# Intelligent Artificial Vision:
# The eye of the future

IᴅVI
INTELLIGENT VISION

SPOILER


# The future is now

We are a **disruptive technology company** for the digital society that exclusively implements Intelligent Machine Vision solutions, with everything included in our **INESCUBE smart eye.**
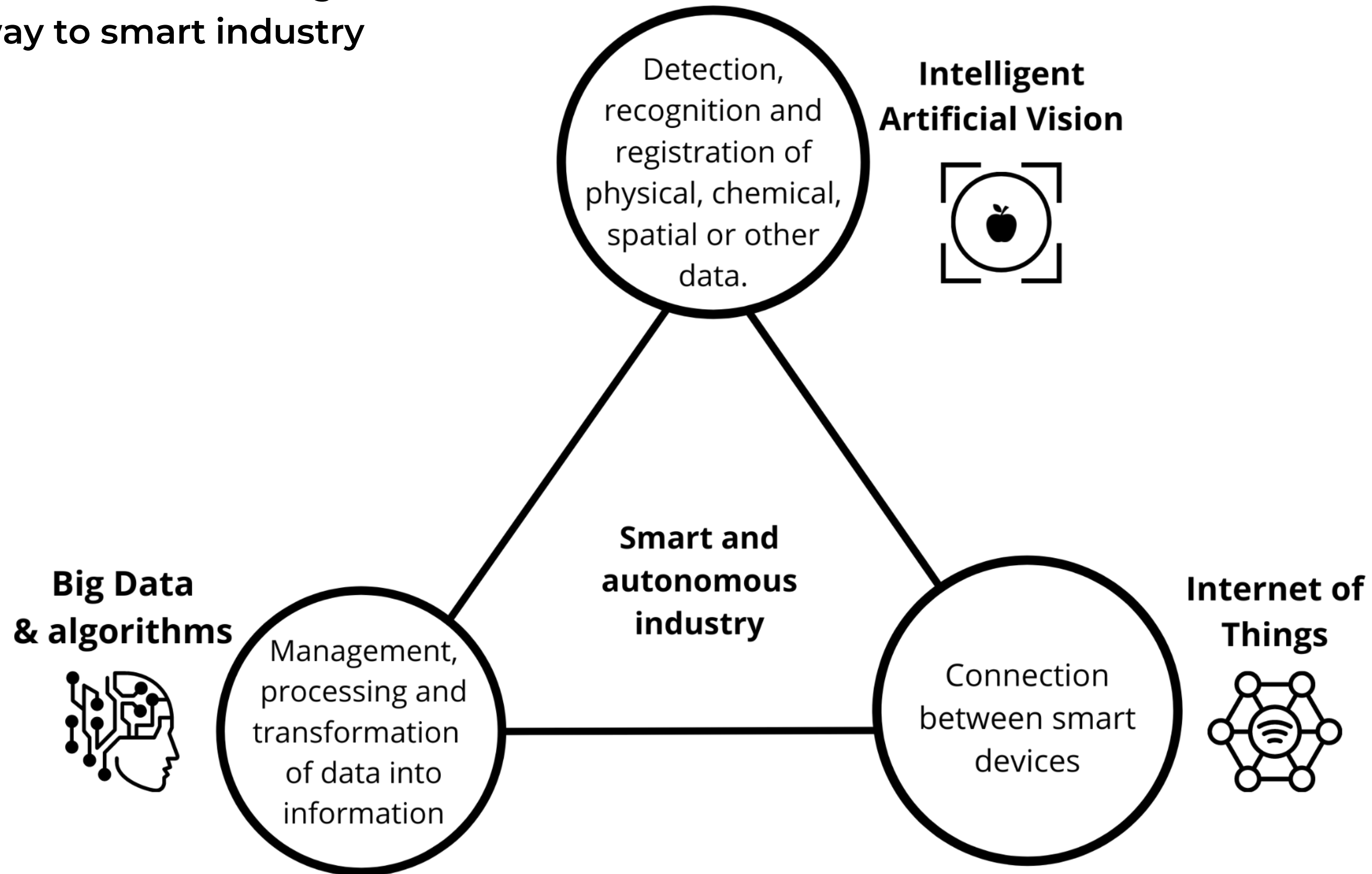
IOVI
INTELLIGENT VISION

## V

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.

