

RZ Ecosystem Partner Solution

Morpho Fast AI Inference Engine SoftNeuro®



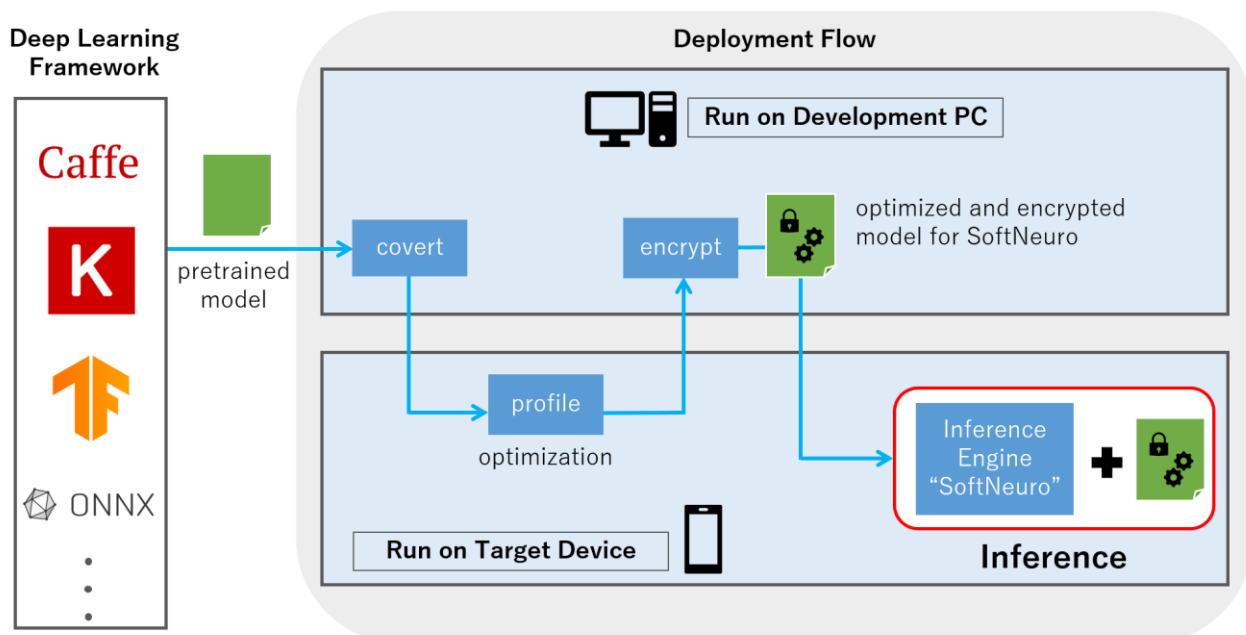
Solution Summary

“SoftNeuro®” 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® can be used with a variety of devices that use deep learning inference

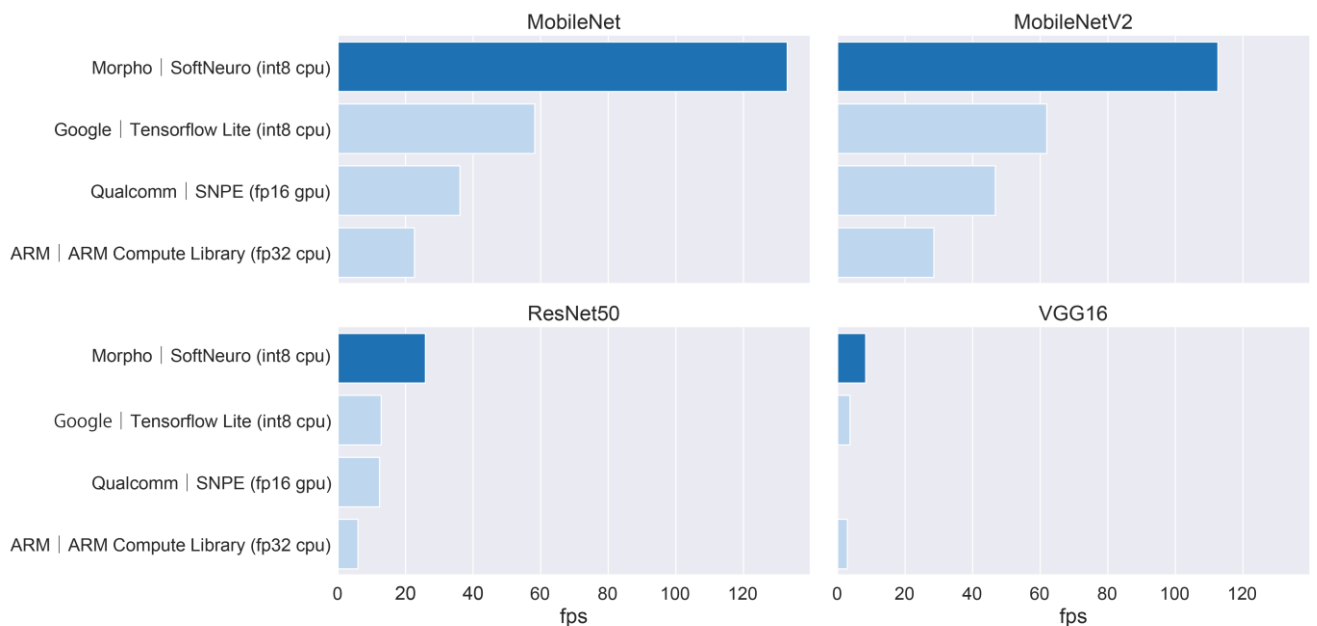
- Security camera
- Visual inspection
- Smartphone
- Smart City
- Factory automation
- Automatic driving / Mobility

<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

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