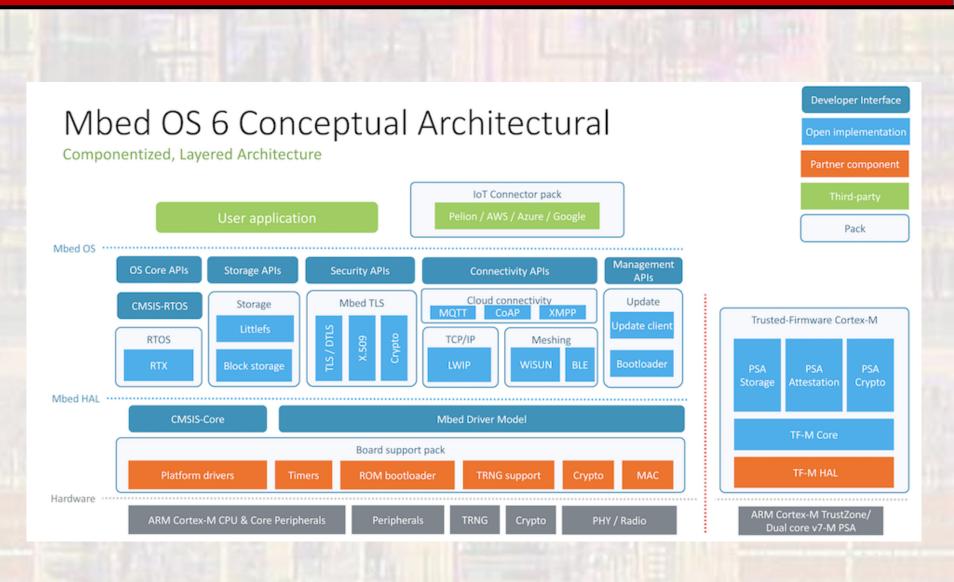
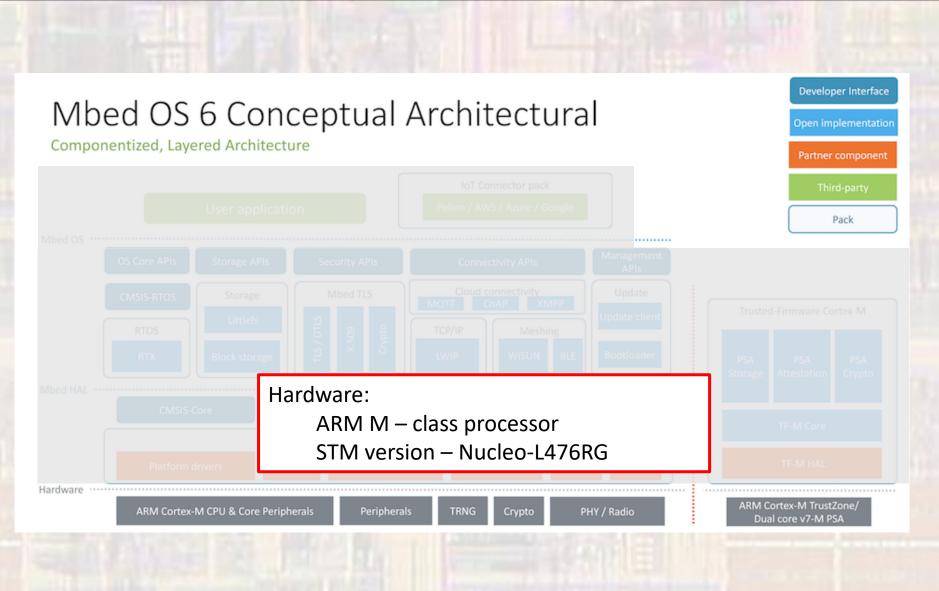
MBED OS

