

World's first prplMesh deployments from prpl Foundation member Sagemcom advance home Wi-Fi networks

Homes and businesses are closer to enjoying robust, easily manageable 'whole home' Wi-Fi networks thanks to the first-ever prplMesh deployment by Sagemcom, the prpl Foundation has announced today.

The first operator deployment of prplMesh - the premier open-source Wi-Fi mesh solution - reflects a significant step towards the concept of 'services-led broadband' and sees cutting-edge services and features provided to seven operators across Europe, Oceania, and the Middle East. Thanks to the integration of prplMesh Wi-Fi stack, smart Wi-Fi devices such as routers and extenders can be easily linked to a home network.

"This is a major milestone for open-source innovation, bringing future-proof, open, and reliable interoperability to home networks," said prpl Foundation President Dr. Len Dauphinee. "prplMesh makes it easy for operators to deploy customised Wi-Fi services, ensuring service differentiation and new revenue streams. On the consumer side, the whole Wi-Fi experience is improved; it is easy to add devices into the network and they can access smart Wi-Fi services through their home broadband at the touch of a button. We are proud to have contributed to the world's first deployments with our valued member Sagemcom."

Based on the prpl Foundation open-source project, the prplMesh software stack is a platform-independent, multi-vendor, open-source implementation of EasyMesh. It includes a high-level Application Programming Interface (API) to offer carrier-grade management for both local and remote cloud applications and services. Through prplMesh, operators can enable the customization of specific Wi-Fi services by delivering smart Wi-Fi applications. As a result, they can select only the most suitable options for their requirements, while delivering innovative services to end users.

"The use and support of open-source software has been a key driver in our business strategies, and we are proud to be the first global manufacturer to deploy prplMesh," said Executive Vice President of Sagemcom, Boris Nabedryk. "By leveraging the collective expertise of the prpl Foundation's diverse community, we have delivered a more secure, reliable, and adaptable solution to meet customer demands worldwide. Our ongoing work with the prpl Foundation continues to drive the broadband industry forward, and we look forward to future innovations to come."

The solution is compatible with multiple router software platforms such as prplOS and Sagemcom software, enabling greater portability for different service providers, while ensuring support for the latest smart Wi-Fi applications.

For more information, visit the [prpl Foundation website](#) or the [Sagemcom website](#).

About Sagemcom

Thanks to the innovative solutions designed and built by our people, Sagemcom provides access to broadband Internet, entertainment and managed energy supply to the greatest number all over the world.

As a "mission-driven company" since January 2022, Sagemcom makes sure that the design, construction and use of these solutions are sustainable, and fulfil the environmental and societal commitments that are known and shared by all our employees, partners and stakeholders. Sagemcom is 30% owned by its employees, achieves over €3 billion turnover, is world leader in its markets, has been profitable since it was founded, and has been growing continuously since 2016.

About the prpl Foundation

The prpl Foundation is a collaborative open-source community dedicated to open APIs and open industry standards, focusing on carrier-grade software for broadband customer premise equipment as specified by operator members. The prpl Foundation brings together service providers, original equipment manufacturers, system integrators, chip vendors and application developers to harmonize home network architecture, then commonizes a reference implementation of standardized open-source infrastructure built atop open APIs and open industry standards. prpl enables a service delivery ecosystem including innovative third-party applications that can be quickly and easily deployed across different CPE platforms.