



A Practical Business Case for Modernizing Beyond VMware

Modernizing cloud platforms takes more than replacing virtualization. Organizations need a flexible platform that supports virtual machines, containers, and distributed edge environments. Wind River delivers production-proven infrastructure, unified operations, and a path to AI readiness.

WHY MODERNIZE BEYOND VMWARE?

Modernizing beyond VMware is an opportunity to build a modern cloud platform that reduces costs, simplifies operations, supports AI initiatives, and provides the flexibility to evolve with changing business needs. Successful modernization requires addressing five key priorities.

- 1. Build a strong business case for modernization.**
Reduce capital and operational costs while improving operational efficiency and visibility, delivering measurable business value from day one and a lower total cost of ownership over time.
- 2. Build the right cloud platform for AI.**
Enable AI workloads across centralized and distributed environments while simplifying AI operations and accelerating adoption with a cloud platform designed for modern infrastructure.
- 3. Preserve flexibility as your business evolves.**
Build on open technologies that reduce vendor lock-in and provide the flexibility to adapt as business and infrastructure requirements evolve.
- 4. Modernize without starting over.**
Support existing virtual machine workloads while adopting containers over time on a unified cloud platform. Modernize incrementally, reduce migration risk, and leverage expert services to accelerate your journey with confidence.
- 5. Build confidence through proven operational experience.**
Choose a production-proven cloud platform that delivers operational resilience, business continuity, and the confidence required to support mission-critical workloads.

WHY WIND RIVER?

Wind River's private cloud solution combines a small-footprint cloud infrastructure, intelligent automation, operational intelligence, and migration expertise to help organizations modernize beyond VMware with confidence.

Modernization Priority	How Wind River Helps
Build a Strong Business Case	Small-footprint cloud infrastructure, automation, and operational intelligence help improve hardware efficiency, reduce operational effort, and lower infrastructure operating costs.
Enable AI Initiatives	Wind River provides a cloud foundation designed to support AI workloads across centralized and distributed environments while simplifying operations and accelerating adoption.
Preserve Long-Term Flexibility	Built on open technologies including StarlingX, Kubernetes, and OpenStack, Wind River provides flexibility to evolve as workload and infrastructure requirements change.
Modernize Incrementally	Support virtual machines and containers on a unified platform while using migration expertise to reduce disruption and modernize workloads over time.
Operate with Confidence	Production-proven infrastructure, consistent lifecycle automation, and operational intelligence help standardize processes, improve efficiency, and support business continuity across distributed environments.

BUSINESS CASE FOR MODERNIZING BEYOND VMWARE

Business Impact Analysis

The following examples illustrate potential business impact across hardware efficiency, operational efficiency, and infrastructure operating costs using representative deployment and operational assumptions.

Business Impact Highlights



400

CPU Cores Reclaimed

Compute capacity returned to business workloads through a smaller infrastructure footprint.



+40%

Workload Capacity

Additional compute resources available for growth without immediate hardware expansion.



~\$400K

Potential Hardware Deferral

Avoid approximately 40 additional servers based on representative acquisition costs.



\$50K-\$385K

Annual Labor Savings Potential

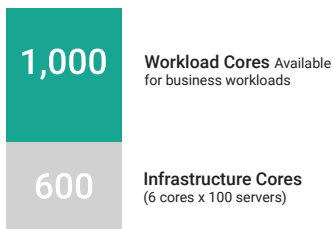
Operational efficiencies achieved through automation, orchestration, and lifecycle management.

Increase Hardware Efficiency

Wind River Cloud Platform requires fewer CPU resources for infrastructure services, allowing organizations to allocate more compute capacity to business workloads.

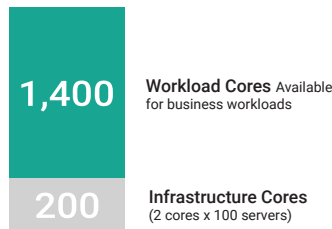
Alternative Virtualization Platform

6 CPU cores per server for infrastructure services



Wind River Cloud Platform

2 CPU cores per server for infrastructure services



Representative Deployment Assumptions:



100 physical servers



16 CPU cores per server



1,600 total CPU cores

Business Value

- Maximize existing hardware investments by making more compute capacity available for business workloads.
- Mitigate hardware supply constraints by supporting business growth despite server shortages and OEM backlogs.
- Accelerate AI adoption by deploying new AI workloads without immediate infrastructure expansion.
- Extend server refresh cycles by increasing available workload capacity.
- Absorb temporary demand spikes without purchasing additional hardware.



Reduce Operational Costs

Automation of deployment, lifecycle management, monitoring, orchestration, and operational intelligence reduces manual effort across day-to-day cloud operations.

Representative operational models, from highly automated to manual and operationally complex environments, illustrate varying opportunities for operational improvement. Organizations may realize approximately \$50K–\$385K in annual labor savings, depending on their current level of operational maturity.



Lower Infrastructure Operating Costs

The platform's small footprint reduces platform overhead, allowing more infrastructure resources to support business workloads while lowering ongoing power and cooling requirements. For a representative 100-server deployment, organizations may realize additional reductions in infrastructure operating costs through improved resource utilization and lower energy consumption.

Representative Assumptions Used in This Analysis

- Representative deployment of 100 physical servers
- Representative alternative virtualization platform uses 6 CPU cores per server for infrastructure services
- Wind River Cloud Platform uses 2 CPU cores per server for platform services
- Hardware acquisition cost of \$10K per server
- Representative operational models ranging from highly automated to manual and operationally complex environments

Illustrative analysis intended for business discussion only. Estimates are based on representative assumptions and are intended to demonstrate the potential business impact of cloud platform modernization. Actual customer results will vary based on infrastructure architecture, workload characteristics, operational maturity, staffing model, and business objectives.