Last updated 6/1/22

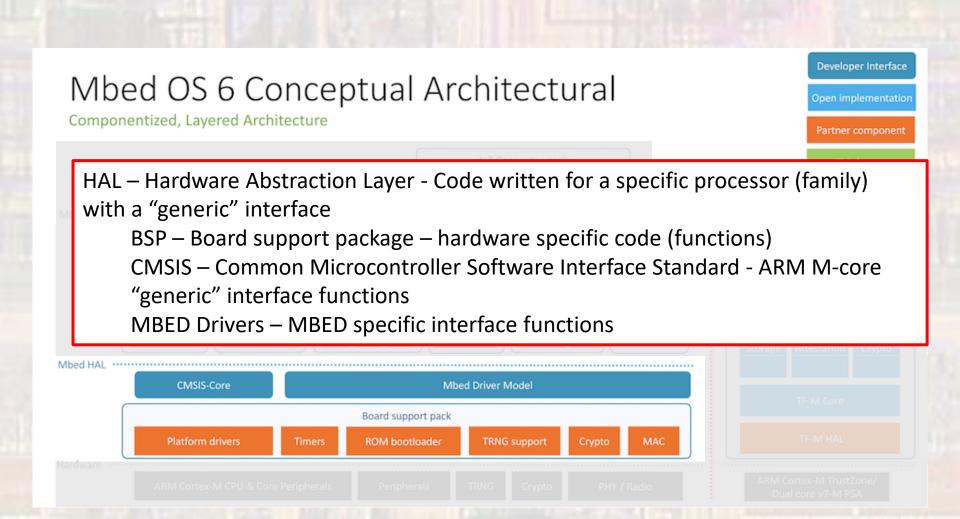












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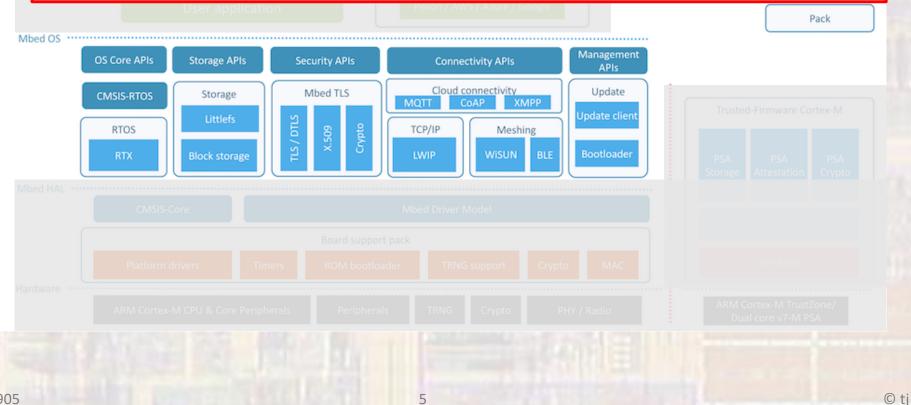
MBED OS

MBED OS – Operating System

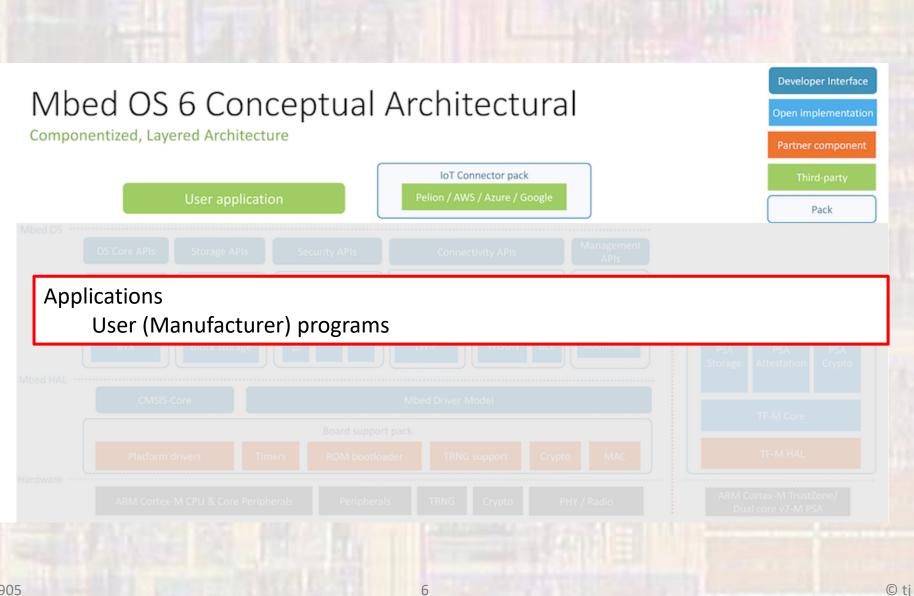
RTOS – Real Time Operating System – based on RTX – provides response time guarantees

OS features – storage, security, connectivity

API – Application Programming Interface – functions, classes, ... for users to use in application programs







MBED OS

- Bare Metal Profile
 - Not an OS at all
 - Does not have an RTOS
 - No scheduler
 - No threads
 - Uses polling and interrupts
 - Implements SOME of the MBED OS APIs
 - Most (if not all) the hardware interfaces we use
 - Some may need to be enabled, e.g. Bluetooth
 - Smaller, faster