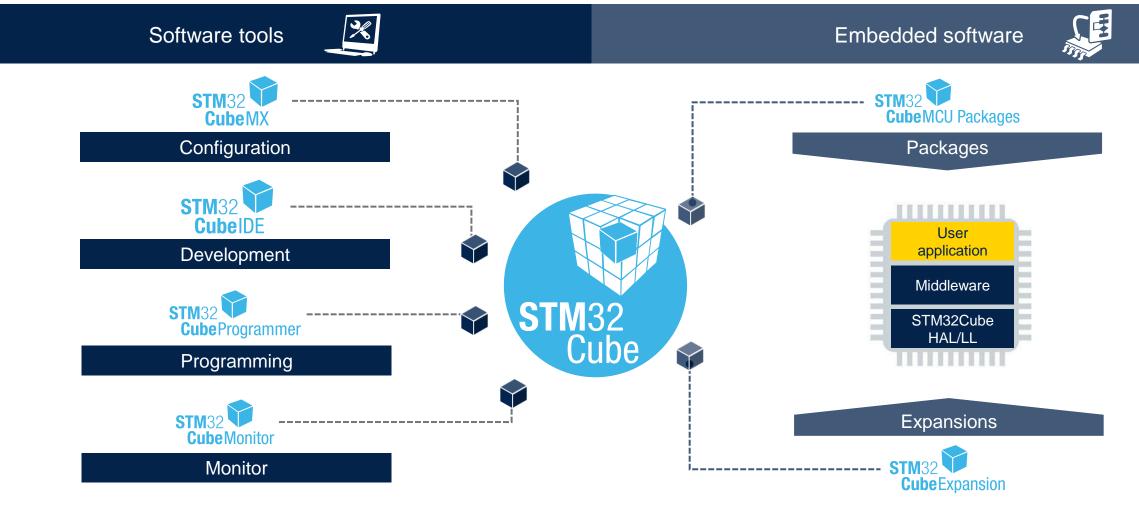


STM32Cube and Azure RTOS Overview



STM32Cube Software Suite Offer



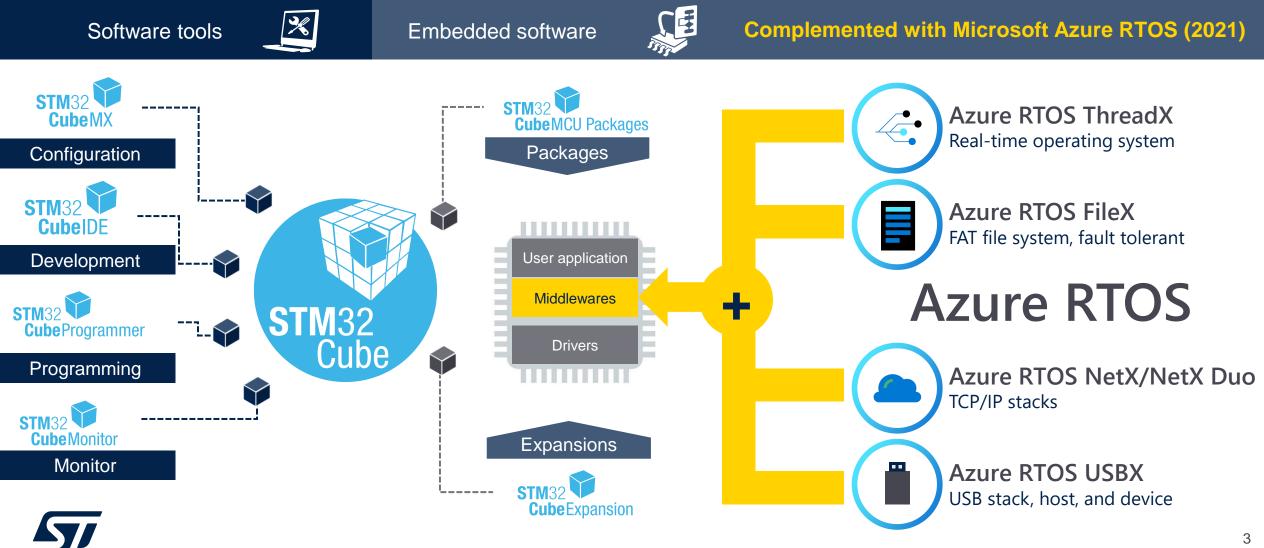






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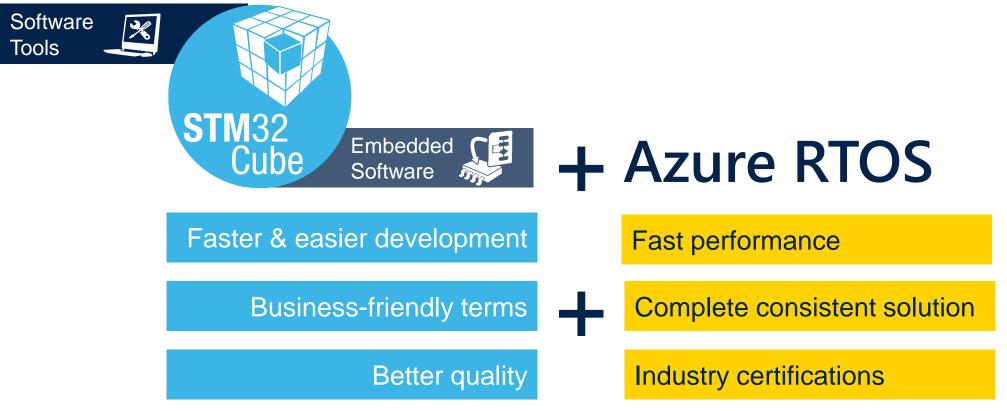
STM32Cube Software Suite (1/2)





STM32Cube Software Suite (2/2)

Microsoft Azure RTOS bringing additional Key benefits to STM32Cube software Suite, from 2021







Professional grade, highly reliable and market proven middleware suite

- Industrial-grade networking stack: optimized for performance coming with many IoT protocols
- Advanced FS/FTL: fully featured to support NAND/NOR Flash memories
- USB Host and Device stacks coming with many classes
- Safety documentation packages (available from Microsoft) enabling the use in application targeting IEC 61508, IEC 62304, ISO 26262
- **High security assurance** from hardware to software, including middleware such as TLS/DTLS and cryptography
- STM32 granted production license: <u>https://github.com/azure-rtos/guix/blob/master/LICENSED-HARDWARE.txt</u>





