

## Renesas Ready Ecosystem Partner Solution

# Nota AI NetsPresso<sup>®</sup>



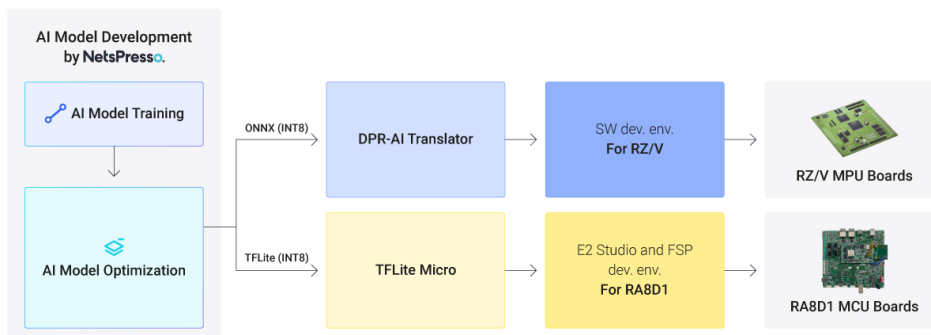
### Solution Summary

Nota AI's NetsPresso is a hardware-aware AI model optimization platform that empowers developers to build, optimize, and deploy lightweight AI models on Renesas [RA8D1](#) MCUs and [RZ/V](#) MPUs. NetsPresso optimized AI models on MCUs/MPUs, boasting faster inference times and minimized memory usage. Additionally, NetsPresso's advanced pruning technology offers further model compression capabilities.

### Features/Benefits

- Faster Time to Market
  - Shorten the time-to-market of your AI solutions with NetsPresso under your target hardware
- Compatible with Existing Platforms
  - NetsPresso is compatible with DRP-AI translator to provide a seamless experience during AI model development on Renesas MCUs and MPUs
- Higher Performance & Customization for Renesas
  - For RZ/V, it optimized the latest models including YOLOv5, YOLOv7 and YOLOX for DRP-AI
  - For RA8D1, it optimized the models including YOLO-Fastest

### Diagrams/Graphics



### Target Markets and Applications

- Smart intersection system
- Traffic safety solutions
- Real-time road incident detection
- AI smart parking
- Intrusion detection
- Fire detection
- Fall detection system
- Crowd counting system

<https://www.nota.ai/netspresso>

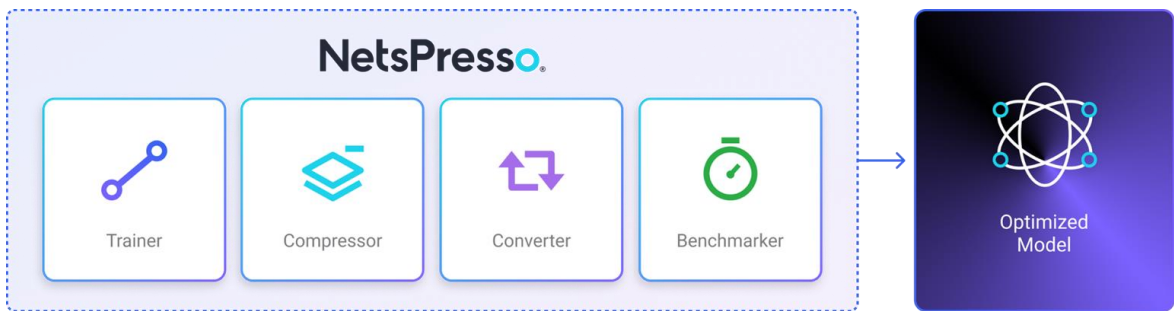
# Nota AI®

Nota AI® (Nota Inc.) is a tech startup with a focus on optimizing AI models with our proprietary hardware-aware AI model optimization platform, NetsPresso®, and enabling a diverse range of AI solutions for a diverse range of applications and industries, including the intelligent transportation systems and driver monitoring system.

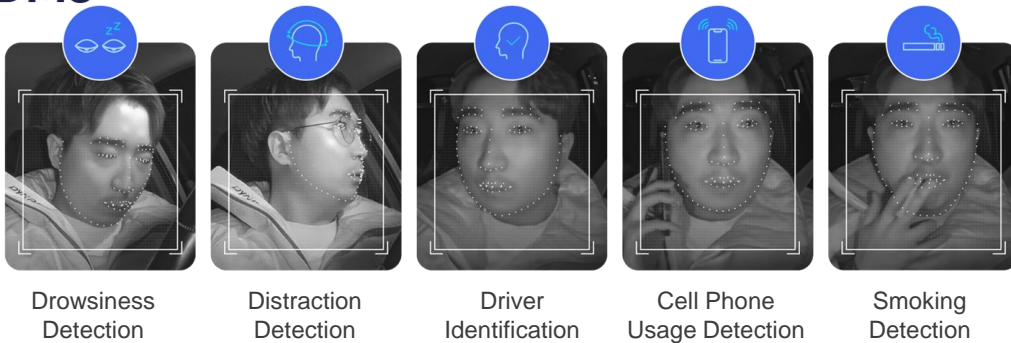
## Nota AI®'s Technology



## NetsPresso. Hardware-aware AI model optimization platform



## Nota DMS In-cabin safety, powered by NPU-compatible technology



## Nota ITS We green-light roads with AI



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