

Saguna Expands Open-RAN Platform Bringing CDNs, Content Caching and OTTs Together in the Mobile Radio Edge

Mobile Edge Computing Applications Will Be Demonstrated at MWC 2015, Hall 5, Booth 5E81

Yokneam, Israel, March 3, 2015 – [Saguna Networks](#), a Mobile Edge Computing pioneer making mobile broadband faster, simpler and more economical, announced today a new release of the Saguna Open-RAN creating an open platform running 3rd party applications into the mobile Radio Access Network (RAN). This release extends the company's award-winning CDN-Extend solution, which enables CDNs to operate inside the mobile base station.

CDNs, content caching solutions, data-acceleration applications, social networks and other Internet applications run as virtual modules on the Saguna Open-RAN. Operating from the Radio Edge, in close proximity to mobile users, the Saguna Open-RAN enables applications to reduce click-to-play time by up to 50%, stream video smoothly and minimize page download times. The Open-RAN platform also provides real-time network condition status to promote network-aware content optimization.

The Saguna Open-RAN platform creates a cloud-computing environment within the radio access radio using off-the-shelf Intel® Xeon® processor-based servers and Data Plane Development Kit (DPDK) optimized packet processing. The innovative mobile edge computing platform preserves user mobility and core functionalities such as lawful interception, policy control and charging.

“Saguna Open-RAN redefines content delivery in mobile networks. Now, with our latest release, multiple 3rd party applications can operate at the radio edge and gain real-time network status for content optimization. We invite providers of internet solutions and applications to join our growing ecosystem, at the Radio Edge” said Ofer Talmor, VP Products, Saguna. “In addition, we are excited that [PeerApp](#) has selected Saguna to extend their current mobile core content acceleration solution into the RAN.”

“The emerging Mobile Edge Computing (MEC) initiative distributes computational power to the radio edge, closer to the mobile users. It uses Network Functions Virtualization (NFV) and Software Defined Networking (SDN) to enable functions to run on standard Intel Xeon processor-based servers enabled with DPDK, which can help mobile operators improve the user experience while handling increasing volumes of

mobile data.” said Renu Navale, Director of the Intel Network Builder program. “By creating the Open-RAN ecosystem for 3rd party content solutions and Internet applications, Saguna has the potential to open Mobile Edge Computing to a broad audience of over-the-top (OTT) players.”

In MWC 2015, Saguna will showcase several Open-RAN use cases. Visit us in Barcelona, March 2-5, Hall 5, Booth 5E81. To book your personal demo [click here](#).

About Saguna

Saguna Networks powers Smart Mobile Networks by bringing an open cloud computing platform deep into the Radio Access Network. With field proven Saguna CODS Open-RAN mobile operators can provide an incredibly fast user experience while improving network economics and reducing congestion. Saguna opens the mobile network enabling mobile operators to monetize their networks and differentiate their offering through new partnerships and revenue-generating services. Founded in 2008, Saguna Networks is a privately held company. The company’s headquarters are located in Israel. For more information contact us at info@saguna.net, follow us [@sagunanet](#) or visit our website www.saguna.net.

Intel and Intel Xeon are trademarks of Intel Corporation in the U.S. and/or other countries.