

Adant Technologies Introduces sSMART-4-mesh: A Breakthrough in Cost-Efficient and Eco-Friendly Mesh Wi-Fi Networks

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/EINPresswire.com/ -- Adant Technologies, a pioneer in wireless communication solutions, is announcing the launch of Adant [sSMART-4-mesh](#), a cutting-edge smart antenna solution poised to transform mesh Wi-Fi networks.

Engineered to reduce costs and lower energy consumption while delivering dependable performance, sSMART-4-mesh sets a new standard in wireless connectivity.

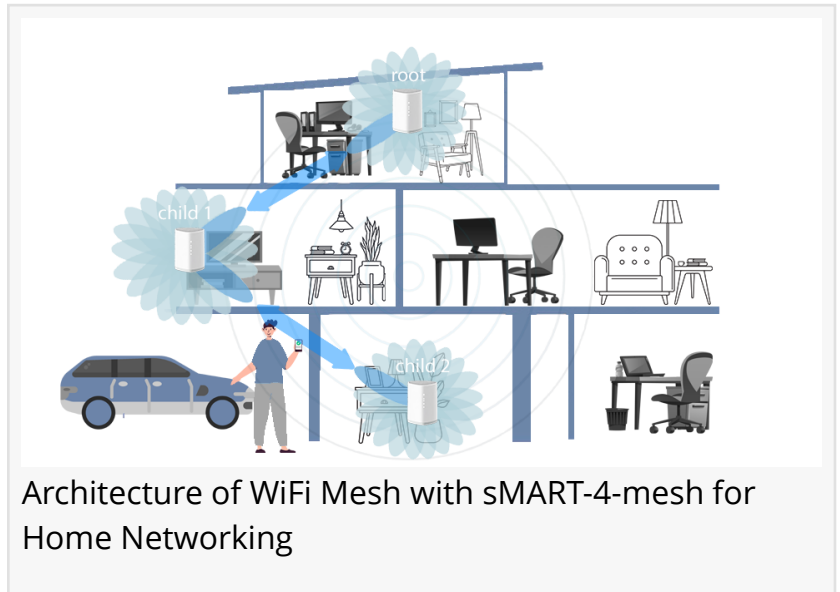
Traditional mesh Wi-Fi networks often face challenges related to trade-off between performance, operational costs and energy usage. However, with the introduction of Adant sSMART-4-mesh, these hurdles are effectively addressed.

This innovative solution is designed to seamlessly integrate into existing Wi-Fi mesh devices, providing a comprehensive hardware and driver solution for effortless deployment.

Key Features of Adant sSMART-4-mesh:

Lower Power, Lower Costs: Adant sSMART-4-mesh is designed to boost mesh devices operating in low power indoor (LPI) mode, achieving coverage comparable to standard power (SP) mode devices at a fraction of the cost. By leveraging advanced technology, sSMART-4-mesh thus enables significant cost savings without compromising performance.

Easy Installation, 360o Coverage: For mesh devices operating in standard power (SP) mode Adant sSMART-4-mesh enhances coverage, simplifying installation for end-users by ensuring optimal coverage regardless of device positioning, thanks to its adaptability to various environments.



Architecture of WiFi Mesh with sSMART-4-mesh for Home Networking

Eco-Friendly and Efficient: With Adant sSMART-4-mesh, users can reduce energy consumption while maintaining peak performance. By integrating Adant's sSMART-2 smart antenna technology with a dedicated machine learning software algorithm, sSMART-4-mesh achieves eco-friendly operation without sacrificing reliability.

Adant sSMART-4-mesh represents a significant advancement in mesh Wi-Fi technology, offering efficiency, performance, and environmental sustainability without compromises.

Compatible with multiple antenna types and Wi-Fi chipsets, this innovative solution is poised to step-up the way mesh networks are deployed and operated.

For more information about Adant sSMART-4-mesh and its capabilities, please visit <https://adant.com/smart-4-mesh/>

A whitepaper on the topic is also available <https://adant.com/wp-content/uploads/2024/04/Whitepaper-Adant-sSMART-4-Mesh-Wi-Fi-290324-1.pdf>

About [Adant Technologies Inc](#)

Adant Technologies Inc is a global player in providing advanced solutions that transform the connectivity and functionalities of communication devices. Adant designs and sells adaptive wireless systems using its unique Beamshaping™ smart antenna technology to provide the best possible connectivity and accurate positioning to WiFi, 5G, and BLE devices. Adant has embedded its technology worldwide in hundreds of thousands of wireless devices and has established key partnerships with the world's leading original equipment manufacturers and chipset makers.

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