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Syniverse, Ruckus and Federated Wireless Enable Private LTE Networks Leveraging Shared CBRS Spectrum for Enterprises

Private LTE network launched at Syniverse Innovation Lab opens
a new era in high-quality, high-security mobility

TAMPA, Fla. – Feb. 26, 2019 – [Syniverse](#) is partnering with [Ruckus Networks, an ARRIS company](#), and [Federated Wireless](#) to allow companies to set up private long-term evolution (LTE) networks using the U.S. Citizens Broadband Radio Service (CBRS) spectrum to power secure data connectivity for the digital transformation of enterprise applications.

“With Syniverse’s secure network capabilities, Ruckus’ connectivity expertise, and Federated Wireless’s spectrum-sharing proficiency, we’ve launched a CBRS-based LTE network in Syniverse’s [Innovation Lab](#),” said [Michael O’Brien](#), Group Vice President, Corporate Development and Strategy, Syniverse. “The network offers service to companies that need to take advantage of an LTE network with in-building and outdoor coverage and capacity expansion on a massive scale. The network offers an alternative to unsecured Wi-Fi connectivity that is easy to deploy and offers cost-efficient local network capabilities.”

Companies often offer subpar Wi-Fi access for guests or employees to use for data connectivity and enterprise applications. By launching an integrated CBRS-backed connectivity solution, companies can enable a higher quality user experience and a higher level of security from cyberattacks over Wi-Fi networks. Known as the ‘innovation band,’ CBRS spectrum was recently freed up by the U.S. Federal Communications Commission (FCC) to foster a wide range of applications that require the mobility, security and quality-of-service attributes of LTE through a dedicated spectrum (150 MHz).

“CBRS marks a new era in mobile services, which makes it easier and less expensive for businesses to meet demanding application requirements,” said Joel Lindholm, Vice President, LTE Business, Ruckus Networks. “A private LTE network enables secure applications, including tablets and handhelds in healthcare environments, transmission of user data in smart meters, and IoT-connected devices in remote areas. Together, we’re opening up compelling new use cases that only private LTE networks can effectively address.”

The private LTE network is being managed through Syniverse’s Innovation Lab and powered by LTE access points (also known as small cells) by Ruckus, a Spectrum Controller by Federated Wireless, and an Evolved Packet Core by Syniverse. Ruckus’ LTE access points offer a range of capabilities for improving wireless coverage, adding targeted capacity and supporting new services and user experiences. Federated Wireless’ Spectrum Controller manages the allocation to provide clean spectrum for the private LTE network while securely sharing with federal incumbents. In parallel, Syniverse’s Evolved Packet Core is a framework for LTE networks that do the heavy lifting involved with cellular radio transmissions and enables the gateways, mobility management systems and databases to allow users to connect to specific



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networks. The entire network is protected by [Syniverse Secure Global Access](#) to prevent companies from being vulnerable to cyberattacks that stem from connectivity via Wi-Fi and the public internet.

“As mobile service continues to become a core element of how the world does business, service quality, efficiency and security have become more critical,” said Iyad Tarazi, President and CEO, Federated Wireless. “CBRS provides a large slice of high-quality, versatile spectrum for commercial use, opening up endless possibilities through new private LTE and industrial IoT applications. This solution harnesses the versatility of CBRS to offer private LTE networks that are easy to set up with high security and outstanding coverage for high-quality user experiences in any environment.”

About Syniverse

Syniverse is the world's most connected company – we pioneer innovations that take business further. Our secure, global network reaches billions of people and devices. Our engagement platform powers the customized experiences of the future. And the millions of secure transactions we drive every minute are revolutionizing how goods and services are exchanged. We have always led companies to reimagine the boundaries of possibility. Today we're delivering on opportunities with the power to change the world. Connect with Syniverse on [LinkedIn](#), [Twitter](#) and [Facebook](#).

About Ruckus Networks

[Ruckus Networks](#), an ARRIS company, is redefining connectivity around the globe. With our partners, we build secure wired and wireless access networks for organizations that place a premium on connectivity experiences for end users as well as simplicity. Follow Ruckus on [Twitter](#), [Facebook](#), [LinkedIn](#), [Instagram](#), [YouTube](#) and subscribe to our [blog](#).

About Federated Wireless

Federated Wireless is Leading the Wave with the creation of services that deliver wireless connectivity in new ways to meet rapidly evolving consumer, business and industry needs. The Company offers integrated software, platforms and partners for automated private mobile networks and provides the industry's only end-to-end Spectrum Controller, eliminating the decades-old problem of spectrum scarcity and removing the multi-billion-dollar price tag associated with spectrum access. Headquartered in Arlington, Va., Federated Wireless simplifies enterprise network deployments and allows for the creation of innovative wireless services and business models. For more information, please visit: www.federatedwireless.com.

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