



# Application Software Pack: ML Person Detector

## APPSWPACK-MLPD

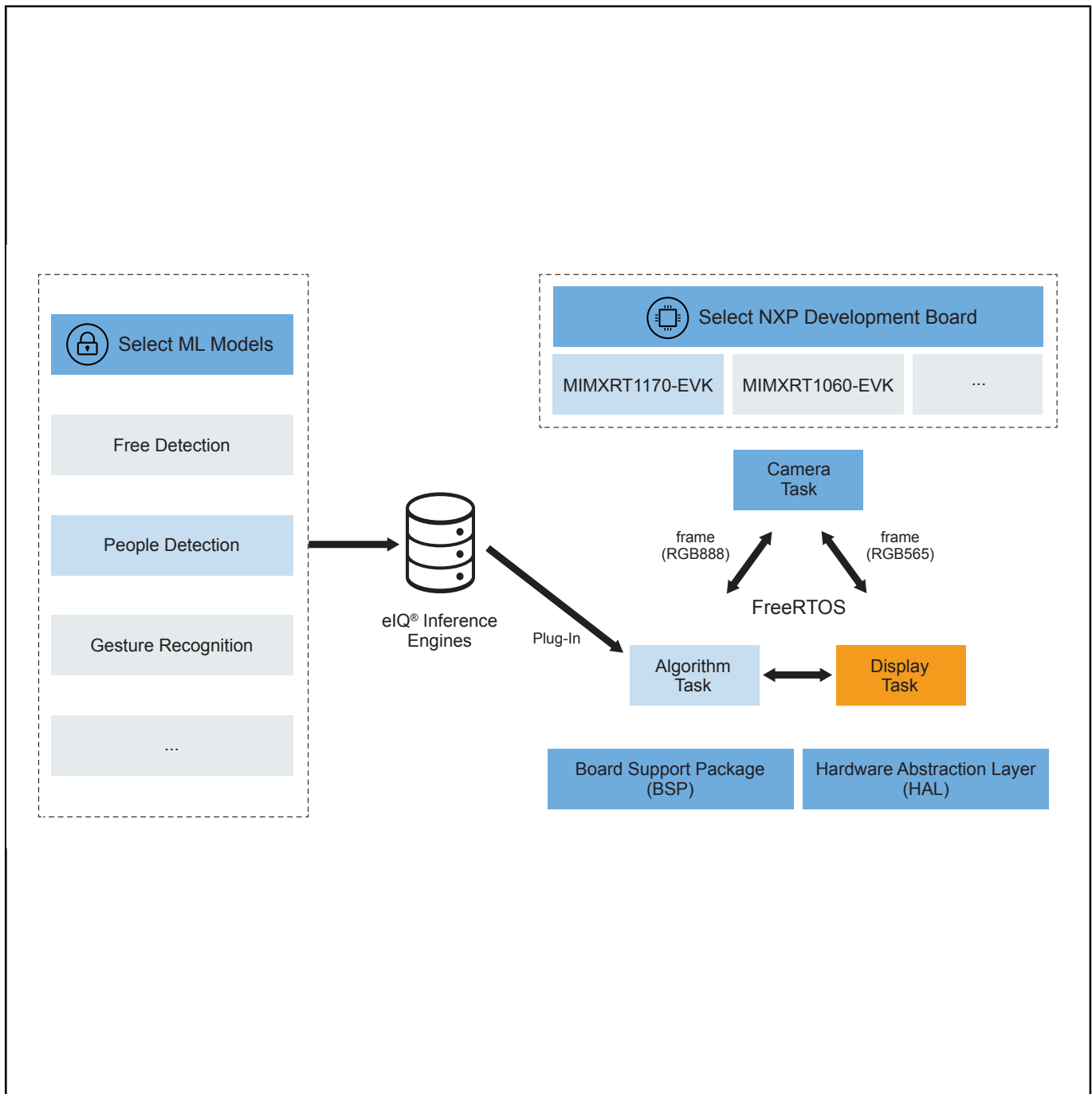
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This software pack helps developers build products that are required to detect people using NXP's [i.MX RT1170 crossover MCU](#) and [eIQ® ML Software Development Environment](#). This project includes tested algorithms for vision intelligence (uVITA) and provides production quality software for customers to include in their end products.