## M

**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 (Inescubes) that automate processes, reducing costs and keeping humans safe.

Machine vision, IoT and Big Data:
on the way to smart industry

**Intelligent Artificial Vision**

Detection, recognition and registration of physical, chemical, spatial or other data.

**Smart and autonomous industry**

**Big Data & algorithms**

Management, processing and transformation of data into information

**Internet of Things**

Connection between smart devices

# Inescube: the intelligent artificial eye

**INESCUBE is fundamentally:**
lighting, camera, Hardware and Software and all the other components necessary to fully satisfy the client's needs.
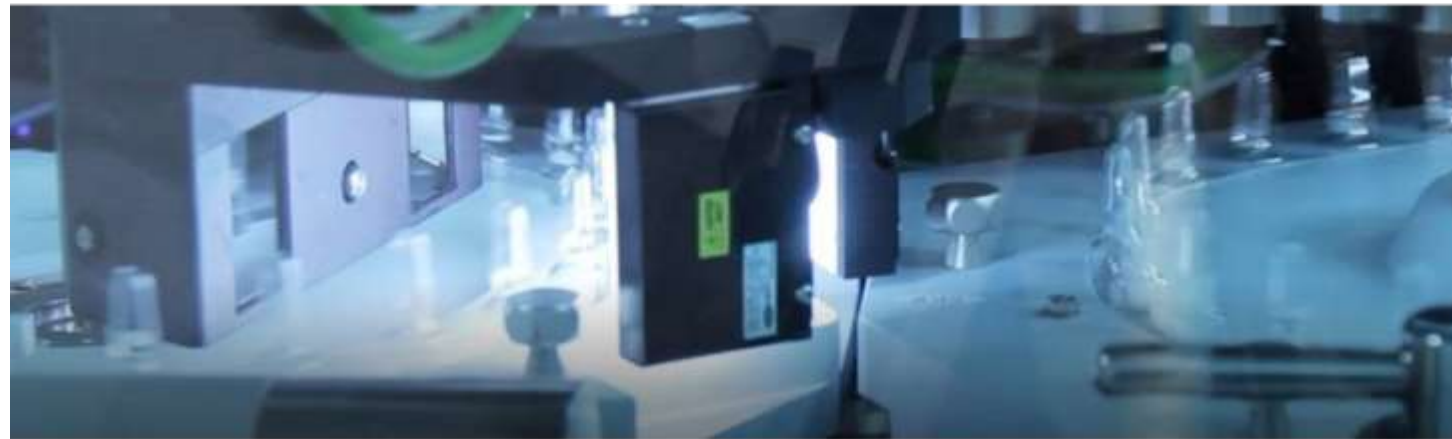
**It is a flexible product** that, far from invading, is integrated into the usual processes of the customer's environment.
