

## NEWTEC COLLABORATES WITH WIND RIVER ON 5G TECHNOLOGY



*Image credit: Shutterstock*

**SINT-NIKLAAS, Belgium, 22 February 2019** – Newtec – a specialist in the design, development and manufacture of equipment and technologies for satellite communications – today announced it is collaborating with Wind River to utilize the [Wind River Titanium Cloud](#) virtualization platform to develop a Newtec 5G solution based on the [Newtec Dialog®](#) multiservice platform.

3GPP has defined a service-based architecture where flexibility and dynamic adjustments are the key drivers to meet performance and cost requirements. This architecture defines network functions which can be triggered by other services, leveraging virtualization and network slicing.

Wind River's complete Network Functions Virtualization (NFV) software platform infrastructure will help Newtec Dialog leapfrog these 5G requirements. The Titanium Cloud platform delivers the features needed to successfully build and deploy a virtualized network running multiple Virtual Machines.

*"NFV promises lower-cost, highly flexible and scalable infrastructure, as well as providing our customers with the ability to get better service access anywhere in the world," said **Bart Van Poucke, VP Product Management at Newtec**. "The combination of Newtec Dialog with Wind River's Titanium Cloud platform will enable our customers and service providers to scale services up or down quickly to address changing needs. It also simplifies the architecture and enhances scalability which is paramount for 5G."*

**Paul Senyshyn, Vice President of Telecommunications at Wind River, said:** "We are delighted that Newtec has selected the Wind River Titanium Cloud platform for use in its new 5G satellite infrastructure solution. Titanium Cloud delivers the high service reliability, ultra-low latency and low-cost deployments that are critical for scalable satellite communications infrastructure. We are pleased to be collaborating with Newtec as it drives important innovations in this market."

Newtec has signed a joint statement with the European Space Agency (ESA) and a number of industrial companies to carry out trials to demonstrate the use of satellite communications

capabilities integrated and interoperable in the 5G environment, achieve interoperability of networks and demonstrate the functionality, performance and benefits brought by the use of satellite. A first phase is leveraging existing space and ground segment assets and trialling the latest developments, including with newer LEO and MEO constellations.

*“A number of use-cases for 5G over satellite require close interworking with terrestrial mobile networks where NFV/SDN technologies are becoming key and satellite architecture must leverage network orchestration, virtualization and slicing functions to offer a truly seamless connectivity service,” said **Semir Hassanaly, Market Director Mobile Backhaul at Newtec.** “The integration of Wind River’s Titanium Cloud platform is an additional step Newtec is making towards 5G. The same architecture principles will be also leveraged in Newtec’s terminals in the near future, paving the way for a 5G solution addressing Mobile Backhaul, OTT Broadcast, Broadband and Mobility markets.”*

Newtec is attending Mobile World Congress at the Fira Gran Via, in Barcelona, from Monday, February 25 to Thursday, February 28. To book a meeting, please visit: <https://newtec.eu/event/mobile-world-congress-mwc-2019>

- ENDS -

### Your Contacts

#### **Newtec**

Helen Jameson  
PR Manager  
Tel: +44 7878 432 940  
[hjam@newtec.eu](mailto:hjam@newtec.eu)

Visit Newtec at [upcoming events](#) worldwide.

### About Newtec

Newtec, [www.newtec.eu](http://www.newtec.eu), is specialized in designing, developing and manufacturing equipment and technologies for satellite communications. As a pioneer in the industry, Newtec is dedicated to creating new possibilities for the broadcast, consumer and enterprise VSAT, government and defense, cellular backhaul and trunking and mobility, offshore and maritime markets. Our products and technologies can be applied in a wide range of single and multiservice applications from DTH broadcasting, video contribution and distribution and disaster recovery and backbones for cellular backhauling, to small and medium enterprises, SCADA and oil and gas networks, aircrafts and vessels.

Since 1985, our dedicated team of specialists has set industry standards with the most efficient, scalable and economical technology solutions. New challenges and customer needs offer opportunities to explore new boundaries. This empowers us to work even harder, helping customers to perform their best so that, together, we can make the world a safer, more informed and connected place. As a result, more than 3 billion people watch TV every day thanks to Newtec technology.

Newtec is a European company headquartered in Sint-Niklaas, Belgium. Through additional commercial offices in Dubai (UAE), Singapore, Beijing (China), São Paulo (Brazil) and Stamford, CT (USA) as well as an extensive network of over 100 certified partners, Newtec can meet customer’s needs worldwide.