



– Press Release –

Accelleran, Federated Wireless and Athonet demonstrate a full end-to-end, plug-and-play commercial LTE network platform for CBRS

Washington, 8th May 2018 - Accelleran, Federated Wireless and Athonet demonstrated today, at the CBRS Annual Members' meeting, a full end-to-end, plug-and-play commercial LTE network platform for CBRS that scales on the public or private cloud to thousands of small cell radios and millions of users. The platform allows mobile operators or enterprises, venue owners, governments and other end users to deploy localised CBRS networks with dramatic simplicity and low cost.

The demo showed the “plug-and-play” integration of the Accelleran E1012 CBRS Small Cell (CBSD Cat. A or B depending on antenna) and the Federated Wireless Spectrum Controller with Athonet's hybrid-cloud mobile core network. In the demonstration, CBRS devices connected to an Accelleran CBRS Small Cell that dynamically coordinates its usage of shared spectrum using the Federated Wireless Spectrum Controller. This localised network was powered by Athonet's hybrid-cloud mobile core network with the control plane running on the AWS cloud and traffic plane broken-out locally using Athonet's unique edge computing gateways. By moving the most complex mobile core network functions to the cloud but keeping local traffic local, hundreds of thousands of independent plug-and-play local networks, including Industrial IoT (IIoT) and enterprise networks, can scale on the same managed platform.

“We are very excited to continue our collaboration on US CBRS Small Cells with two innovative companies such as Federated Wireless for the Spectrum Controller and Athonet for the Core Network/IMS to deliver leading end to end CBRS solutions into the market. Accelleran V-RAN Software Solutions together with the E1012 CBRS Small Cells can enable connectivity for MNOs, WISPS and newer private LTE/neutral host entrants such as infrastructure suppliers, municipalities, etc. to deliver cost-effectively great experiences to their customers now with CBRS and in the upcoming 5G architectures with slicing, virtualization and MEC capabilities commented Frédéric Van Durme, CEO of Accelleran

“This complete solution we're demonstrating with Accelleran and Athonet today is a great example of the type of innovation that shared spectrum makes possible” said Kurt Schaubach, CTO Federated Wireless. “It shows the maturity of the ecosystem, and it



offers a glimpse into the type of Private LTE networks that will become the hallmark of CBRS deployments.”

“The biggest barrier to the deployment of independent networks has been the cost, complexity, lack of distribution and inflexibility of the mobile core network. The simplicity of our solution makes the most sophisticated mobile operator technology self-deployable by everyday users in a highly affordable way. With Accelleran and Federated Wireless, we are making LTE as easy to deploy as WiFi with all the added benefits in terms of control, coverage and security” added Gianluca Verin, CTO of Athonet.

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About Accelleran

Accelleran was founded in 2013 to meet the global need for high quality, carrier-grade, reliable 4G LTE and 5G software and design solutions to power the future mobile networks. The founding team are veterans of the wireless and small cell industry, working together since 2007.

Accelleran provides Mobile RAN software and LTE Small Cell product solutions addressing the real-world challenges of increasing data volumes and 5G applications, calling for hyperdense networks. Accelleran’s unique software architecture is genuinely independent from any hardware platform. Operators can leverage one software solution for integrated small cells and for disaggregated and virtualised RAN networks with slicing and edge capabilities. With a global Cellular Industry’s leading design team, Accelleran is the technology choice for carrier grade, reliable, performant Small Cells and Radio Access Network software solutions for Fixed Wireless Access, Public Mobile, Private Network, Neutral Host or IOT/Vertical industries solution providers.



About Federated Wireless

Federated Wireless is leading the wireless industry through the shared spectrum revolution, unlocking a spectrum of possibilities by eliminating the decades-old problem of spectrum scarcity. The Company offers the industry's first Spectrum Controller, enabling government and commercial users to securely share the same spectrum band. Headquartered in Arlington, Virginia, Federated Wireless is removing the multi-billion dollar price tag associated with spectrum access, allowing for the creation of new wireless carriers and business models. For more information please visit, www.federatedwireless.com.

About Athonet

Athonet provides a 5G-Ready fully in-house developed 100% software-based mobile core for voice and data networks that runs in public & private clouds, virtualized or enterprise data center environments using standard commercial off-the-shelf hardware.

Together with Athonet's EPC, IMS for VoLTE, NB-IoT and eMBMS solutions, the Athonet platform allows wireless operators and end-users to break free from the restrictive, complex and expensive architecture of legacy solutions and embrace the true potential of mobile networks – capturing new sources of revenue whilst also massively reducing capex and opex.

Athonet is a winner of the GSMA Global Mobile Awards in 2016 and its solutions are used by network operators, governments and enterprises across the world.