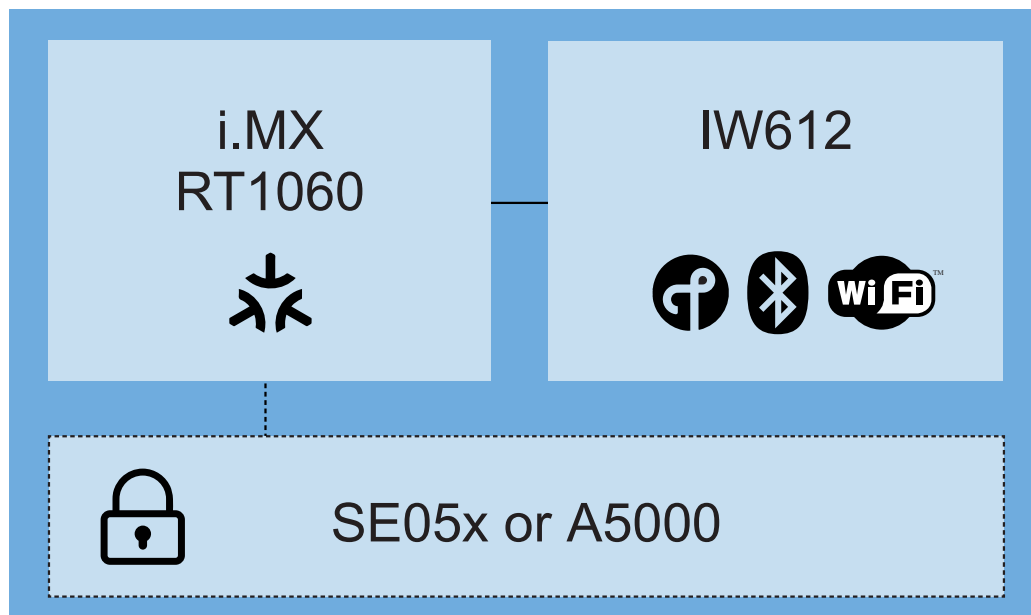# MCU / RTOS Hosted Matter Development Platform

MCU-RTOS-MATTER-DEV-PLATFORM

Last Updated: Dec 23, 2025

NXP's MCU / RTOS Hosted Matter Development Platform includes the hardware, software and enablement needed to create an edge node using the i.MX RT1060 MCU as the host device paired with the highly-integrated IW612 tri-radio. Leveraging the MIMXRT1060-EVK development board (and optional boards OM-SE051ARD or OM-A5000ARD), customers can use the Matter software found at GitHub.

MCU / RTOS Hosted Matter Development Platform Block Diagram

i.MX RT1060

IW612

SE05x or A5000

NXP Technology   Security can be expanded   EdgeLock Assurance Security and EdgeLock 2GO Provisioning Services supported

View additional information for MCU / RTOS Hosted Matter Development Platform.

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

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