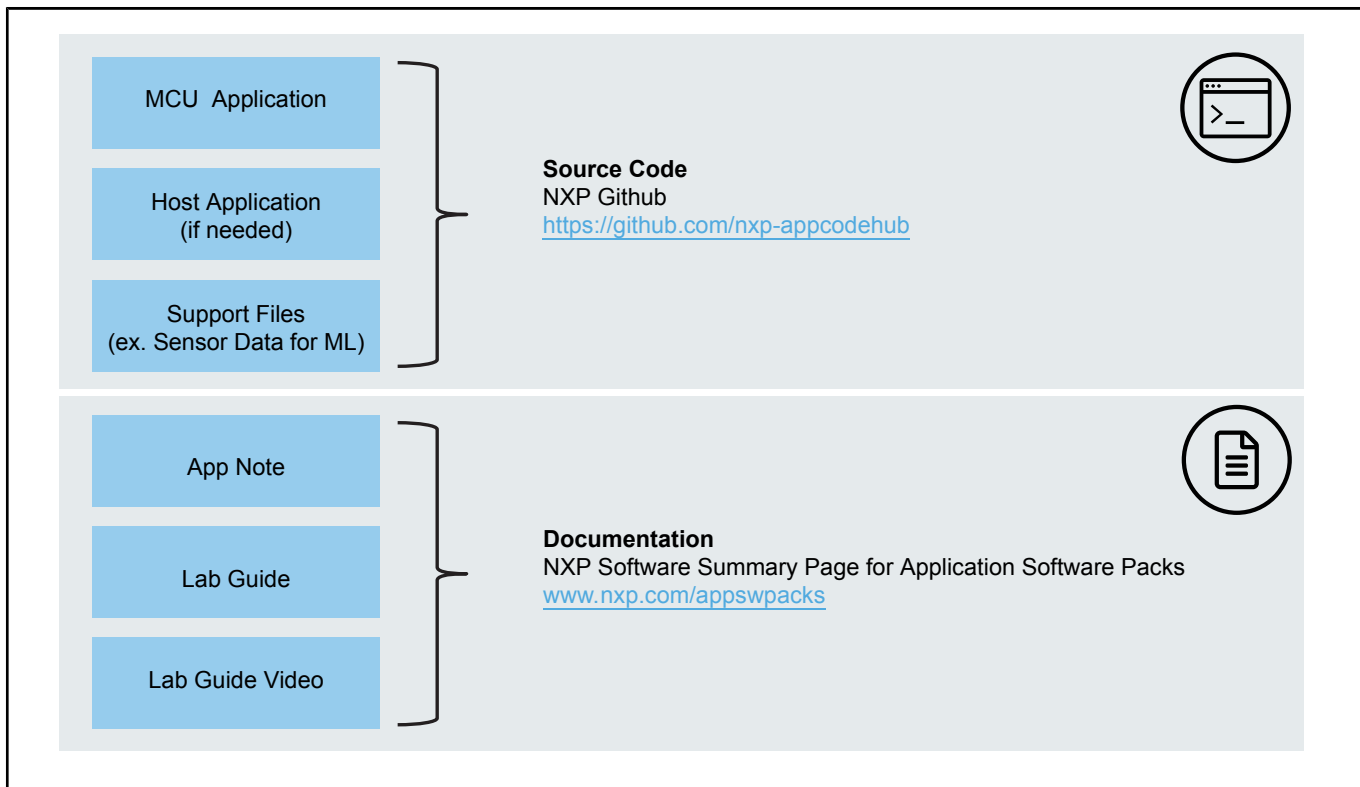
The project uses a lightweight neural network (NN) model for multi-person detection that was developed with an open-source NN structure shufflenetv2. The model was trained to detect people based on COCO and PASCAL-VOC dataset. Use this application software pack to evaluate this person detector model along with the features provided by the eIQ ML Software Development Environment.

[Download this Application Software Pack](#) and follow the steps found in the corresponding lab guide.

## Application Software Pack: ML Person Detector Block Diagram



## Application Software Pack Collateral Block Diagram



View additional information for [Application Software Pack: ML Person Detector](#).

**Note:** The information on this document is subject to change without notice.

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