Research: Operating System: VxWorks

VxWorks is a real-time operating system developed as proprietary software by Wind River Systems, a wholly owned subsidiary of TPG Capital, US. First released in 1987, VxWorks is designed for use in embedded systems requiring real-time, deterministic performance and, in many cases, safety and security certification, for industries, such as aerospace and defense, medical devices, industrial equipment, robotics, energy, transportation, network infrastructure, automotive, and consumer electronics.

# FEATURES

VxWorks contains a broad suite of advanced features and protocols that help address a host of specialized needs unique to specific industries.

* Industry-Leading RTOS
* File System
* Networking
* Connectivity
* Multimedia
* Security
* Safety

# TOOLS

For nearly 40 years Wind River has been creating, supporting, and integrating best-in-class tools for embedded software application development. Application developers from the world’s leading manufacturers and integrators use our modern tools portfolio to build higher quality, more efficient, and faster edge computing solutions for their critical infrastructure.

* Wind River Workbench
* VxWorks compilers and frameworks
* Wind River Simics