Wind River Delivers Highest Levels of Certification Evidence for Critical Infrastructure

ALAMEDA, CA – Dec. 17, 2018 – [Wind River®](#), a leader in delivering IoT software for critical infrastructure, today announced the release of a full suite of automotive, avionics, and industrial safety certification evidence for the latest version of VxWorks® Cert Edition. The real-time operating system (RTOS) for safety-critical applications is designed and developed to the highest achievable safety levels accepted by worldwide certification authorities.

VxWorks solutions have been used in more than 550 safety certification programs by more than 350 customers across industries. This most recent suite of certification evidence builds on Wind River's 20-plus years of experience in safety certification software products, and demonstrates the company's commitment to industry-leading safe, secure, and reliable solutions.

Like the RTOS itself, the commercial off-the-shelf (COTS) evidence is designed for reuse and portability with long-term cost-of-ownership benefits for safety-critical projects, including those specifically targeting compliance to the following standards:

- Automotive: ISO 26262 Automotive Safety Integrity Level (ASIL) D backed by certificates issued by independently accredited certification authority TÜV SÜD
- Avionics: DO-178C Design Assurance Level (DAL) A
- Industrial: IEC 61508 Safety Integrity Level (SIL) 3 backed by certificates issued by independently accredited certification authority TÜV SÜD

"With this latest addition of robust certification evidence, Wind River continues its unsurpassed legacy of delivering to our customers comprehensive safety offerings and certification expertise, with a focus on reducing program risk and enabling faster time-to-market," said Michel Genard, vice president of operating environments, Wind River. "Relevant for a diverse range of applications such as autonomous driving, next-generation avionics, and industrial automation, the evidence sets are backed by Wind River's professional services, support, and maintenance, ensuring best-in-industry experience as programs move forward to full system certification."

In addition to VxWorks Cert Edition, the Wind River safety portfolio includes the VxWorks 653 integrated modular avionics (IMA) platform. More information about Wind River safety platforms is available at www.windriver.com/products/vxworks/certification-profiles/.

About Wind River
Wind River is a global leader in delivering software for the Internet of Things. The company's technology has been powering the safest, most secure devices in world since 1981, and is found in more than 2 billion products. Wind River offers a comprehensive portfolio, supported by world-class global professional services and support and a broad partner ecosystem. Wind River software and expertise are accelerating digital transformation of critical infrastructure systems that demand the highest levels of safety, security, performance, and reliability. To learn more, visit Wind River at www.windriver.com.

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