

# EJL Wireless Research Analyzes Mobile Network Function Virtualization (NFV)

*Introduces 5 Steps towards Virtualization; Full Multi-Vendor Interoperability Not on the Horizon*

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/EINPresswire.com/ -- The potential for full interoperability between different [NFV](#) ecosystems remains uncertain as it goes against the current telecommunications equipment vendor business model, according to the latest report from EJL Wireless Research titled “Mobile Network Virtualization Fundamentals.” “We believe the realization of full NFV will be a gradual and long term process. Along the way, new business models for equipment vendors will need to be created and built with the support of service providers. We have introduced the concept for a five step evolutionary process for hardware/software platforms to achieve NFV within the wireless market” says co-author, Donglin Shen. “While we believe that NFV benefits the current business model for equipment vendors within their own ecosystem, the issue of full multi-vendor interoperability highlights the ongoing business model differences between service providers and equipment vendors. It is the similar to full multi-vendor CPRI

interoperability for the fronthaul link” says founder and President, Earl Lum.

The analysis covers the current reference architecture for NFV, the role of the OpenDaylight project, the current ecosystem of equipment vendors as well as the hardware/software platform impact to support NFV. Additionally, the analysis covers the current views on both a virtualized EPC and [virtualized RAN \(vRAN\)](#) within a mobile network as well as virtual baseband units (vBBU) and virtualized base stations (vBS)

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*Earl Lum, President EJL Wireless Research*

## About EJL Wireless Research

EJL Wireless Research provides proprietary, accurate and cutting-edge market analysis and consulting services on the wireless technology ecosystem and defense and aerospace industries. The firm focuses on all vertical elements of the wireless ecosystem including mobile subscribers, mobile operators, mobile handsets, and mobile infrastructure. In

addition, the firm provides analysis across horizontal technology suppliers including RF



semiconductor materials, RF semiconductor/components, subsystems and OEMs. Our goal is to provide our clients with mission critical market analysis and information.

EJL Wireless Research believes it has a corporate responsibility, both local and international, in giving back to the community. Please visit our website for more information about the charitable organizations it supports at: [http://www.ejlwireless.com/corporate\\_responsibility.html](http://www.ejlwireless.com/corporate_responsibility.html).

EJL Wireless Research is managed by Earl Lum. Mr. Lum has more than 20 years of experience within the wireless industry including 8 years as an Equity Research Analyst on Wall Street covering the global wireless industry. The company is headquartered in Salem, NH. For more information about EJL Wireless Research, please visit the company's website at [www.ejlwireless.com](http://www.ejlwireless.com) or our weblog at <http://ejlwireless.wordpress.com>.

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