



bluewind



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Partner



## BLUEWIND IS AN OFFICIAL SUB-LICENSOR FOR ST SPC5 AUTOSAR MCAL

Bluewind has been appointed as a Qualified Distributor and System Integrator of ST SPC5 AUTOSAR MCAL software.



### ST SPC5 AUTOSAR MCAL

ST SPC5 AUTOSAR MCAL refers to the Microcontroller Abstraction Layer (MCAL) for the SPC5 series of 32-bit microcontrollers by STMicroelectronics, designed to be compliant with AUTOSAR standards.

This software architecture aims to standardize automotive software, enabling easier software and hardware updates throughout the vehicle's service life.

### BLUEWIND OFFICIAL SUB-LICENSOR

- While providing the software, Bluewind supports the customer from the Safety concept definition to the System Integration according to A-SPICE, ISO 26262, IEC 61508 and other relevant processes.
- Bluewind applies Cybersecurity by design, (i.e.: ISO 21434 for automotive and IEC 62443 for industrial).
- To design secure and state of art IoT connected platforms, Bluewind relies upon STMicroelectronics AI-on-Edge tools.



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## BLUEWIND & STMICROELECTRONICS

As a key competence center in Functional Safety, Cybersecurity and Artificial Intelligence on the Edge, Bluewind designs state-of-art products by leveraging STMicroelectronics technologies such as:

- Semiconductors (MEMS, Stellar, SPC5 and STM32 Microcontrollers)
- Safety software (ST SPC5 AUTOSAR MCAL, Core Self-Test)
- Artificial Intelligence software (StellarStudioAI, SPC5-STUDIO-AI, STM32Cube.AI)

Bluewind's engineering expertise, coupled with STMicroelectronics safety products, guarantees that clients' projects meet rigorous quality standards, delivering robust and fail-safe solutions for critical systems.



### CUSTOMER SUPPORT

Process-Oriented software support throughout the entire design life cycle.



### SAFETY COMPLIANCE

Compliance with standards like A-SPICE, ISO 26262, and IEC 61508 is ensured.



### EFFICIENCY

Customers receive exceptional tailored service promptly, without unnecessary delays.