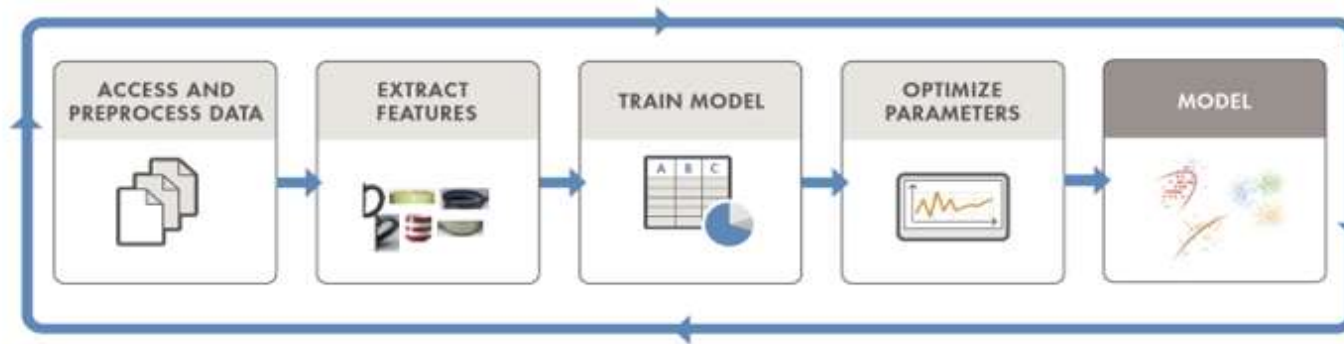
**We adapt the software by training its neural networks, teaching the INESCUBE eye to think for and about a particular mission.**
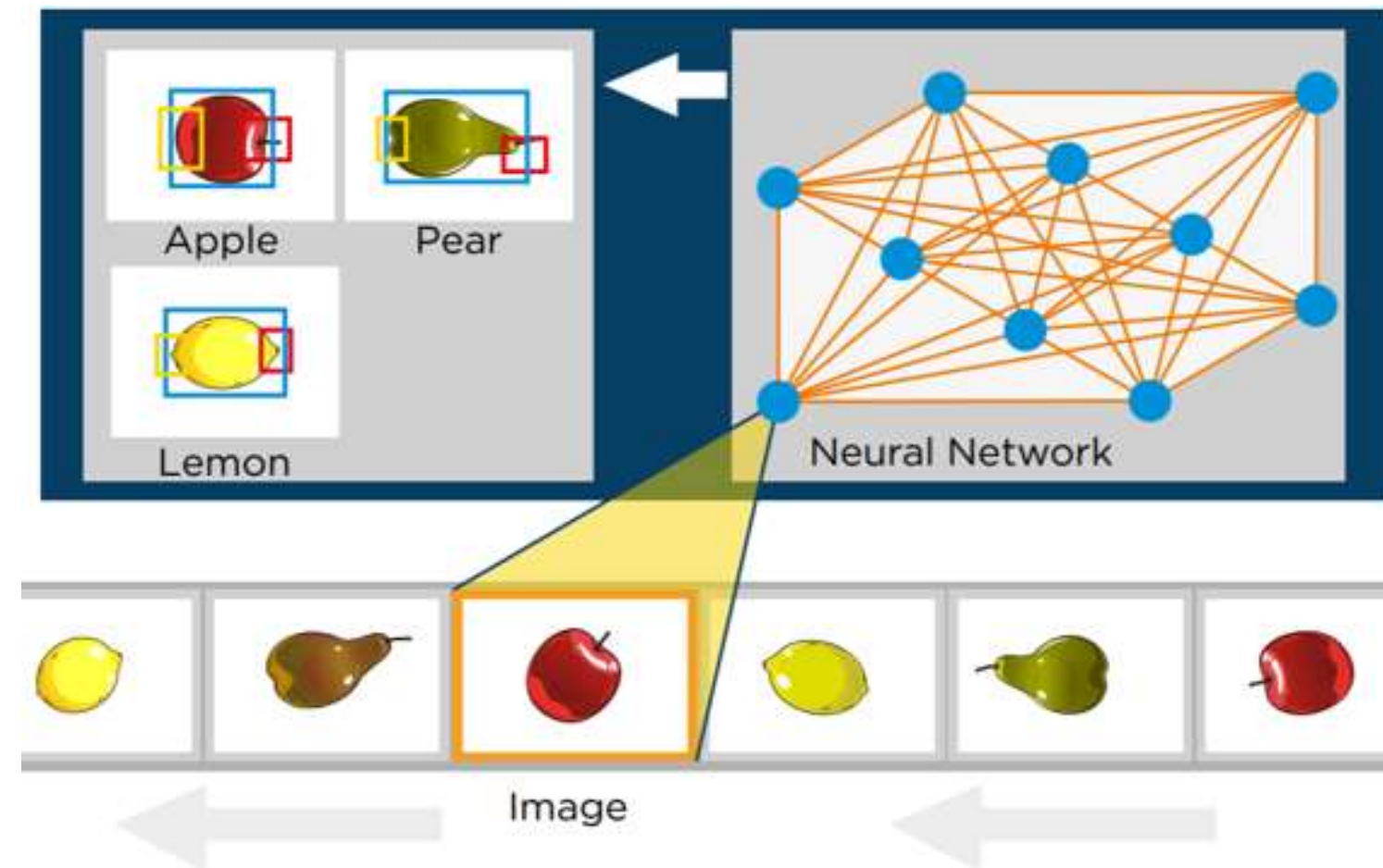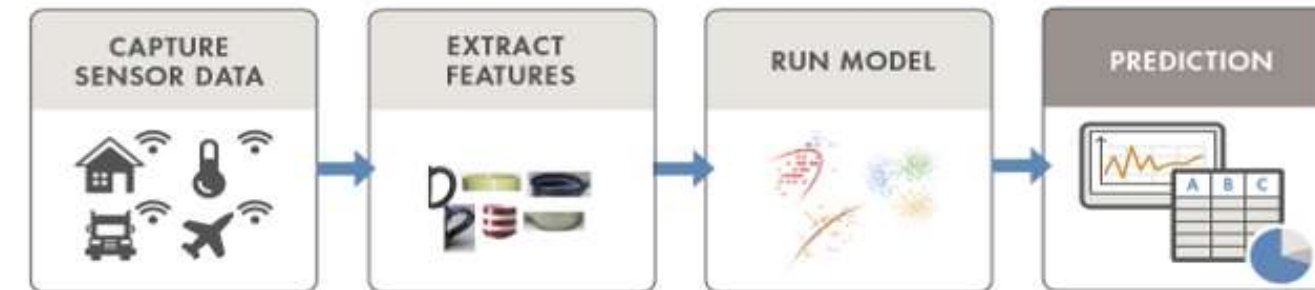
# Neural Networks and Deep Learning:
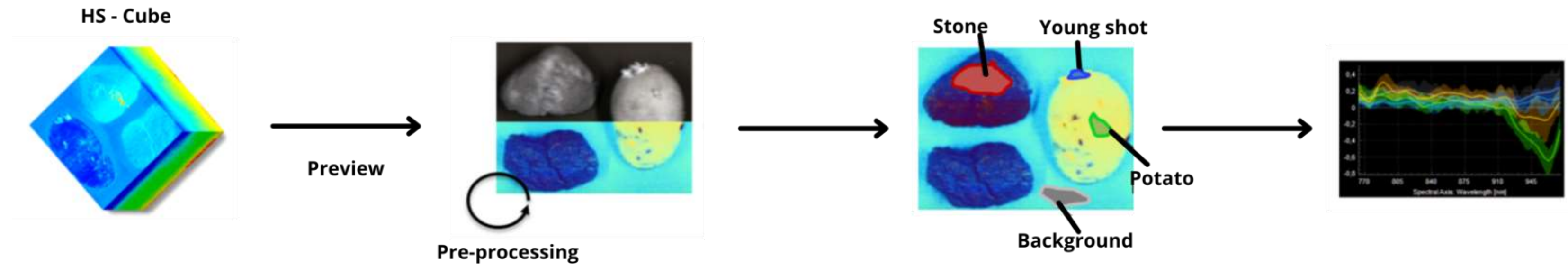## the brain behind the machine

