

# THE SOFTWARE-DEFINED INTELLIGENT SYSTEMS WORLD

**In a world increasingly driven by software innovation, Wind River® is pioneering the technologies to accelerate digital transformation across industries and advance mission-critical intelligent systems with the highest standards for safety, security, performance, and reliability.**

Wind River operates on the fundamental belief that some things are so important they simply cannot fail; this is why we exist. This belief imparts vital energy and urgency into our work and the way we operate, execute, and respond.

For four decades, Wind River has helped the world's leading technology companies power generation after generation of the safest, most secure devices in the world. And in a new era of autonomy and connectivity, Wind River continues to lead the way. Our software runs the "can't fail" computing systems of the most important modern infrastructure, including aircraft, rail, automobiles, medical devices, manufacturing plants, energy and utilities, and communications networks.

Our technology is in billions of devices throughout the world and is backed by our industry-leading professional services, award-winning customer support, and robust partner ecosystem.

## WHY WIND RIVER?

The core capabilities that have been the hallmark of Wind River software are more important than ever as we continue to accelerate digital transformation of critical infrastructure in a software-defined world.

- **Safety certification:** Our portfolio includes rigorously tested and certified tools and technologies to meet specific regulatory and safety performance requirements.
- **Security:** Our products provide a comprehensive set of security features to efficiently and effectively safeguard devices, data, and intellectual property in the connected world, securing it while it is at rest inside devices and when it travels across the network and into cloud environments. Our built-in security capabilities and security services offering, along with our development processes, meet rigorous security requirements across industries.
- **Reliability and performance:** As makers of the industry's first and leading real-time operating system (RTOS), ensuring the highest levels of computing performance is second nature for us. Now, we are helping bring such performance standards to IoT.

## OUR CUSTOMERS

Our products are used across all major critical infrastructure sectors by the world's leading manufacturers, system integrators, enterprises, and governments. A sampling of customers includes:

- **Aerospace and defense:** Airbus Group, BAE Systems, Boeing, Lockheed Martin, Northrop Grumman, GE, Honeywell
- **Automotive:** BMW, Fiat, Ford, General Motors, Honda, Johnson Controls, Valeo Group
- **Industrial:** ABB, KUKA, Mitsubishi, Rockwell Automation, Schneider Electric, Siemens, Toshiba
- **Medical:** GE Healthcare, Olympus, Stryker, Varian
- **Telecommunications:** ARRIS, Avaya, Ciena, Ericsson, T-Systems, Verizon, Vodafone

## WIND RIVER STUDIO

Wind River Studio is our unique cloud-native offering for the development, deployment, operations, and servicing of mission-critical intelligent systems from devices to cloud. Studio includes the following technologies:

### EDGE-TO-CLOUD

#### VxWorks

The industry's most widely deployed real-time operating system

#### Wind River Linux

The leading commercial embedded Linux operating system, providing the benefits of open source with the assurance of our award-winning support and services

#### Wind River Helix Virtualization Platform

An edge compute software platform that consolidates multi-OS and mixed-criticality applications for the aerospace, automotive, defense, industrial, and medical markets

#### Wind River Studio Cloud Platform

A production-grade Kubernetes solution that makes 5G possible by solving the operational problem of deploying and managing distributed edge cloud networks at scale

#### Wind River Studio Conductor

Industry-unique, distributed, edge-aware, end-to-end automation to ease infrastructure management, application deployment, and public cloud integration

#### Wind River Studio Analytics

An integrated data collection, monitoring, analysis, and reporting tool used to optimize distributed network operation using AI/ML generated insights for intelligent and automated decision making

### SIMULATION AND DIGITAL TWIN

#### Wind River Simics

A powerful simulation environment with the ability to simulate nearly anything, from a single chip to complex systems, providing powerful development and test capabilities

### SECURITY

#### Wind River Titanium Security Suite

A security suite from Star Lab, the Wind River Technology Protection and Cybersecurity Group, that includes anti-tamper protection, cybersecurity controls, and data-at-rest encryption.

### COMPILER

#### Wind River Diab Compiler

A tool for compiling source code for mission-critical applications, helping software teams boost application performance and reduce memory footprint

### OUR ECOSYSTEM

Wind River runs one of the embedded industry's largest partner ecosystems, including more than 175 hardware suppliers, system integrators, independent software vendors, and semiconductor makers. Together, we help our mutual customers navigate the evolving technology landscape.

### INDUSTRY LEADERSHIP

- Named Edge Compute Operating Systems Platforms market leader by VDC Research, The Global Market for IoT and Embedded Operating Systems, 2021
- Bronze Stevie Award, American Business Award for Wind River Studio, 2021
- Cloud Computing Excellence Award for Wind River Studio, 2021
- Communications Solutions of the Year Award for Wind River Studio, 2021

### OUR HISTORY

Founded: 1981  
IPO: 1993  
Acquired by Intel: 2009  
Acquired by TPG: 2018

WINDRIVER