

## RZ Ecosystem Partner Solution

# tiwaki AI++



### Solution Summary

- tiwaki's original computer vision technology lineup
  - Face detection/recognition, pose estimation, anomaly recognition...
- Edge AI solution-oriented technology: fast, compact, high accuracy

### Features/Benefits

- tiwaki's pose estimation technology - Fufrinkazan Pose - can run over 30fps on Renesas' edge AI platform [RZ/V2M](#)
- Compatible with smart camera, PC, edge device, cloud. Fully platform independent
- Absolutely faster, even more accurate than state-of-the-art technology
- Best fit for realtime AI applications

### Block Diagram/Graphics

tiwaki's technology lineup : tiwaki AI++



tiwaki AI++ detection engine  
face detection, pose estimation, car detection..



tiwaki AI++ recognition engine  
face recognition, anomaly recognition, image retrieval...

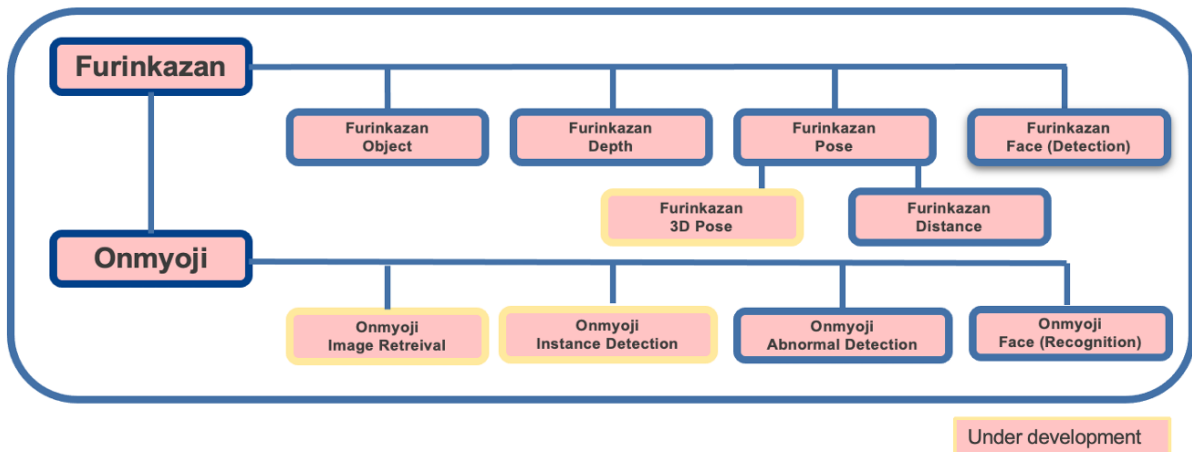
### Target Markets and Applications

- Smart Home
- Security
- MaaS
- Smart Building
- Self-Driving

<https://www.tiwaki.com/home-2>

Company Name	株式会社tiwaki
Company Name	tiwaki Co., Ltd.
Founded	April 1st, 2016
Address	101 Incubator, Ritsumeikan University BKC, 1-1-1, Nojihigashi, Kusatsu-city, Shiga, 525-8577, Japan
CEO	Xiang Ruan
Employees	39 (part-time worker: 28)
Capital	82,999,990 Japanese Yen
Business Domain	Core technology development of machine learning and computer vision
Affiliation	Japan Deep Learning Association, MONET Consortium Nvidia Inception Program, Nvidia Metroplis, Huawei Enterprise Partner, Huawei Technology Certification

## tiwaki AI++ Basic Technologies



## Utilization Flow

Shooting by camera  
↓  
Analysis by AI  
↓  
Confirm result

