

13<sup>th</sup> CDTI - NEDO Joint Workshop  
“AI-Equipped Collaborative Robot Technology”  
December 11, 2025 Tokyo



## Robotics for a Sustainable Future

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RT CORPORATION





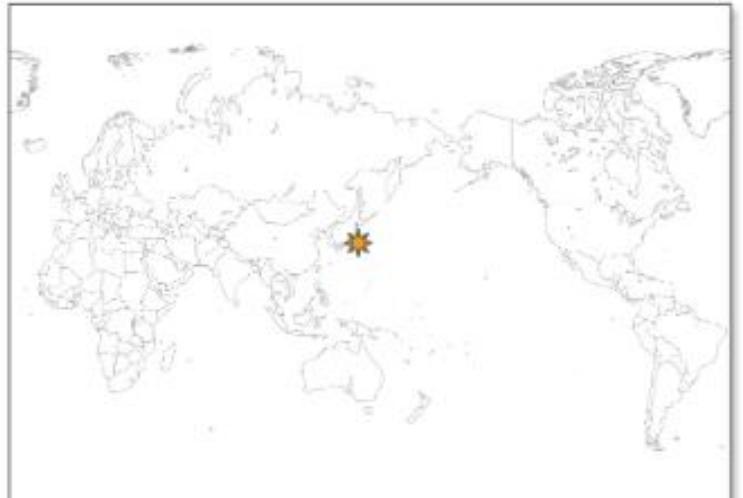
## Organization / Company



RT CORPORATION

### RT Corporation

Established in Sep. 2005; Capital Approx. USD 2M;  
Add. 3F, 3-9-2 Sotokanda, Chiyodaku, Tokyo, Japan;  
President Y.Nakagawa; Board Members & Employees 46;  
<https://rt-net.jp>



Future Food Fund



## Life with Robot

## Work with Robot





# Organization / Company

2005 Establishment

2017 Receive Investment from VC for second funding

2018 Collaborative robot, Foodly, was shown for Food factories

2023 Expand offer variety for humanoid robots





# Products, services, technologies of the company



Hardware

AI/Software

System

Consulting



# Products, services, technologies of the company

## Vision System Case Studies



Loose-stacked recognition  
(irregular shape handling)

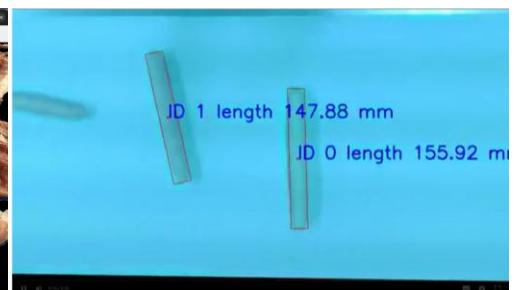
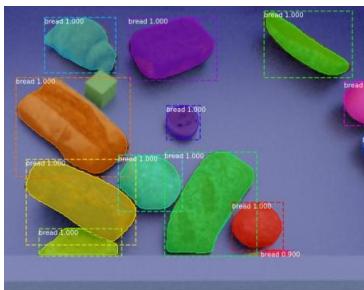
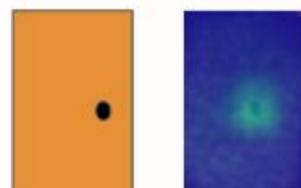


Image measurement  
(meat & bread dough length estimation)



Learning and recognition using 3D  
models



Defective product  
inspection



Estimation of joint  
position in pig foreleg



# Products, services, technologies of the company

## Line Construction Case Studies



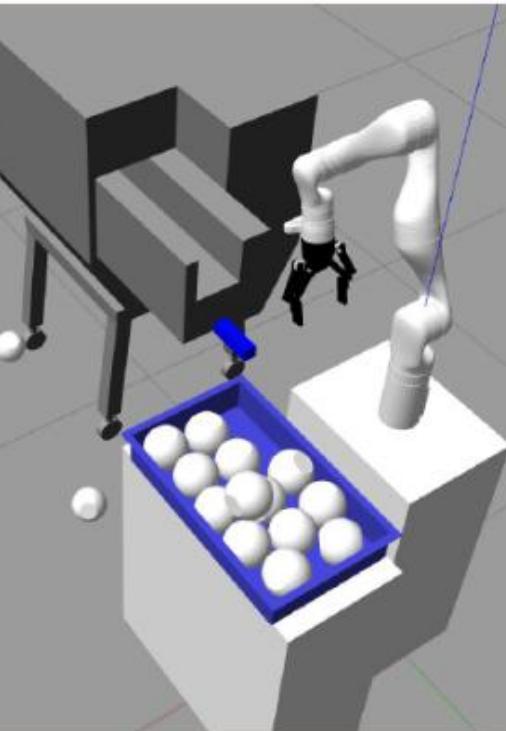
**Left: AI image recognition-based defective product picking system**

**Right: Cube-shaped food transfer and box packing system**



## Main challenges and solutions in the project/case presented

### Case Study: Using Vision Systems and Collaborative Robots



**Vegepicker**



**Frozen Fry Discharge System**



## Main challenges and solutions in the project/case presented

### Examples of collaboration with equipment manufacturers



Collaboration with weighing equipment



AI Vision System (Pork Cut Recognition)



# Ideas for a Japan – Spain collaboration

- ✓ Development of collaborative systems for industries
  - Industries that manage irregular shaped products, with repetitive movements
    - Needs detection of industries that traditionally have been deemed as “not fit” for automatization.
    - Creation of collaborative systems with certain degree of flexibility that can be adapted to the client needs, by combining technologies.
    - System that comply with EU and Japan requirements from inception.





# Ideas for a Japan – Spain collaboration

- ✓ Development and commercialization of robots that interact
  - Widening the offer of robots of both companies.
    - Expansion of product portfolio and reach markets.
    - Development of technologies using humanoid robots for human interaction and/or environment manipulation.
    - Special focus in developments related to Physical AI.



130cm height  
Fully designed by  
RT Corp.



150cm height  
ROBOTIS  
licensed to RT Corp.



50cm height  
Fully designed by  
RT Corp.

