WIND RIVER TITANIUM CLOUD

The world's only fully integrated, ultrareliable, and deployment-ready virtualization software platform, Wind River® Titanium Cloud™ provides ultrareliability and exceptional performance efficiencies for telecommunications networks.

Carrier grade NFV infrastructure protects service providers' revenue.

Telecom service level agreements (SLAs) can only be met with infrastructure that maintains six-nines (99.9999%) availability, which means less than 30 seconds of downtime per year. Titanium Cloud delivers this availability through advanced features such as accelerated virtual machine (VM) migration, automatic fault detection and recovery, hitless patching and upgrades, and telecom-grade AAA security—enabling service providers to meet SLAs.
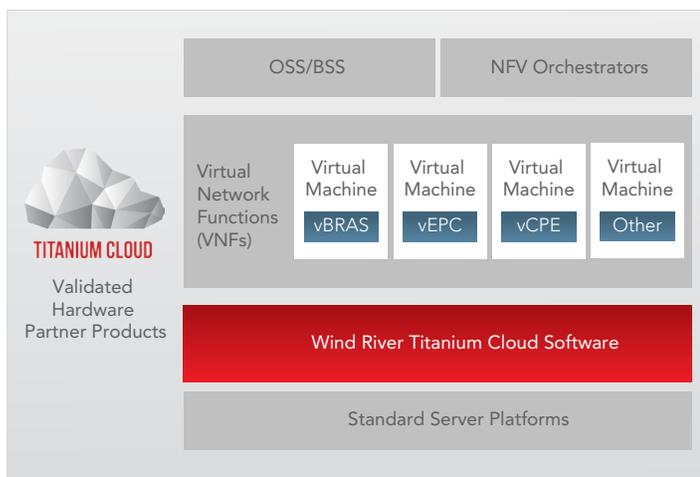

Figure 1. Titanium Cloud Diagram

Industry-leading performance maximizes OPEX improvements.

With virtual switching performance that is 40 times faster than Open vSwitch, Titanium Cloud maximizes the number of processor cores available for running VMs and minimizes the number that you need to dedicate to virtual switching. This, in turn, maximizes the number of subscribers you can support per server and thereby minimizes your operating expenses, so you can achieve one of the key benefits promised by NFV.

Integrated solution accelerates deployment time, enabling market share growth.

Titanium Cloud is a fully integrated and prepackaged NFV infrastructure (NFVI) software platform. Beat your competitors to market by two years by deploying Titanium Cloud now rather than starting from scratch with a "roll-your-own" approach. Focus your engineering resources on the service-level innovations that will enable you to gain market share by leveraging the benefits of NFV.

Full compatibility with open standards avoids any risk of vendor lock-in.

Titanium Cloud is a fully open solution that is 100% compatible with all relevant industry standards and APIs. You can deploy Titanium Cloud in full confidence that you're not locked into any one NFVI vendor. Compatibility with open standards means you can take advantage of new solutions right away.

Titanium Cloud Ecosystem ensures availability of validated end-to-end solutions.

Minimize your NFV deployment time and schedule risk with the Wind River Titanium Cloud Ecosystem. Choose from a wide range of OSS/BSS solutions, NFV orchestrators, virtual network functions (VNFs), and server platforms—all from industry-leading suppliers—that have already been validated to work correctly and optimally with Titanium Cloud.

Developed by an expert telecom infrastructure team, not an enterprise data center team.

You need proven telecom experts to develop true telco-grade infrastructure, and we have them. The Titanium Cloud engineering team has a long heritage of successful product development in telecom equipment companies. Their proven track record in carrier grade platforms enabled them to address the complex challenges of NFV reliability and deliver the platform you need in order to satisfy your customers.