

## RZ Ecosystem Partner Solution

# Morpho Fast AI Inference Engine SoftNeuro<sup>®</sup>



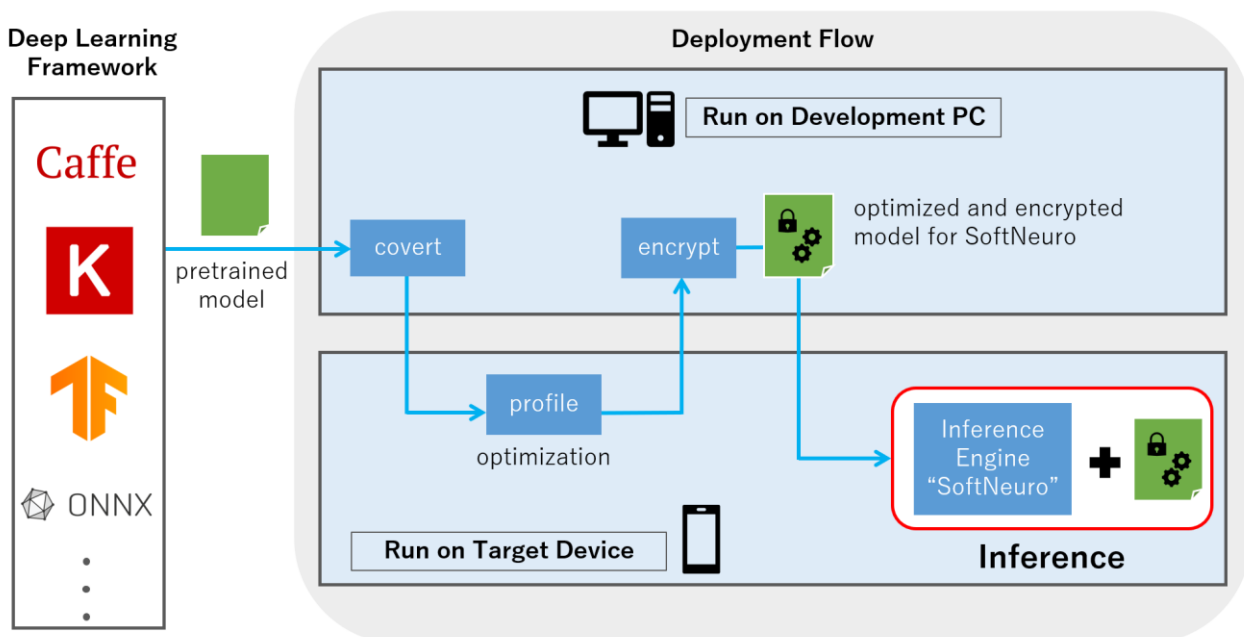
### Solution Summary

“SoftNeuro<sup>®</sup>” is one of the world’s fastest deep learning inference engines, which operates in [RZ family](#) environments, utilizing learning results that are obtained through major deep learning frameworks.

### Features/Benefits

- Accelerate inference processing (Reduce model calculation without changing results)
- Multiple frameworks support (TensorFlow, ONNX, Keras etc.)
- Multi-Purpose (Image and voice recognition, text analysis etc.)
- Secure (Supports model encryption)

### Diagrams/Graphics



### Target Markets and Applications

SoftNeuro<sup>®</sup> can be used with a variety of devices that use deep learning inference

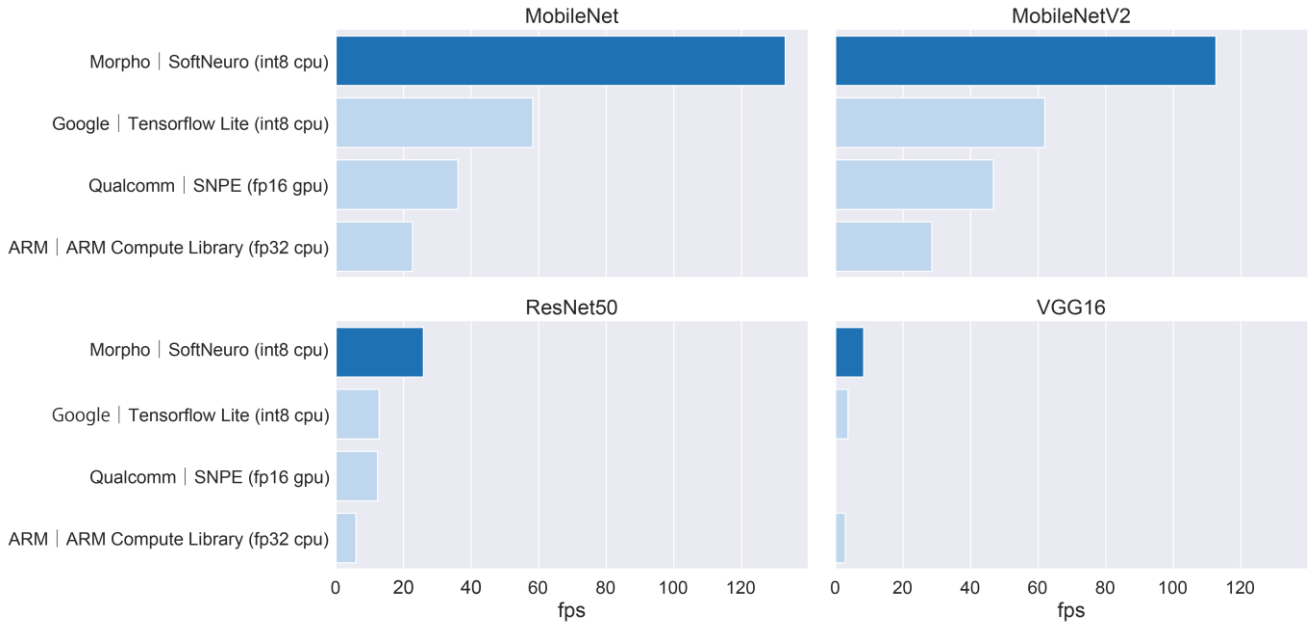
- Security camera
- Visual inspection
- Smartphone
- Smart City
- Factory automation
- Automatic driving / Mobility

<https://www.morphoinc.com/en/technology/sie>



## Measurement result of inference processing speed (CPU:ARM)

Compared to other inference engines, SoftNeuro® is significantly faster



(Shows how many frames the target image could be processed per second. The higher the number, the faster)

## Corporate Profile

|                        |   |
|------------------------|---|
| <b>Company Name</b>    | Morpho, Inc.<br>(Growth market of Tokyo Stock Exchange, Code 3635)  |
| <b>Address</b>         | KANDA SQUARE 10F, 2-2-1 Kanda-Nishikicho, Chiyoda-ku, Tokyo 101-0054  |
| <b>Establishment</b>   | May 26, 2004  |
| <b>CEO</b>             | Masaki Hiraga   |
| <b>Capital</b>         | 1,783 million yen   |
| <b>Business Domain</b> | Research and product development for AI (artificial intelligence) and image processing technologies.<br>Expand software business globally for smartphone, semiconductor, automotive, and IoT markets. |
| <b>Website</b>         | <a href="https://www.morphoinc.com/en">https://www.morphoinc.com/en</a>   |