

DEPLOY: DISTRIBUTED CLOUD

USING ESTABLISHED BEST PRACTICES TO MOVE TOWARD OPEN INNOVATION

THE CHALLENGE

A Tier 1 communications service provider has decided to deploy its 5G network using an Open RAN infrastructure. Its goal is to break the lock of its current vendors and take advantage of the increased innovation and flexibility expected from a more diverse and competitive ecosystem.

Open RAN supports the move from legacy network appliances to a disaggregated open network, separating hardware, software infrastructure, and applications. It gives communications service providers the opportunity to select best-of-breed components to custom fit their unique scenarios at any point in the network lifecycle.

However, disaggregating the components increases the complexity of managing an already complex geo-distributed network. In addition, Open RAN is relatively new. To be considered viable, it must be proven to meet or exceed traditional RAN equipment performance.

THE SOLUTION

Wind River® Studio is the only commercially deployed and proven purpose-built distributed cloud platform engineered for virtual and Open RAN. It not only meets 5G requirements, including low latency and high availability, but it also provides Day 2 features for ease of operation to reduce the total cost of ownership.

Studio is the only such infrastructure in live deployment with Tier 1 operators, at scale, today.

THE RESULTS

Each new telecom customer can rely on the Wind River team's two years of unique experience and learning to help accelerate its Open RAN deployment.



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