



## Press release

**Date:** February 23, 2018

# IAR Systems supports new Arm technology for neural networks and artificial intelligence

Uppsala, Sweden—February 23, 2018—IAR Systems announces that the leading development toolchain IAR Embedded Workbench for Arm now supports Arm®'s new neural network library CMSIS-NN, which is an interface standard reducing the learning curve for developers and reducing the time to market for new devices.

Neural networks are a set of self-learning algorithms inspired by the biological neural networks that constitute the human brain. Neural networks are trained through machine learning with software analyzing big data to see patterns, which can be applied in face recognition, self-driving cars and similar technology for artificial intelligence (AI).

The Arm Cortex® Microcontroller Software Interface Standard (CMSIS) provides a single, scalable interface standard across all Arm Cortex-M® series processor vendors, simplifying software reuse, reducing the learning curve for microcontroller developers, and reducing the time to market for new devices. The CMSIS-NN software library is a collection of efficient neural network kernels developed to maximize the performance and minimize the memory footprint of neural networks on Arm Cortex-M processor cores. The library can be used to create intelligent IoT edge devices, an approach that is becoming increasingly popular thanks to its ability to save power and accelerate application efficiency.

### Ends

***Editor's Note:** IAR Systems, IAR Embedded Workbench, IAR Connect, C-SPY, C-RUN, C-STAT, IAR Visual State, IAR KickStart Kit, I-jet, I-jet Trace, I-scope, IAR Academy, IAR, and the logotype of IAR Systems are trademarks or registered trademarks owned by IAR Systems AB. All other products names are trademarks of their respective owners.*

### IAR Systems Contacts

Josefin Skarin, Investor Relations, IAR Systems Group AB

Email: [josefin.skarin@iar.com](mailto:josefin.skarin@iar.com)

Stefan Skarin, CEO and President, IAR Systems Group AB

– more –

Email: [stefan.skarin@iar.com](mailto:stefan.skarin@iar.com)

#### About IAR Systems

IAR Systems supplies future-proof software tools and services for embedded development, enabling companies worldwide to create the products of today and the innovations of tomorrow. Since 1983, IAR Systems' solutions have ensured quality, reliability and efficiency in the development of over one million embedded applications. The company is headquartered in Uppsala, Sweden and has sales and support offices all over the world. IAR Systems Group AB is listed on NASDAQ OMX Stockholm, Mid Cap. Learn more at [www.iar.com](http://www.iar.com).