

Service Provider Wi-Fi Solutions

ARRIS Global Services

SOLUTION HIGHLIGHTS:

- Turnkey carrier-grade solution
- Unified management and reporting
- Unified customer experience
- Device, location, transport independent
- Seamless integration
- Market expansion
- Wi-Fi monetization



SOLUTION OVERVIEW:

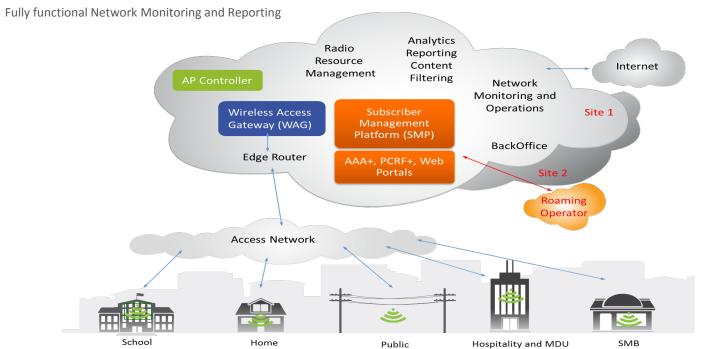
With over 24 million wireless devices shipped, per year, ARRIS is a global leader in Wi-Fi. The ARRIS Service Provider Wi-Fi solution enables operators to extend their residential Wi-Fi services outside the home to address paying verticals including small-to-medium sized businesses (SMB), multiple dwelling units (MDU), and campus environments. This best-of-breed, carrier-class solution—allows operators to offer centrally managed, coordinated service offerings to their customers. It will also allow existing wireless operators to offload data traffic from their 4G networks.

The ARRIS Service Provider Wi-Fi systems design and integration process combines key service components—Authentication, Authorization and Accounting (<u>AAA</u>), policy enforcement, web portals, wireless access gateways, radio resource management, access point controllers, and access points—to deliver a single, carrier-managed Wi-Fi network.



- End-to-end (E2E) Carrier grade Wi-Fi Platform
- Support for Multiple Verticals:
 - o Community Wi-Fi
 - o Small to medium business
 - o Hospitality and Campus Environments
 - o Multi-Dwelling Units
 - o Venues
- World-class Access Point portfolio

- Benefits
- Consistent User Experience
- Footprint Expansion via Roaming
- Centralized Management, Reporting, and Analytics
- Pre-Integrated End-to-End Solution
- Monetization via splash pages, targeted advertising clickthroughs, etc.



The SMP centralizes user authentication, billing, policy enforcement, and captive portals to the operator's cloud, supporting a wide range of Wi-Fi business models.

Professional Services

ARRIS offers a full array of services to help operators plan, design, implement and operate Wi-Fi solutions:

- Business case analysis
- Lab proof of concept
- OSS/BSS integration
- System architecture
- IP network design
- Site survey
- Desktop RF Design
- Project management

- Core network deployment
- Installation & validation
- Portal Customization
- Billing integration
- Managed & Hosted services
- Site acquisition
- Train and transfer
- Customer RFP response

Wireless Access Gateway

The WAG enables seamless mobility between access networks, terminating tunnels from Wi-Fi access points and providing a consistent user experience across the network.

Wi-Fi Access Points

The portfolio of enterprise, and carrier Wi-Fi access points provide a variety of options to cater to each service provider's needs.

Unified Network Management and Reporting System

The management and reporting system covers all system elements from a "single pane of glass." Fully customizable and vendor agnostic.

©ARRIS Enterprises, Inc. 2015 All rights reserved. No part of this publication may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from ARRIS Enterprises, Inc. ("ARRIS"). ARRIS reserves the right to revise this publication and to make changes in content from time to time without obligation on the part of ARRIS to provide notification of such revision or change. ARRIS and the ARRIS logo are all registered trademarks of ARRIS Enterprises, Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and the names of their products. ARRIS disclaims proprietary interest in the marks and names of others.

Note: Specifications are subject to change without notice.