

Wind River VxWorks MILS Platform Currently Being Evaluated By Boeing, Lockheed Martin and Raytheon

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Wind River announced that Boeing, Lockheed Martin Corporation, and Raytheon Company are among the companies currently evaluating early access releases of VxWorks MILS Platform 2.0. The MILS (multiple independent levels of security) infrastructure enables development of multi-level secure systems that process classified data at all levels simultaneously, including downgraders, guards, and other cross-domain applications. The VxWorks MILS Platform will enable multiple teams working in parallel to build the systems. Wind River's VxWorks MILS Platform will offer significant advantages in terms of time to deployment and also reduces later cost-of-change. When the general availability version is released, Wind River's VxWorks MILS Platform 2.0 will provide customers with a robust operating system foundation and an award-winning development environment to build these MILS-based systems. The platform will also offer a single development environment for customers creating complex defense and aerospace systems that require extremely high performance and a high level of security assurance.

The VxWorks MILS Platform 2.0 will include:

- VxWorks MILS separation kernel, developed to conform to the NIAP-validated U.S. Government Protection Profile for Separation Kernels in Environments Requiring High Robustness, Version 1.03;
- Direct support for high-assurance customer applications such as guards and downgraders in partitions through Wind River High-Assurance Environment;
- Wind River VxWorks real-time operating system (RTOS) in partitions, permitting direct porting of existing VxWorks applications;
- Wind River industry-specific networking technology stacks including IPv4, UDP, and TCP;
- An extensive offering of targeted drivers and partner middleware; and
- Wind River Workbench, the leading Eclipse-based development suite.

Evaluation of VxWorks MILS Platform is in progress to Evaluation Assurance Level 6+ / High Robustness under the international Common Criteria for Information Technology Security Evaluation.

About Wind River

Wind River is the global leader in device software optimization (DSO). Wind River enables companies to develop, run and manage device software faster, better, at lower cost and more reliably. Wind River platforms are pre-integrated, fully standardized, enterprise-wide development solutions. They reduce effort, cost and risk and optimize quality and reliability at all phases of the device software development process from concept to deployed product.

Founded in 1981, Wind River is headquartered in Alameda, California, with operations worldwide. To learn more, call 1-800-872-4977 or visit Wind River at www.windriver.com.

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