



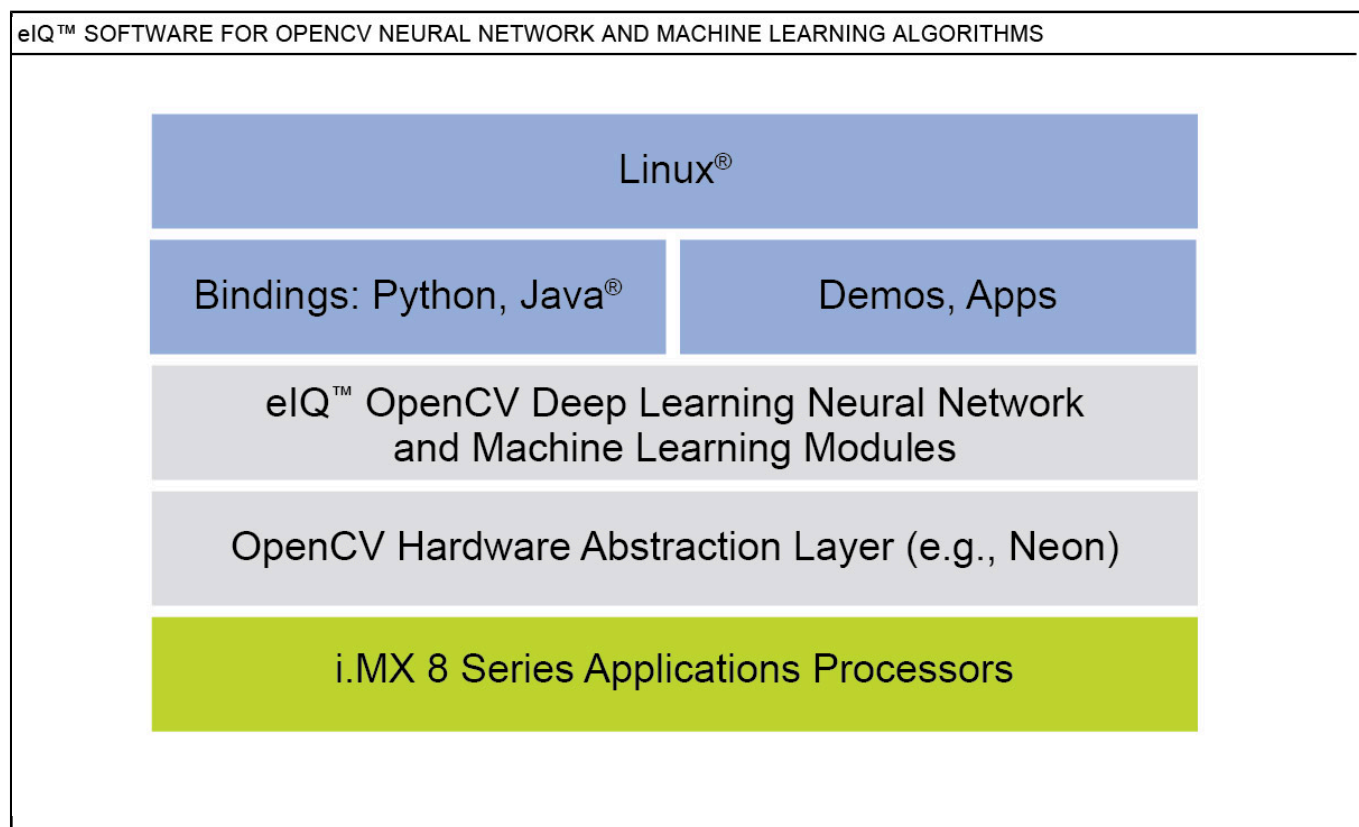
# elQ® OpenCV Neural Network and ML Algorithm Support

## elQOpenCV

Last Updated: Apr 16, 2024

NXP's elQ software supports the OpenCV library – a well-known industry standard comprised of programming functions that can perform image processing, video encoding/decoding, video analysis and object detection, in addition to processing of deep neural networks (DNN) and classical machine learning algorithms (ML). The cross-platform elQ for OpenCV library is free for use under the open-source BSD license. elQ for OpenCV NN targets Arm® Cortex®-A cores and utilizes Arm Neon™ technology acceleration to process TensorFlow and Caffe trained NN models.

## eIQ OpenCV Neural Network and ML Algorithm Support Block Diagram



View additional information for [eIQ® OpenCV Neural Network and ML Algorithm Support](#).

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

**[www.nxp.com](http://www.nxp.com)**

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2025 NXP B.V.