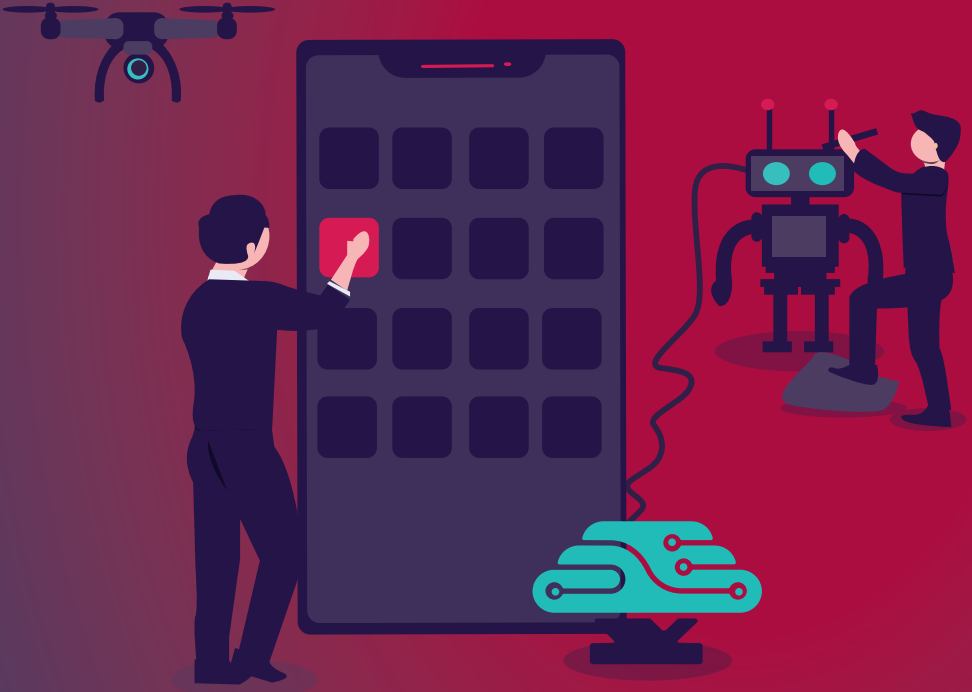




**BONSEYES**  
AI MARKETPLACE

# Distributed marketplace for building and trading AI

*For Innovators, Data Scientists, Developers*



# Distributed marketplace to build and trade AI



## Innovators

Define Challenges



## Data Scientists

Publish AI Apps



## Developers

Buy AI Apps

# 50%

Cost and time  
savings

# \$\$\$

Monetize  
IP and skills

# 10x

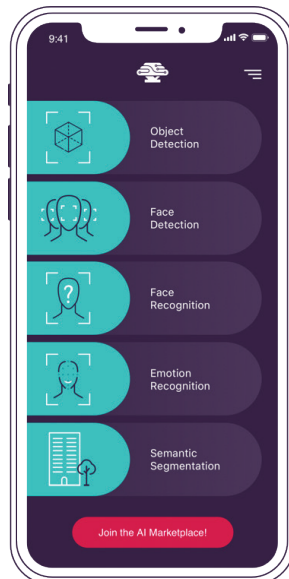
Performance  
Improvement



**Try Bonseyes AI Apps  
on your iPhone!**

Search **Bonseyes**  
on the Apple Store

*iPhone 6 or later*



Sign up to receive updates on the AI Marketplace launch on [bonseyes.com](https://bonseyes.com)

# AI Apps for computer vision

Bonseyes provides infrastructure and tools to develop robust and verified AI Apps running on certified developer platforms



Object detection



Scene Segmentation



Face Recognition

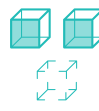


Image Classification



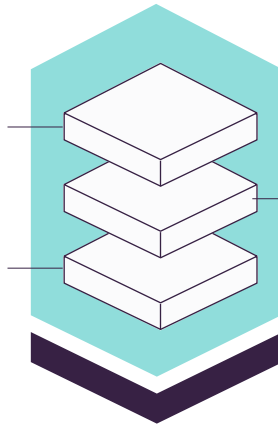
Keyword Spotting

## Certified developer platforms optimized for AI

AI Apps published on Bonseyes support heterogeneous computing platforms

**AI App**  
Demo App (e.g. Object Detection, Scene Classification, Face Recognition, Keyword Spotting) or any AI App from Bonseyes AI Marketplace or self developed AI App

**Operating System and Drivers**  
Environment based on Raspbian, the Raspberry Foundation's official supported operating system. The operating system is derived from the Debian distribution, and uses a 32-bit Linux kernel



### Deep Learning Software Components

LPDNN Inference Engine, Drivers and Support Libraries allow to use the hardware acceleration in AI apps and to easily develop AI solutions

**CPU**  
Multi-Core Central Processing Units



**DSP**  
Digital Signal Processors



**HETEROGENEOUS COMPUTING HARDWARE**



**VPU**  
Vector Processing Units



**GPU**  
Graphics Processing Units



# We believe in advancing AI for edge devices through

## Portability

We push AI to work seamlessly across platforms

Rather than being content with what has worked

## Reusability

We strive to create standards

Rather than satisfying just a single use case

## Collaboration

We seek collaboration with others

Rather than imposing our own excellence

## Evolution

We experiment continuously to keep improving

Rather than considering deployed AI to be final

### BONSEYES CONSORTIUM MEMBERS

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Schweizerische Eidgenossenschaft  
Confédération suisse  
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Confederaziun svizra

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