models and artificial intelligence. It is through a combination of these techniques that our software is able to detect anomalies and events of interest in real time, alerting users to those events which are predetermined as abnormal. In each analysis method we have implemented multiple algorithms and models, as well as alert filter tools, alert ranking and digital classification of the same. clasificación digital de ellas.

Market Opportunity

Market Size: USD 5.080 millions (2020)

CAGR: 8.64%

Segment: Artificial Intelligence in Security

Expected market size: USD 14.180 millions (2026)

Business Model

InnerCore uses the Software as a Service mode and a software or application distribution model in the cloud, where the software and the data it handles are hosted on high-security servers, which the client accesses through the Internet.

Competitive Advantages

1. It is more economical than the systems offered by the competition.
2. It has a wide range of applications, using different types and amounts of data.
3. It is easily integrable into existing systems regardless