



11 REASONS WHY OPEN RAN AND VRAN WORK BETTER WITH WIND RIVER

1. **The first and only proven solution:** Wind River® provides the only commercially deployed 5G Open RAN solution in the world. This gives a significant go-to-market advantage for CSPs looking to deliver new services on the edge.
2. **The only scalable and distributed cloud for true carrier scale:** The edge-to-core infrastructure is capable of supporting and managing large-scale, geographically dispersed deployments ranging from a single node up to thousands.
3. **The only field-proven, partner-integrated architecture:** Wind River offers the only field-proven partner integration with the leading RAN application and hardware providers. This gives CSPs near complete choice in how they build their 5G vRAN/O-RAN environment over time, as their needs change.
4. **The only end-to-end solution in the market:** The complete solution provides operational tools hardened by actual network deployment for Wind River Studio, with integrated container management, AI/ML analytics, and automation and orchestration. In a complex environment, end-to-end solutions ensure efficiency and effectiveness, as all the components work seamlessly.
5. **Architected to reduce friction and increase ease of operation:** The offering includes features such as zero-touch provisioning and single-pane-of-glass management to reduce friction and complexity.
6. **The highest vRAN/O-RAN reliability:** Wind River offers a high-availability solution exceeding five-nines reliability in production deployments, with features such as live software upgrades to ensure that the network stays up-to-date without service downtime. It allows you to benefit from the innovation advantages of vRAN/O-RAN with the comfort inherent in traditional RAN environments.
7. **Designed to be cost efficient for a greener world:** The ability to run on a single node, on dual node for high availability, and on as few as two cores (soon a single core) frees up more compute power for revenue-generating applications. The solution enables up to 30% TCO reduction with Open RAN vs. traditional RAN.
8. **Leveraging a customer-first open source approach:** Wind River Studio Cloud Platform is commercially supported StarlingX, a complete cloud-native distributed edge cloud infrastructure. It is designed to deliver customer needs first and to constantly infuse community improvements into the experience.
9. **Built for the future, operational today:** Studio enables brownfield and greenfield deployments by supporting VMs and containers within a single system. It also supports public, private, and hybrid cloud implementations, enabling you to run and manage your entire edge network.
10. **Industry-leading low latency and throughput:** The best deterministic low latency possible and 50% more throughput compared to the competition ensures that URLLC and eMBB use cases are successful. Plus, lower latency enables more efficient coverage through RU/DU pooling.
11. **Setting the standard:** Wind River built the standard platform for the O-RAN Alliance/O-RAN Software Community, providing infrastructure for Work Group 6. Vodafone's OpenRAN deployment in the U.K. runs on Studio Cloud Platform.