

## VxWorks Customer Success Snapshots

Wind River VxWorks platforms are complete, flexible, optimized commercial off-the-shelf (COTS) development and run-time platforms that work across the enterprise. The platforms are optimized for a range of devices, from aerospace and defense (A&D) applications to networking and consumer electronics, robotics and industrial applications, precision medical instruments, and car navigation and telematics systems. Read how several leading companies from these sectors are using VxWorks platforms to develop secure, intelligent, and connected devices.

### Data Robotics

To develop an effortless RAID-free storage robot, Data Robotics needed a robust real-time operating system (RTOS). Wind River Platform for Consumer Devices, VxWorks Edition provided the company with the fast-boot, small-footprint run-time environment it needed to make its product stand out and receive CNET's Editor's Choice Award.

*"The Wind River solution is an essential part of our future success because it will continue to give us a competitive advantage and help us get quality products to market quickly."*

— Mark Herbert  
Vice President of Engineering  
Data Robotics

data robotics, inc.

### Airspan Networks

When Airspan wanted to build a next-generation wireless WiMAX subscriber station, the company determined that Wind River was the only Device Software Optimization (DSO) vendor that could provide all the necessary development components: an RTOS, device management, a high-performance router stack, and advanced networking technologies.

*"Wind River allowed Airspan to accelerate time-to-market and ensure reliability of its end product with a standards-based solution that supports current and emerging networking standards."*

— Paul Senior  
Chief Technical Officer  
Airspan Networks



### Thales Group

Thales, a leading international electronics and systems group for defense, aerospace, and security markets worldwide, relied upon Wind River's VxWorks mission-critical RTOS to power its state-of-the-art non-hull-penetrating optronic mast for the U.K. Royal Navy's new Astute-class submarines.

*"VxWorks has a pedigree that makes it an obvious choice for use in a high-reliability, safety-related environment. Its support for multiple platforms has allowed Thales to rationalize its use of third-party RTOSes and thereby reduce target platform variability from one project to the next. This consistency between projects, through standardization on VxWorks, results in development cost savings."*

— Jack Cunningham  
Head of Discipline (Software)  
Thales Optronics

THALES

## National Instruments

National Instruments offers hardware and graphical system design platforms for customers spanning from the food industry to semiconductor manufacturing. As the company grew, it needed an RTOS and a standardized developer toolset that would meet several key technical and business requirements. Wind River satisfied these needs and helped NI shorten development time and move into new markets.

*"It would be difficult to address the breadth of products without the Wind River VxWorks platform. Our ability to move on market opportunities is largely based on key collaborations with technology leaders, including Wind River."*

— John Hanks  
Vice President of Data  
Acquisition and Industrial Control  
National Instruments



## Mobile Technika

Mobile Technika offers products and services for the growing Wi-Fi Internet Protocol (IP) communications marketplace. Wind River's VxWorks helped the company enhance the quality, performance, and efficiency of its next-generation Wi-Fi IP phones and communications server.

*"VxWorks offers a long history of reliability that no other operating system affords. It provides good performance in the low-layer sections for software and hardware in the area of power management, for example, and provides good balance between stability and performance."*

— Takashi Matsukura  
Development Sales  
Department Manager  
Mobile Technika



## Northrop Grumman

Northrop Grumman chose Wind River VxWorks 653 as the device software platform for its X-47B Navy-Unmanned Aerial Combat System (N-UCAS). The platform enables Northrop Grumman developers to reliably and rapidly create, deploy, and maintain critical Integrated Modular Avionics (IMA) applications.

*"We chose Wind River because of our successful past use of VxWorks and its forward-looking product strategy that allows us to migrate to ARINC 653 and secure multiple independent levels of security (MILS) systems. The platform enables reductions in device size, weight, and power, thereby reducing significant design, engineering, and production risks."*

— Tighe Parmenter  
Manager, X-47B Navy UCAS Business  
Strategy and Development  
Northrop Grumman



**WIND RIVER**

Wind River is the global leader in Device Software Optimization (DSO). We enable companies to develop, run, and manage device software faster, better, at lower cost, and more reliably. [www.windriver.com](http://www.windriver.com)

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