

EasyMesh: Mesh Networking Made Easier

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In the modern hierarchy of needs, Wi-Fi® is right up there after food and shelter!

And when it comes to the Wi-Fi in our homes, we need it to be not only fast in one room, but fast everywhere. That's where mesh networking comes into play.

Meshing makes it easy to cover an entire home in fast Wi-Fi by using multiple access points that interconnect with each other. But, until recently, consumers had to commit to one mesh solution and couldn't mix and match mesh devices from different vendors.

That changed in May, when the Wi-Fi Alliance introduced Wi-Fi CERTIFIED EasyMesh™.

Easier Mesh

Wi-Fi EasyMesh is a standards-based approach to mesh networking that enables access points from different vendors to work together seamlessly in delivering a unified Wi-Fi mesh network. That means, for example, a consumer can buy our new VAP4641 Wireless Extender—incidentally the first Wi-Fi CERTIFIED EasyMesh device—and it will work perfectly in a mesh network with any other Wi-Fi CERTIFIED EasyMesh device on the market.

Wi-Fi EasyMesh lets people choose the best combination of mesh devices to suit their unique needs and home and their budget. But this EasyMesh platform is also helping to make the home Wi-Fi network smarter...

Smarter Networks

The Wi-Fi EasyMesh system creates the foundation for a new layer of sophistication in the home network. It allows multiple access points to easily discover and connect to each other—opening up the opportunity for a higher layer of data-driven control over the services delivered to the home. At ARRIS, we envision this as an overall home solution in the form of a number of software-based components from our HomeAssure™ suite.

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At its simplest level, a HomeAssure Controller in an Wi-Fi EasyMesh access point incepts intelligence into the network to enable Wi-Fi services like self-optimization, client steering, band steering, and channel switching. This forms an intelligent network of Wi-Fi access points that continually improves the level of Wi-Fi service to every device and service running on the devices. At the same time, adding the HomeAssure Cloud module would also provide a new level of transparency—through Wi-Fi analytics-based artificial intelligence—to enable service providers to deliver even better services and track that all important Wi-Fi NPS score.

But all this new exciting software needs a device worthy of it...

The First Wi-Fi EasyMesh Device

The ARRIS VAP4641 was built with Service Providers and their customers in mind. We gave the VAP4641 a 4x4 5GHz Wi-Fi radio—offering highest regulatory power levels to give consumers the best options for placement in the home. The performance of the VAP4641 ensures that consumers can get maximal coverage and speed from the simplest architecture.

It also has an attractive design that can install simply on a power outlet that, extending Gigabit speeds over the largest of homes. Together with HomeAssure and Wi-Fi EasyMesh, the VAP4641 contributes enables a new level of wireless reliability once reserved only for wired networks.

What are you waiting for?

Insist on access points with Wi-Fi CERTIFIED EasyMesh and the freedom to choose your Wi-Fi software solution. We hope you select the ARRIS VAP4641 and ARRIS HomeAssure—there's a configuration to suit every Service Provider and consumer's needs.

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