



Intelligent artificial visión:

The eye of the future



MWC 2022

Transformation is now

IOVI: Who we are?

We are a disruptive technology compared to the digital society that exclusively implements intelligent machine vision solutions, with all its elements included in the INESCUBE artificial eye.



Vision & Mission

IOVI aims to be a world leader in intelligent machine vision by providing Inescube, an artificial intelligent eye capable of solving specific problems better than the human eye.

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To accompany our clients in their transition to the digital society, providing solutions to inspection, supervision and quality control problems, among others, with our Artificial Intelligent Eyes (INESCUBE) that automate processes, reducing costs and maintaining people's safety.

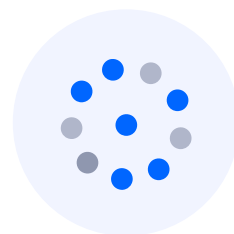
INESCUBE: The eye of the future



INESCUBE is essentially: lighting, camera, hardware and software and all other components necessary to fully satisfy the customer's needs.



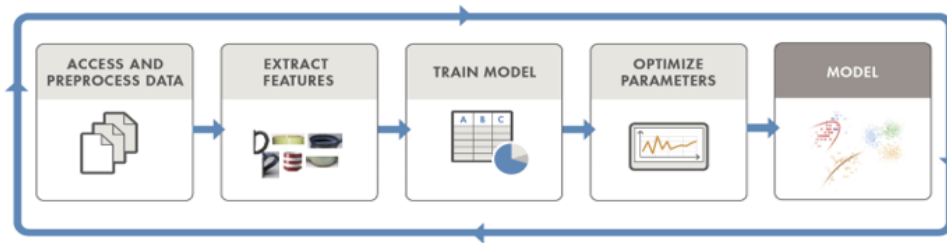
It is a flexible product that, far from invading, is integrated into the usual processes of the customer's environment.



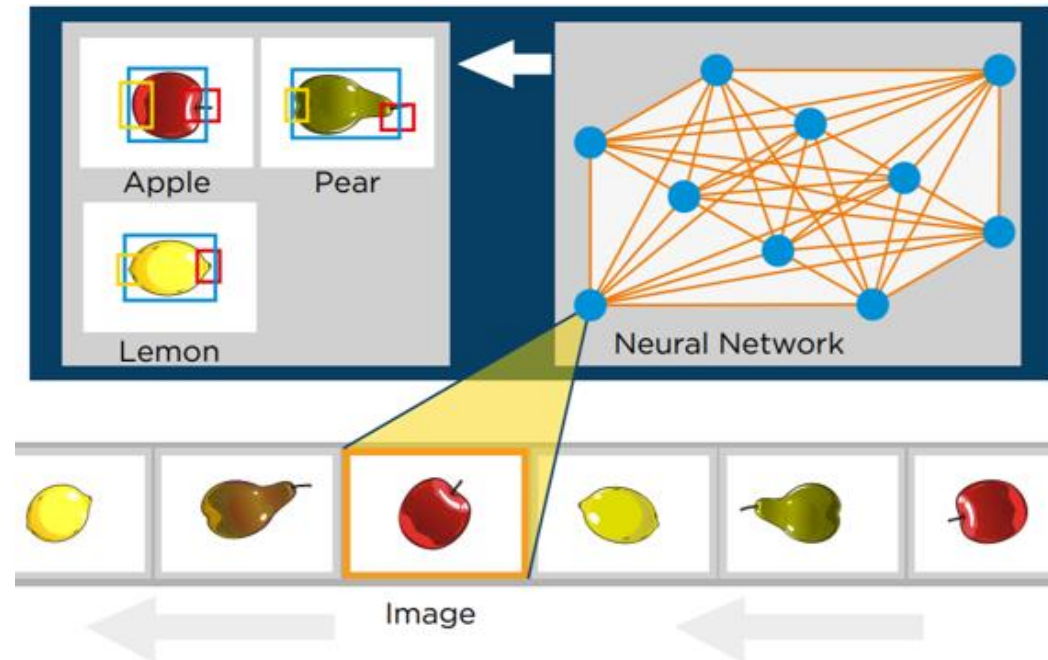
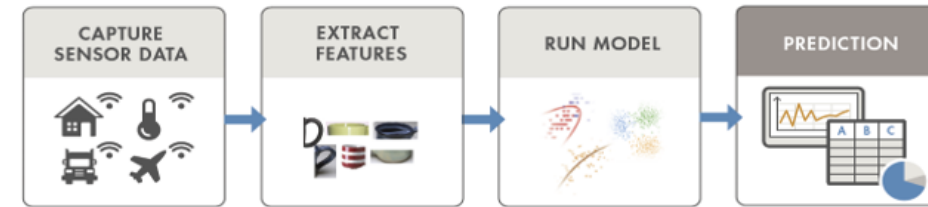
We adapt the software by training its neural networks, teaching the INESCUBE eye to think by and for a specific mission.

