Wind River Studio
Operator Capabilities: Conductor

As service providers connect the unconnected, attract new categories of customers, and drive value from those connections, they will need a way to deploy new 5G services to satisfy customer needs across a complex network of public and private clouds and sub-clouds.

Wind River® Studio Conductor gives you a single pane of glass to manage and automate application deployment in a large-scale distributed environment. Pick the applications you need from an app catalog, deploy them to a carrier-grade cloud platform, and orchestrate the resources needed for the applications — simply, intuitively, and logically. Scale from a handful of nodes to thousands of nodes in a geographically dispersed distributed environment.

BENEFITS

Conductor serves as a foundation for software-driven service delivery that helps control costs while enabling provisioning within minutes.

- **Faster time-to-revenue:** Automate new revenue-generating services in minutes rather than weeks or months.

- **Lower operational cost through efficient deployment and scale:** Program service creation across multiple sites and automatically deploy across thousands of clouds and sub-clouds, public and private.

- **Increase compliance and reduce security errors:** Pick preconfigured services from an app catalog with drag-and-drop service creation, minimizing human error and making it easier to enforce IT policies.

- **Simplify management of complex topology:** Deploy and manage across clouds, sub-clouds, and private and public networks.

KEY FEATURES

- Multi-cloud orchestration made easy
- User-friendly drag-and-drop graphic editor
- TOSCA-based blueprint modeling
- Kubernetes management
- Customizable portal and catalog service
- Network and NFV orchestration
- Role-based access control for improved security

USE CASE

5G virtual RAN (vRAN) networks are being designed with a geo-distributed virtu-alization approach to accommodate applications that are fully software-based and dependent on ultra-reliable low-latency communication (URLLC) access from the edge to the core. This new network architecture will have tens of thousands of deployed compute nodes within a single operator's infrastructure. Telco operators are looking to Studio's production-grade Kubernetes for the distributed edge. They need automation capabilities to deploy services rapidly across a complex, geo-distributed network, and Studio is the optimal solution for these deployments.

CARRIER SUPPORT

Studio is backed by our award-winning global support organization. We offer live help in multiple time zones with 24/7/365 emergency recovery and service restoration and standard Tier 1 and 2 break/fix support. The online Wind River Support Network, with multifaceted self-help options and optional premium services, provides developers the fastest possible time-to-resolution. For more information, visit www.windriver.com/support.

HOW TO PURCHASE

To discuss how Wind River Studio can help you deploy and manage your distributed edge network, contact your Wind River account manager or visit www.windriver.com/contact.

AUTOMATION AT A GLANCE

- **Efficiently deploy and scale:** *Automate deployment across thousands of sites.*

- **Intuitive, simple:** *Use an app catalog with drag-and-drop service creation.*

- **Flexible deployment:** *Deploy and manage across clouds, sub-clouds, and private and public networks.*

WNDRVR