



Sagemcom and Plume partner to offer an adaptive, self-optimising home Wi-Fi solution to broadband service providers

**Sagemcom to integrate Plume with its broadband home gateways;
manufacture and supply Pods to service providers**

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Sagemcom Broadband SAS, a leader in broadband and residential terminals and digital set-top-boxes, and Plume Design, Inc., the creator of Adaptive Wi-Fi™, today announce that the Plume Adaptive Wi-Fi™ solution, including the Pods, are now available as a fully integrated part of Sagemcom's Wi-Fi enabled FTTH, DOCSIS, and DSL gateway portfolio.

Pioneered by Plume Design, Inc., Adaptive Wi-Fi™ is a deeply distributed Wi-Fi solution that dynamically responds to varying Wi-Fi conditions throughout the whole home, and across multiple apartments in a Multi-Dwelling Unit (MDU) environment. It includes a set of beautiful Pods designed to plug directly into sockets around the home. Directed by the Plume Cloud, the Pods offer coverage, speed and reliability far beyond any other solution using a Software Defined Networking (SDN) framework and Plume's novel Auto-Channel-Hop Wi-Fi backhaul technology.

Integrated into various Sagemcom gateway platforms, the Plume gateway agent enables seamless wireless connectivity between the gateway and the Pods. The entire home network and the devices connected to it are actively monitored by the Plume Cloud for the highest performance wireless broadband experience throughout the home.

The joint solution makes both reactive and preemptive decisions which improve signal, speed and resiliency such as allowing mobile devices to seamlessly roam around the home, balancing network loads, and mitigating interference. As a core element of the solution, the comprehensive service provider facing Network Operations Center (NoC) software provides detailed insights and intelligence as to the health, performance and history of the home Wi-Fi network.

"Our customers are continuously looking to raise the bar for residential Wi-Fi", said Ahmed Selmani, Deputy CEO of Sagemcom Broadband SAS. "Plume Adaptive Wi-Fi™ solution is fully in line with our strategy to continue improving the wireless home network in real time; it is a scalable and efficient solution, associated with our broadband home gateways. Our partnership with Plume enables us to always support our customers to be proactive in addressing home Wi-Fi experience" Selmani continued. "The cloud intelligence, management and optimisation enabled by our collaboration offers the most advanced home Wi-Fi solution on the market today".

This strong partnership enables Sagemcom to manufacture and sell the Pods directly to service providers on the same model as its broadband home gateways, while Plume provides the cloud based network management, control, optimisation, analytics and business intelligence services.

“We are thrilled to be collaborating with such a world leader in broadband networking solutions and a manufacturing powerhouse as Sagemcom”, said Fahri Diner, CEO of Plume. “Together we intend to push the boundaries with disruptive innovations in hardware, software, and massively scalable control plane for the wireless spectrum.

The Pods auto-connect to Sagemcom home gateways with no action required by the user. An integrated part of the solution is the Plume mobile app, which allows Wi-Fi access control for guests or family members, device visibility, and provides detailed insights into network speed and coverage.



Come to meet Sagemcom and Plume teams at Broadband World Forum 2016 the Sagemcom booth #B50.

About Sagemcom

A French high-tech group of international dimensions, Sagemcom operates on the broadband (digital home, set-top boxes, Internet routers, telephony and multimedia terminals), smart city (smart meter, smart grid, smart site, smart infra, smart services) and Internet of Things (founding member of LoRa Alliance) markets. With a revenue of around 1.3 billion euros, Sagemcom employs 4,000 people on five continents. Sagemcom aims to stay a world leader in communicating terminals with high added value.

www.sagemcom.com

About Plume

Plume is the creator of Adaptive Wi-Fi™, the world's first self-optimising Wi-Fi delivering the fastest and most reliable Internet experience to every corner of the home. Plume is driven by the Plume Cloud, a powerful cloud-based control plane, and is the most advanced, resilient home Wi-Fi solution due to its ability to dynamically adapt and respond to changing network loads and interference. Plume's hardware comes as beautiful, affordable access points called Pods that are placed in every room to give the broadest coverage possible. Plume was founded in 2015 and is headquartered in Palo Alto, California.

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