



STM32Cube High Quality Process

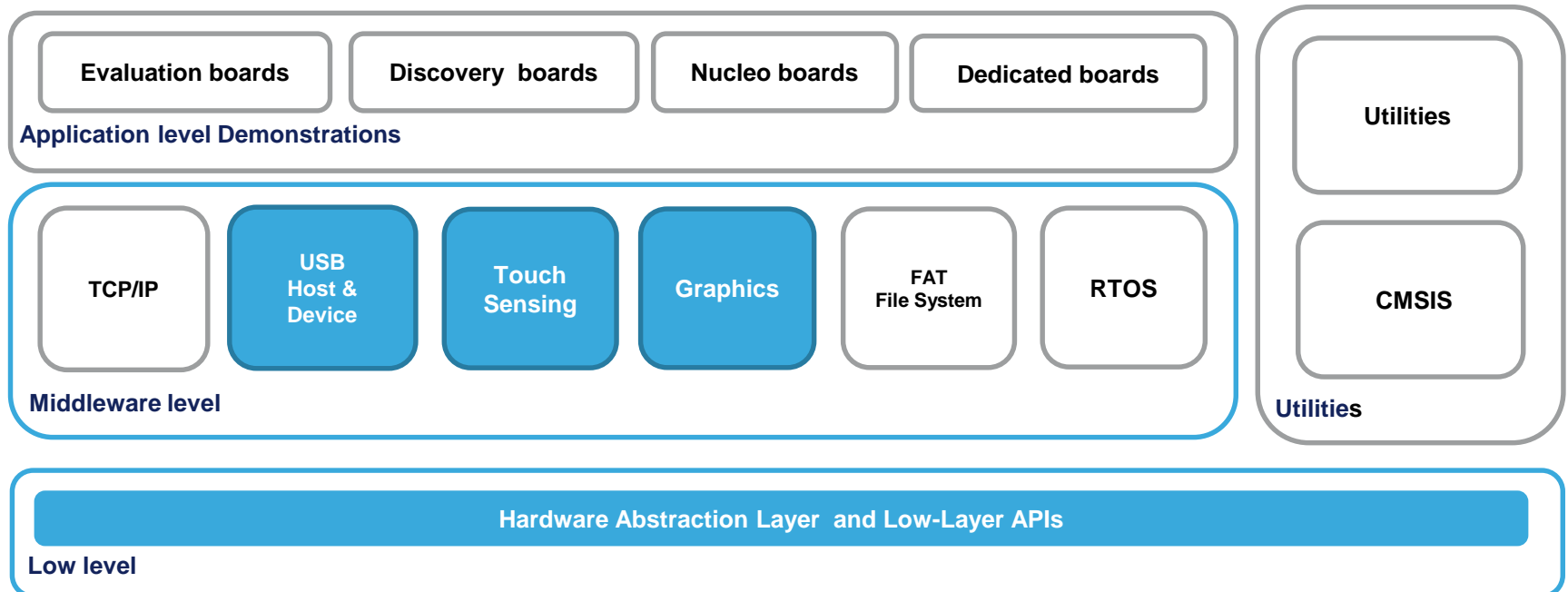
Qualified STM32Cube Embedded Software libraries



STM32Cube High Quality Process

Scope

- Qualification aspects discussed in the next slides apply to HALs, Low-Layer APIs and ST Middleware only, as highlighted in **blue** below

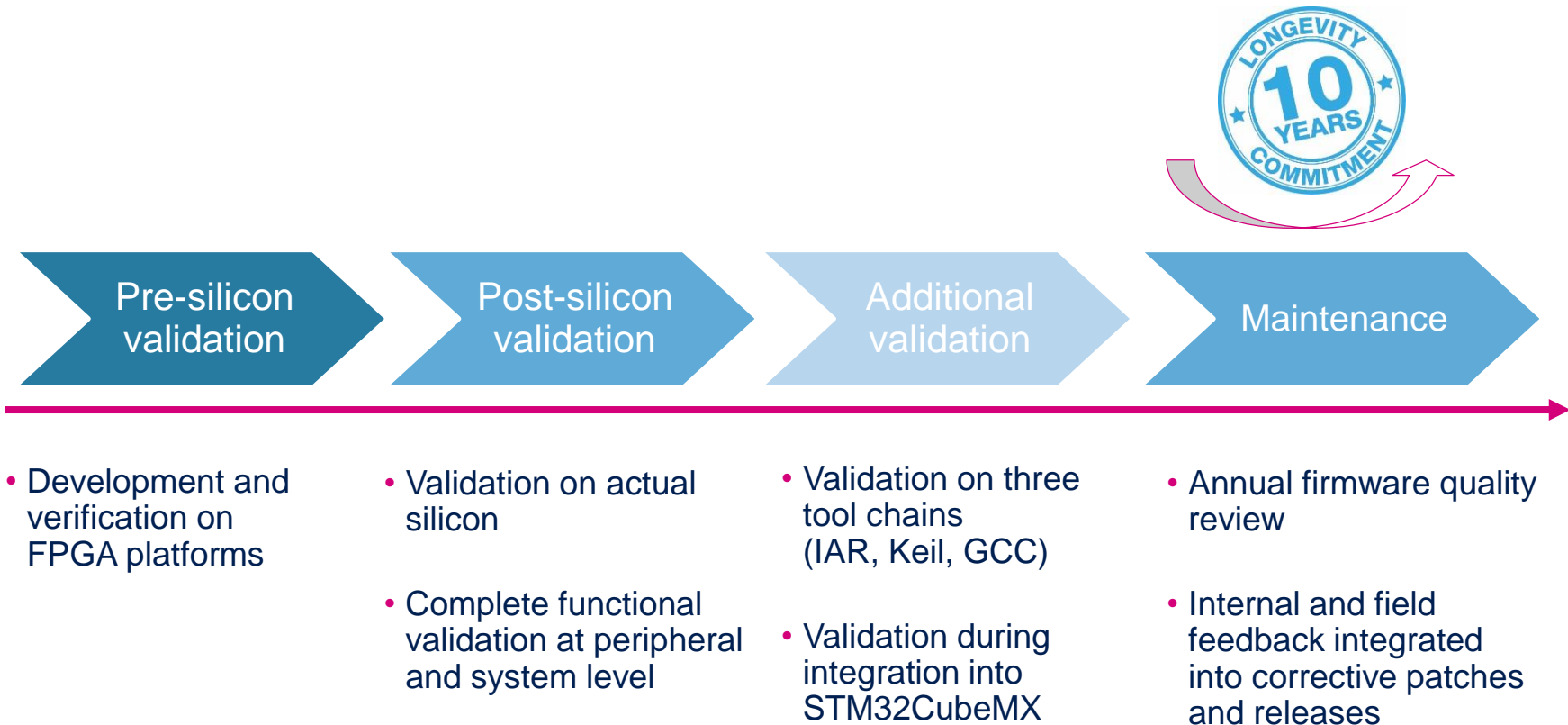


STM32Cube High Quality Process

Process

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- STM32Cube embedded software developed by experienced ST engineers with a deep functional understanding of STM32 families



STM32Cube High Quality Process

Deliverables



- Validation reports available and can be shared on demand



- STM32Cube HALs, Low-Layer APIs and ST Middleware C code compliant with MISRA-C
 - Compliancy with a few exceptions listed and explained



- HALs, Low-Layer APIs and Middleware embedded software development process modeled after:
 - CMM (Capability Maturity Model)
 - ISO/TS 16949 (development teams successfully passed the external audit in June 2016)

Releasing your creativity

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www.st.com/stm32cube

