

## **ASOCS Joins xRAN Foundation to Help Shape Open Virtual RAN Architecture at the Edge**

**June 7<sup>th</sup>, 2017 – Rosh Ha'ayin, Israel – [ASOCS Ltd.](#)**, a pioneer in Radio Access Network (RAN) virtualization, joined the xRAN Foundation, a consortium formed to develop, standardize and promote an open alternative to the traditionally closed, hardware-based RAN architecture. ASOCS and the xRAN Foundation share the same vision and goals to transform today's static, highly-proprietary RAN infrastructure into an extensible, software-based service delivery platform capable of rapidly responding to changing user, application and business needs.

"Carriers understand that to serve their customers' ever-growing demands, they need to find an alternative approach to the RAN that will give customers the agility and performance they need, without escalating capital and operational costs," said Gaby Guri, Vice President of R&D, ASOCS. "We share xRAN's vision for the future and are excited to work with the membership to achieve an open, software-based, agile RAN architecture."

ASOCS' virtual Base Station (vBS) runs real-time baseband processing software on commercial off-the-shelf (COTS) servers using a cloud architecture. The fully virtualized solution completely decouples software from hardware, allowing dynamic and automated allocation of baseband resources, with open, standard interfaces to radios and to the core network. The vBS is designed for networks at any scale, from nationwide outdoor networks to campus and in-building networks.

"ASOCS' innovative approach is completely aligned with all three areas of the xRAN architecture, including separation of the control plane from the user plane, building a modular eNB stack on COTS servers, and creating open interfaces to the industry," Dr. Sachin Katti, Professor at Stanford University and Director of the xRAN Foundation. "ASOCS will be a valuable addition to the xRAN Foundation and we look forward to their contributions to the group."

### **About ASOCS**

ASOCS is a pioneer in virtual Radio Access Networks (vRAN) and a provider of fully virtualized, NFV-compatible virtual Base Station (vBS) solutions. Transitioning LTE baseband processing from proprietary, bundled hardware, to a software-rich application that runs on commercial off-the-shelf (COTS) servers significantly improves spectrum efficiency, and enables Open Mobile Edge Clouds (OMEC) at any scale, from in-building and campus deployments to outdoor macro networks.

With a strong ecosystem of partners, ASOCS collaborates with tier-one carriers, enterprises and cloud companies to revolutionize the way cellular networks are deployed, managed and scaled. Visit [www.asocsnetworks.com](http://www.asocsnetworks.com) to learn more.

**About xRAN Foundation**

The xRAN Foundation was formed to develop, standardize and promote an open alternative to the traditionally closed, hardware-based RAN architecture. xRAN fundamentally advances RAN architecture in three areas – decouples the RAN control plane from the user plane, builds a modular eNB software stack that operates on common-off-the-shelf (COTS) hardware and publishes open north- and south-bound interfaces to the industry. For more information about xRAN Foundation membership go to [xran.org/membership](http://xran.org/membership) or email [info@xran.org](mailto:info@xran.org). For more information on xRAN architecture, download the xRAN architecture white paper.

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