Azure RTOS Availability within STM32 and STM32Cube portfolio

Through STM32Cube Expansion for several existing STM32 series



Available now

st.com or GitHub

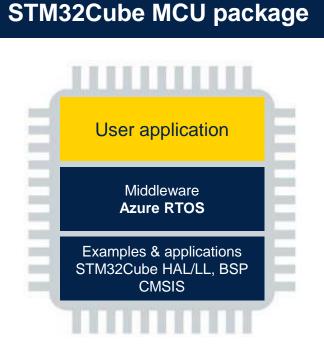






Azure RTOS deployment within STM32 and STM32Cube portfolio

STM32Cube native support for all new STM32 series





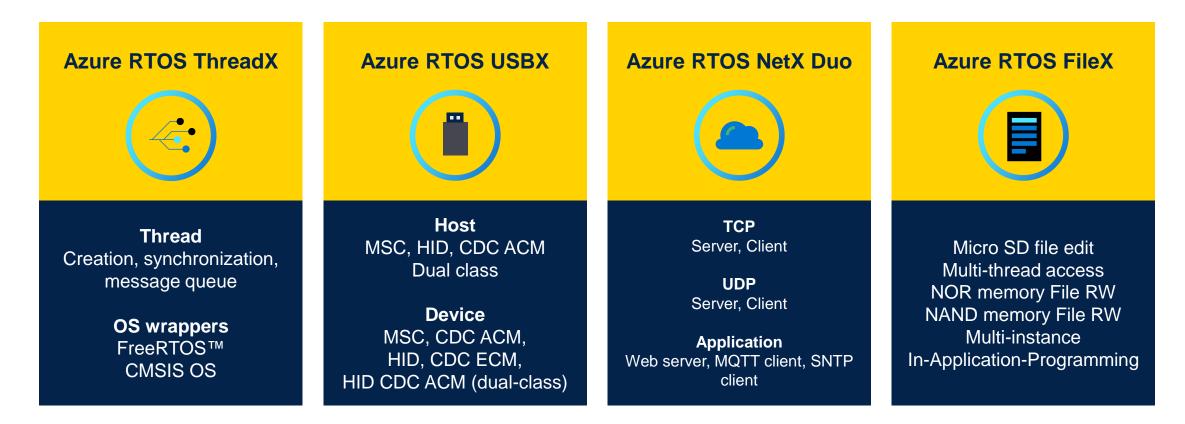
Available now st.com or GitHub





Getting started with Azure RTOS examples

Start from STM32CubeMX or from ready-to-use examples to easily get up to speed with Azure RTOS

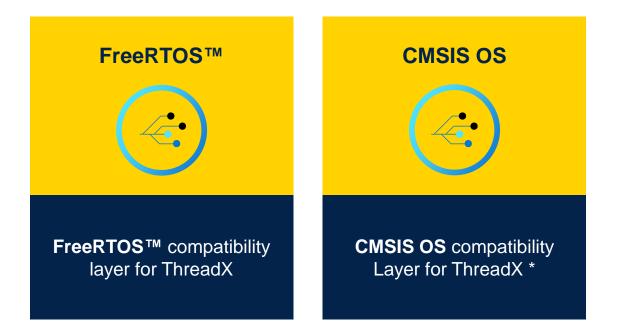




Migrate to Azure RTOS



Keep your application layer, simply integrate an industry-leading real time operating system



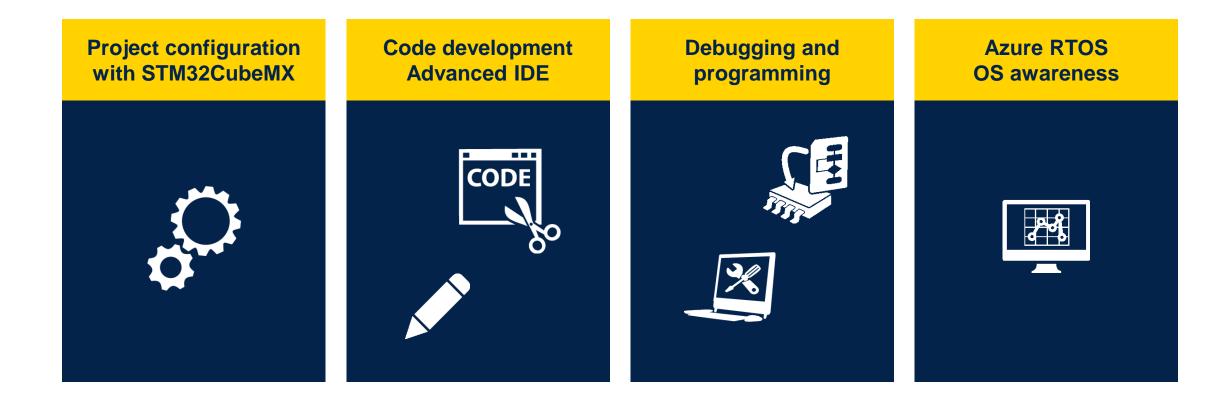
* Offer exclusive to the STM32





Azure RTOS supported by STM32Cube Toolset

Supporting Azure RTOS ThreadX-aware debugging









Azure RTOS and STM32Cube: user benefits

Getting the most out of Azure RTOS and STM32 MCUs is now easier than ever with STM32Cube

Source code available Free of charge User-friendly license terms



Drastically reduced learning curve:

- Azure RTOS made compatible with ST toolset
- Many applicative examples provided Developers can focus on their application and differentiators



Expanding the ecosystem of existing and upcoming STM32 series by leveraging the Azure RTOS middleware



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Our technology starts with You



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