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Nokia and Federated Wireless Join Forces on Spectrum Innovation

Arlington, Va. — February 24, 2017 – As a continued solidification of the Citizens Broadband Radio Service (CBRS) ecosystem, CBRS Alliance founding members Nokia and Federated Wireless, announced today that they are partnering on creating an LTE solution based on CBRS shared spectrum. Nokia is providing indoor and outdoor CBRS small cells through its [Flexi Zone solution](#), and Federated Wireless is providing the cloud-based spectrum controller that gives operators a cost-effective and dynamic option for accessing this new spectrum.

The CBRS 3.5 GHz band provides much needed spectrum to meet the rapidly growing demand for wireless network capacity, while addressing potential interference and coordination issues with new spectrum sharing and management techniques. Operators have taken notice, and several US operators have escalated their plans to trial the new technology as they continue to densify their mobile networks and prepare for 5G.

Nokia and Federated Wireless are natural partners in this effort. Nokia has a portfolio of technologies and services that leverage their leadership in licensed, unlicensed and now shared spectrum to tailor the network to meet operator demands using the most appropriate core network and access technologies to serve their customers business needs in a highly reliable way. Federated Wireless is the leading provider of spectrum controller technology, and has been working closely with the Federated Communications Commission (FCC) and industry organizations to develop a mechanism for sharing spectrum that is cost-effective and secure.

“Nokia is the expert in mobile technologies, and Federated Wireless is the expert in shared-spectrum management. Each company has a piece of the puzzle, and by working together we can help operators and enterprises discover the possibilities of combining the performance benefits of LTE with an easy deployment model”, said Mark Atkinson, VP/GM, Small Cells and WiFi Solutions at Nokia.

“The rapid adoption of shared spectrum technology by leading industry players such as Nokia is set to transform the wireless industry”, said Iyad Tarazi, CEO of Federated Wireless. “Spectrum innovation is providing a new era in wireless innovation, we’re not just testing interfaces, we’re testing exciting new business models.”

About Nokia

Nokia is a global leader in creating the technologies at the heart of our connected world. Powered by the research and innovation of Nokia Bell Labs, we serve communications service providers, governments, large enterprises and consumers, with the industry's most complete, end-to-end portfolio of products, services and licensing.

From the enabling infrastructure for 5G and the Internet of Things, to emerging applications in virtual reality and digital health, we are shaping the future of technology to transform the human experience. www.nokia.com

About Federated Wireless

Federated Wireless is unlocking a spectrum of possibilities by breaking down barriers to wireless spectrum, giving greater access to operators by creating a shared economy model for what was previously individually licensed. Headquartered in Arlington, Virginia, Federated Wireless is an influential first mover in the industry that has spent the last five years leading the creation of the shared spectrum market from the ground up, developing and nurturing the necessary standards, and working to ensure that customer deployments can be successful in all network environments.

www.federatedwireless.com