

# mGripAI™

Hand-Eye Coordination  
for Industrial Robots

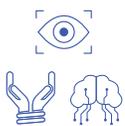


mGripAI from Soft Robotics is a revolutionary solution of 3D vision, soft grasping, and artificial intelligence software enabling the deployment of robots in food processing applications previously reliant on human labor.



## Deploy Robotic Automation and Ensure Business Operations

- Keep up with increasing demand by incorporating robotic automation seamlessly into existing production operations
- Produce higher quality and safer foods with food grade automation solutions powered by mGripAI
- Increase operational efficiencies, reduce labor challenges, lower maintenance costs and reduce current space requirements



## 3D Vision, Soft Grasping and AI

- Finally, a food automation solution that's easy-to-integrate, flexible and enables industrial robots with the hand-eye coordination of human operators to efficiently and safely process food.

Learn more about how mGripAI can transform your business at 1-857-259-5134 or email at [mGripAI\\_Info@SoftRoboticsInc.com](mailto:mGripAI_Info@SoftRoboticsInc.com).

## Features and Benefits

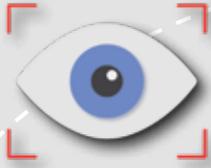
- IP69K Rated Food Grade gripper for **safe product handling**
- Grasp Optimization to drive **maximum reliability**
- Intelligent Object Placement for **delicate delivery** and **optimized packaging**
- Intelligent Robot Motion Control for **maximum throughput**
- Real-Time Object Tracking to achieve **maximum pick accuracy**
- Embedded Object Understanding to **enable downstream processes**

HUMAN-LIKE PERFORMANCE WITH MACHINE RELIABILITY

# The mGripAI Solution

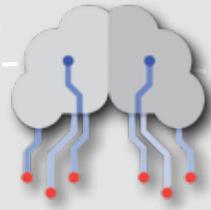
## EYES

Perception Modules are the **Eyes** of the solution. They capture high-resolution, 3D images that are sent to the Intelligence Module for further processing.



## BRAIN

The Intelligence Module is the **Brain** behind the solution. It takes input from Perception Modules and translates images into action for the robotic arm and gripper.



## HAND

A mGrip™ soft gripper is the **Hand** of the solution. mGrip works in unison with the Intelligence Module to pick the selected product.



## mGripAI Configuration Options

	mGripAI Silver	mGripAI Gold	mGripAI Platinum
Product Flow	Singulated	Bulk	Bulk
Grasp Optimization	X	X	X
Conveyor Tracking	X	X	X
Multiple Perception Module Support	X	X	X
Grasp Quality Detection	X	X	X
Intelligent Object Placement	X	X	X
Embedded Object Understanding	X	X	X
IP69K Hardware	X	X	X
Grasp Confirmation		X	X
Real-Time Object Tracking		X	X
Bin Empty Detection			X
Robot Type Compatibility	Delta	Delta or 6 Axis	Delta or 6 Axis

### About Soft Robotics Inc.

We are strategically located minutes from Boston, MA — the epicenter of robotics innovation and world-class universities such as Harvard and MIT. The Company holds 82 patents and trade secrets covering applications, finger materials and structures, manufacturing methods, and AI algorithms. Soft Robotics is led and staffed by robotics industry experts. To date, we have hundreds of picking systems in daily operation and have made billions of successful picks in demanding production environments.