

# ARM BSP/BSW Criticality B Qualification

---

## Presentation Days June 2024

- Budget: 225,000 € (FFP)
- Duration: 21 months ( from 27/01/2022 to 09/11/2023 )
- Prime: N7 Space Sp. z o.o.
- Main Objectives:
  1. Development and pre-qualification of a Bootloader and a BSP SW library (continuation of former ESA activity):
    - ❖ SAVOIR-compliant BSW [ SAVOIR-GS-002 i2 r2 ]
    - ❖ pre-qualification data package prepared according to ECSS criticality level B (excluding ISVV), ready for streamlined qualification in future missions
    - ❖ Data package validated on development board for ARM SAMRH71F20 and SAMV71Q21(RT) microcontrollers.
  2. Integration of pre-qualified BSP with RTEMS operating system, that can be used to build application software upon.