Wind River Device Management

Three metrics measure the market value of today’s intelligent, connected devices: features, performance, and uptime. The Wind River Device Management product line provides original equipment manufacturers (OEMs) with a robust, scalable diagnostics infrastructure for enhancing performance and optimizing uptime throughout the device life cycle.

The Challenge: Streamline Software Processes
How much does your product cost to make? How fast can you get it to market? Once it gets there, how well does it perform? How long will it remain compelling to your customers?

These questions resonate with Wind River customers in every market. Increasingly, the value of our customers’ products is in the software. Because that software is increasingly complex, more and more resources are invested in developing, integrating, testing, and supporting it. Because electronics manufacturers trust Wind River to occupy the leading edge of embedded technology, they turn to us for an innovative, stable, and affordable solution.

Device Management: Where Technology and Business Meet
Wind River Device Management products offer OEMs the technological answer to their pressing business questions. Combining groundbreaking diagnostic technology with a secure, enterprise-class collaboration infrastructure, Device Management links development, QA, and support teams in a persistent, powerful information loop that prevents wasted brain power, money, and time. The net effect is a persistent connection to the end customer and an enhanced user experience.

The Device Management line includes two complementary products:

- **Lab Diagnostics** is a distributed software diagnostics system that enables development and test engineers to collaborate effectively to test and repair running software before deployment—an estimated 30–50%* faster than is customary today.
- **Field Diagnostics** is a scalable remote diagnostics system that enables OEMs to securely access, collect, and manage deployed devices to diagnose and correct faults—30–40% faster than they can now.

*Figures based on customer estimates

The Device Management infrastructure links developers, QA, support teams, and customers.
Wind River: A Trustworthy Vendor and Advisor

Several of the world’s largest industrial, medical, and network infrastructure companies have built proprietary solutions to the challenges of an extended device life cycle. Of these, most have found the effort hard to implement and expensive to support and maintain. Wind River Device Management—the most powerful and integrated device diagnostics solution on the market—is also the only one that’s commercially available, thoroughly documented, and supported by a respected software vendor. It is standards-based and easy to master.

Tangible Benefits Across Your Enterprise

Your engineering, test, and support teams will find many reasons to appreciate these products and their impact on everyday job effectiveness. The improvements add up to:

- Fewer tools, used better
- Lower investment in infrastructure
- Little or no loss of engineering expertise
- More thorough and rigorous exercise of application code
- Fact-based resolution of software faults
- Faster diagnosis and repair of deployed products
- Reduced risk
- Greater uptime
- Higher customer satisfaction

Wind River Device Management will enable you to consolidate your competitive advantage through streamlined development, improved test coverage, and better field support.

An Invitation: Assess the Value to Your Company

Wind River Device Management products support several popular operating systems and chipsets. They “snap into” standards-based embedded development tool chains, complementing the test and support mechanisms you already have in place. You don’t have to be at the start of a development cycle to benefit from adopting them. The barriers to change are relatively small.

When your management team is ready to optimize your development and support process, we suggest that you begin with an internal assessment. Use our Cost Analysis Worksheet to see how much time and money you spend on development and support tasks now, and how much you may save by implementing Device Management. Our product specialists are ready to help you undertake a detailed technology review to get started.

For More Information

To learn more about Wind River Device Management solutions, please call 800-545-9463 or visit www.windriver.com.