Neural networks and Deep learning: the brain behind the machine

TRAIN: Iterate until you achieve satisfactory performance.



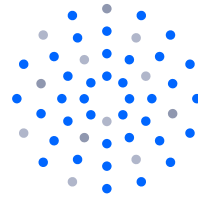
PREDICT: Integrate trained models into applications.



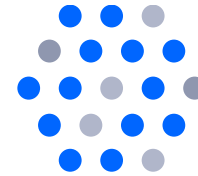
Multi-sectoral nature of INESCUBE



Industry 



Agri-food 



People 



Manufacturing



Automotion



Logistics



Fresh products



Processed and packaged



Food security



Flow of people



Transport



Health and well-being

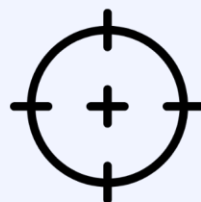
How does INESCUBE help companies?



Increased automation agility, production and quality control performance.
100% control of production in real time.



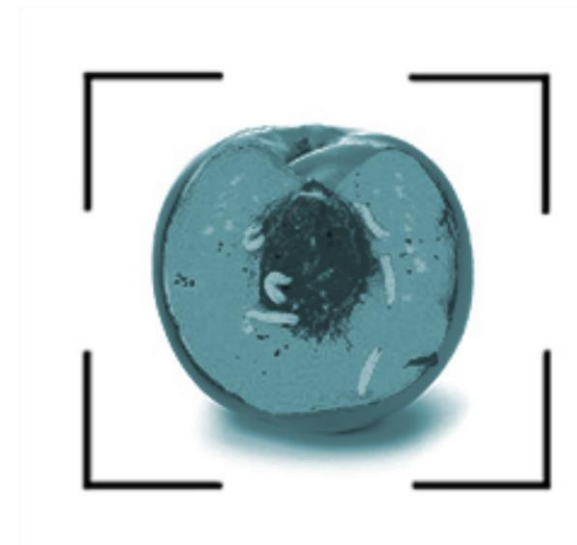
The accuracy of the data produced by machine vision offers the possibility to optimise and reduce costs, resources and waste : **with the aim of facilitating environmentally sustainable production.**



Greater reliability in accuracy, due to the ability of our systems to learn progressively **thanks to Deep Learning algorithms.**

INESCUBE PROTECT

Hyperspectral vision techniques have already been applied by IOVI in other complex projects, providing the detection of characteristics only perceptible outside the visible spectrum, such as Brix degrees in fruit, aflatoxin in figs or bitter almonds, with more than 7 years of experience and guaranteed efficiency in the agricultural sector. We are currently developing solutions whose needs go beyond the visible spectrum, up to the detection of chemical patterns with the aim of offering solutions in the food safety and health sectors.





INESARC

INESARC is a solution for the logistics sector based on INESCUBE. It is able to measure the actual volume, the transported load to establish the difference with the declared load, to read OCR labels and to register both correlated data in the customer's management software, without altering the usual workflow.

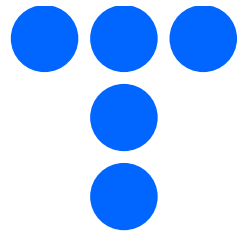
This solution achieves the following objectives:

1. improve the accuracy rate of the volumetric measurement and label reading process.
2. to inspect 100% of the packages.
3. Significantly shorten the execution times.





THE FUTURE IS NOW



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INTELLIGENT VISION

