

ASOCS Joins Wind River Titanium Cloud Ecosystem to Accelerate Deployment of NFV Solutions

ASOCS virtual Base Station (vBS) solution enables fast, cost-effective, carrier-grade virtual RAN on standard servers and networks.

February 17th, 2016 – Rosh Ha'ayin, Israel – [ASOCS® Ltd.](#), a solution provider of virtual Base Stations (vBS), today announced it has joined the [Wind River®](#) Titanium Cloud ecosystem, a program dedicated to accelerating the deployment of solutions for Network Functions Virtualization (NFV).

By validating and pre-integrating their hardware and software offerings with Wind River Titanium Server, Titanium Cloud ecosystem, partners deliver optimized solutions to help accelerate time-to-market for service providers and telecom equipment manufacturers (TEMs) deploying infrastructure based on NFV.

Complete RAN Virtualization; Every Layer, All Functions, Any RRH

[ASOCS vBS](#) solutions provide full virtualization of all base station layers and functions, including Baseband L1 PHY real-time processing. With its open-source-based, real-time on COTS (ROC) platform, ASOCS transforms the IT server, Cloud Computing and Software Defined Networking (SDN) market into a cross-platform software solution where all resources are sharable, scalable and economical. ASOCS vBS solutions are based on its Modem Processing Unit (MPU) and Modem Programming Language (MPL) which enable the virtualization and software abstraction of processing elements required for L1 PHY acceleration.

“ASOCS realizes the ETSI NFV vision by re-defining the world of traditional, inflexible, proprietary base-stations into a new era of cost-effective, agile, Multi-RAT networks,” said Eran Bello, VP Products & Marketing of ASOCS. “By virtualizing the Base Station, ASOCS enables applications to run in Distributed-NFV Clouds at the metro and network edge.”

"Through our Titanium Cloud program, we are partnering with leaders like ASOCS to create optimized, interoperable solutions for service providers and TEMs who are deploying NFV in their networks," said Charlie Ashton, senior director of business development for networking solutions at Wind River. "While Wind River's Titanium Server provides a foundation for Carrier Grade NFV infrastructure, by leveraging other pre-validated NFV elements service providers can quickly achieve their goals such as reducing OPEX while accelerating the introduction of new high-value services."

Titanium Server is a carrier grade NFV infrastructure software solution that is designed to meet the stringent "always on" requirements of the telecom industry. With Titanium Server as the NFV infrastructure software foundation, the telecom industry can take full advantage of rapid service deployment while ensuring the Carrier Grade uptime and strict reliability mandated by telecom networks. Titanium Server is based on open software standards including carrier grade Wind River Linux, real-time Kernel-based Virtual Machine (KVM), OpenStack®, Data Plane Development Kit (DPDK), and accelerated virtual switching, while incorporating optimizations for Intel architecture. And with the onset of NFV infrastructure, having data center performance at the edge of networks can enable specific virtualized network functions (VNFs) closer to the consumer, improving quality of experience (QoE).

For more information about ASOCS please visit <http://www.asocsnetworks.com> or visit us at: Mobile World Congress, Barcelona; IMA Pavilion, Hall 2, Booth 2E46.

About ASOCS

ASOCS is a pioneer in the development of virtual Base Station (vBS) solutions. Enabled by its Modem Processing Unit (MPU), designed to meet current and future Multi - Radio Access Technologies (Multi-RAT) requirements, ASOCS enables the highest possible capacity baseband solutions for next-generation network topologies such as Cloud - Radio Access Networks (Cloud-RAN) and other wireless infrastructure cells from small to macro and beyond. For more information, visit www.asocsnetworks.com.

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