

# THE ARRIS GUIDE

## to Wi-Fi® EasyMesh™, MAP and HomeAssure™

Navigating the ins and outs of Wi-Fi Alliance's Wi-Fi EasyMesh and MAP standard is easy—just let ARRIS HomeAssure lead the way to the future of enabled home gateways and extenders

### Wi-Fi EasyMesh™



- is a device test and certification program from the Wi-Fi Alliance that validates compliance with the MAP standard.
- Devices from manufacturers with Wi-Fi CERTIFIED EasyMesh™ designator work together in an intelligent, Self-configuring home network.
- Performance depends on the quality of the Wi-Fi access points and the level of sophistication of the management algorithms.

### MAP

MAP = Multi Access Point

- is a standard from the Wi-Fi Alliance for use in intelligent 'mesh' home networks where multiple Wi-Fi access points cooperate to provide enhanced coverage and performance.
- is supported by 60+ members of the WFA steering group.
- is based on the IEEE 1905.1 standard widely used in PowerLine products today.

MAP defines the communications between the home gateway and Wi-Fi extenders, or between extenders

### THIS STANDARD ENABLES....

- Secure communication between gateway and extenders
- Discovery and automated configuration of new extenders
- Collection of data metrics from the Wi-Fi access points
- Triggering Wi-Fi optimization actions in access points, including:
  - Channel selection
  - Client steering
  - Backhaul optimization etc.(Does not provide the intelligence to make decisions on when to trigger steering)

## ARRIS HomeAssure™

- is a comprehensive home Wi-Fi solution that delivers high-bandwidth coverage to every corner of the home while simplifying common subscriber tasks and reducing support costs.
- The sophisticated network optimization algorithms in the ARRIS HNC software use MAP for inter-device communications.
- The ARRIS VAP4641 is the world's first Wi-Fi CERTIFIED EasyMesh™ device.

ARRIS is implementing the MAP standard into its range of HomeAssure enabled home gateways and extenders.



### CONSUMER BENEFITS

- Easily install and configure extenders from different manufacturers
- Avoid lock-in to buying upgrades from a single vendor

### SERVICE PROVIDER BENEFITS

- Source gateways and extenders from multiple vendors within a standards-based solution
- Avoid CapEx costs with the option for retail extenders to be part of the managed network

To learn more, visit [arris.ly/homeassure](http://arris.ly/homeassure)