# hyperspectral imaging:
# the chemistry of the image

# Cross-sectoral nature of IOVI technology
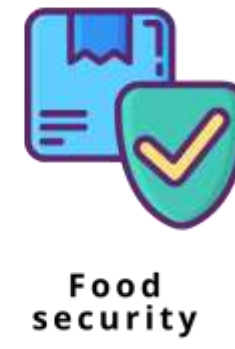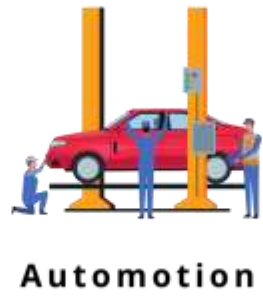
**Our focus: solving real client problems**

We tailor AI and Optical Design
to client needs

CLIENT

Cameras, optics
and lighting only
high-performance

Adjustable and
flexible software
configuration

Remote support, updates,
training and know-how
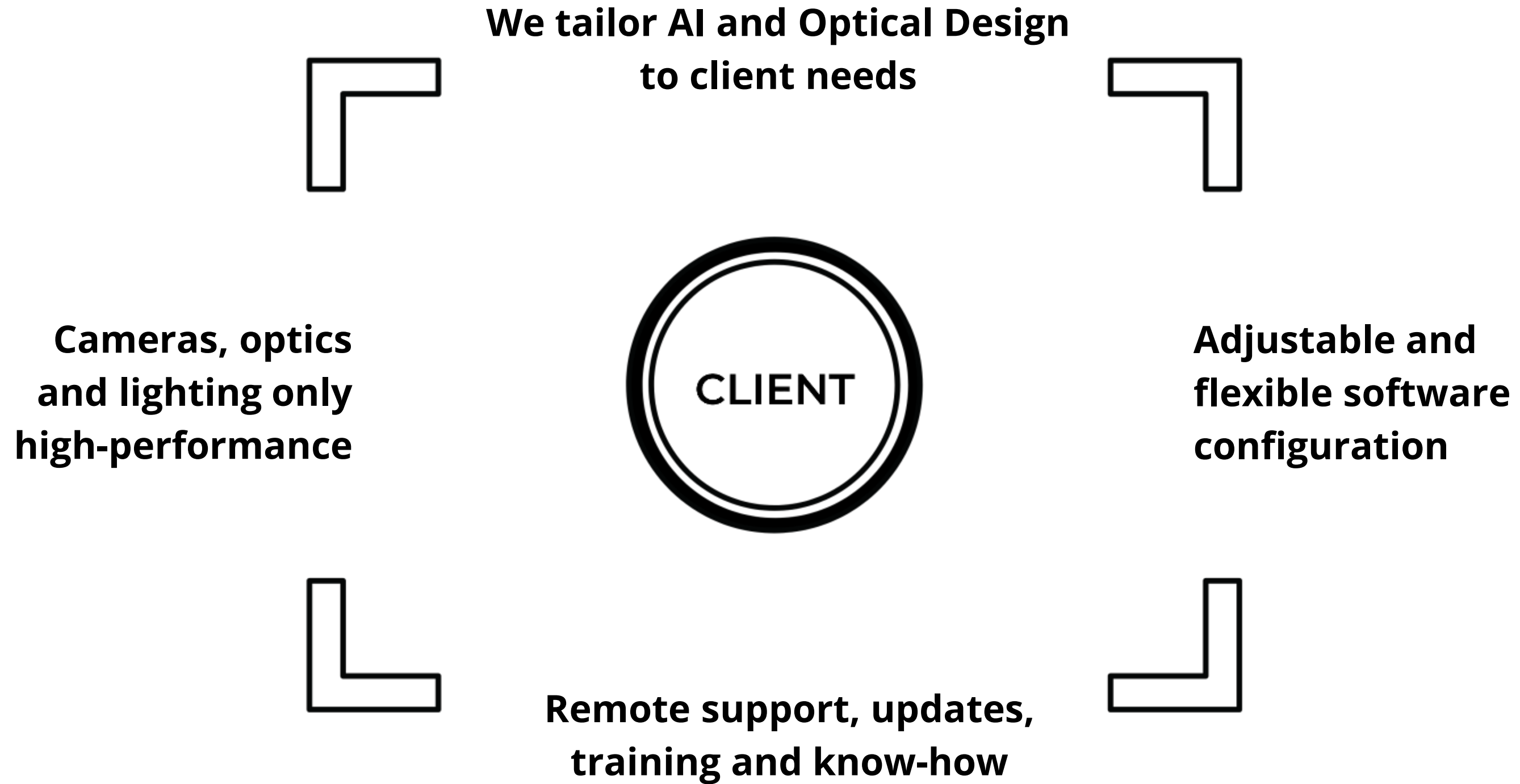
# How does INESCUBE help companies?

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

The accuracy of the data produced by machine vision provides the possibility of **optimisation and reduction of costs, resources and waste: aiming to facilitate environmentally sustainable production.**
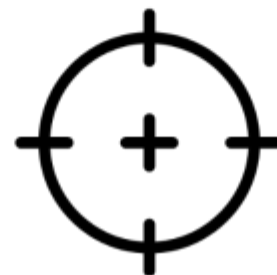
Increased reliability in accuracy, due to the ability of our systems **to learn progressively** thanks to Deep Learning algorithms.

**Some of our success stories**

INTELLIGENT VISION

**Check out the chat and watch our case study videos!**

Bitter almond detection.
Olive sorter by colour and ripeness.
Quality control of plums with hyperspectral vision.
Lettuce cutting guided by our vision.
Sorting strawberries by ripeness.
Olive pitting control.
Counting and measuring of size and ripeness of oranges in crop.
Quality control of metal clamps.
Quality control of caps.
Quality control of cap printing.
Quality control of plastic containers.
Volumetric measurement and OCR reading of moving pallets.

**Thank you for your attention!**



INTELLIGENT VISION

**THE FUTURE IS NOW**

**www.iovi.es**

**Contact**
Mail: info@inesoptics.com
Telephone: 854-993478