



– Press Release –

Athonet announces the general availability of the Athonet BubbleCloud with full integration into AWS IoT Core

Berlin, 19th September 2018, Edge Computing Congress – Following our successful live demos at MWC Americas with AWS, Athonet announces the general availability on AWS of the Athonet BubbleCloud, its combined Cloud and Mobile Edge solution to address the growing demands of mobile operators, enterprises and other end-users for LTE networks with seamless integration into the IoT application world.



Athonet's cloud-native BubbleCloud solution allows mobile operators and end-users to create and deploy dedicated LTE networks for edge applications with seamless and secure connectivity and integration to IoT platforms such as AWS IoT. Athonet's BubbleCloud is powered by Athonet's hybrid-architecture mobile core network with the control plane running on the AWS cloud and traffic plane broken-out locally using Athonet's unique edge node. 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. The Athonet BubbleCloud also includes Athonet's unique IoT AppConnect Gateway which allows any SIM-based IoT device to simply switch-on, securely authenticate and consume applications and services on IoT platforms such as AWS IoT.

Athonet launched one of the world's first fully virtualized production-ready mobile core networks in 2010 and since then its solutions have been deployed by enterprises, governments and mobile network operators across the world. Athonet specializes in hyper-distributed, fully software-based mobile core networks that combine the best of edge and cloud deployments to meet the demanding requirements of Industry 4.0, Public Safety, Smart Grids & Smart Cities and Connected & Autonomous Vehicles.

"We believe that activities such as this one help the industry move towards "plug and play" solutions, in line with operators' ambitions to deploy fully interoperable virtualized solutions at the network edge," said **Maria Cuevas, Head of Converged Core Network and Services Research Team, BT**

*"Our BubbleCloud solution allows the application and the network to be united at the network edge" said **Gianluca Verin, CTO of Athonet.** "We enable our customers' automation and scalability objectives in order to enable high-bandwidth, low latency service where it counts."*

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About Athonet

Athonet provides a 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 and is software upgradeable to 5G. Athonet's first deployment of its fully cloud-native virtualised core network solution in 2010 for AREA Science Park in Trieste on spectrum from mobile operator H3G on VMware infrastructure

<https://www.corrierecomunicazioni.it/digital-economy/rete-mobile-privata-per-l-area->



[science-park-di-trieste/](#)

is considered the world's first production-ready deployment of a fully cloud-native mobile core solution.

The Athonet platform offers EPC, IMS for VoLTE, NB-IoT and eMBMS, supports the regulatory requirements for roaming and 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 the International Critical Communications Awards in 2018. Its solutions are used by network operators, governments and enterprises across the world.