

# Hosted Service Provider Wi-Fi Solutions

## ARRIS Global Services

### SOLUTION HIGHLIGHTS:

- Offsite hosting of core network elements to:
  - Improve speed to market
  - Minimize capital spend
  - Reduce expertise required
  - Pay as you grow
- Leverages and integrates with existing systems
- Serves key vertical markets (SMB, K-12, MDU, etc.)
- Simplifies Wi-Fi monetization
- Centralizes management and reporting
- Unifies customer experience
- Provides turnkey design, integration, deployment, management, and maintenance



### 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. **ARRIS Hosted SP Wi-Fi** allows operators to get to market faster and reduce the capital investment and expertise required to offer Wi-Fi services.

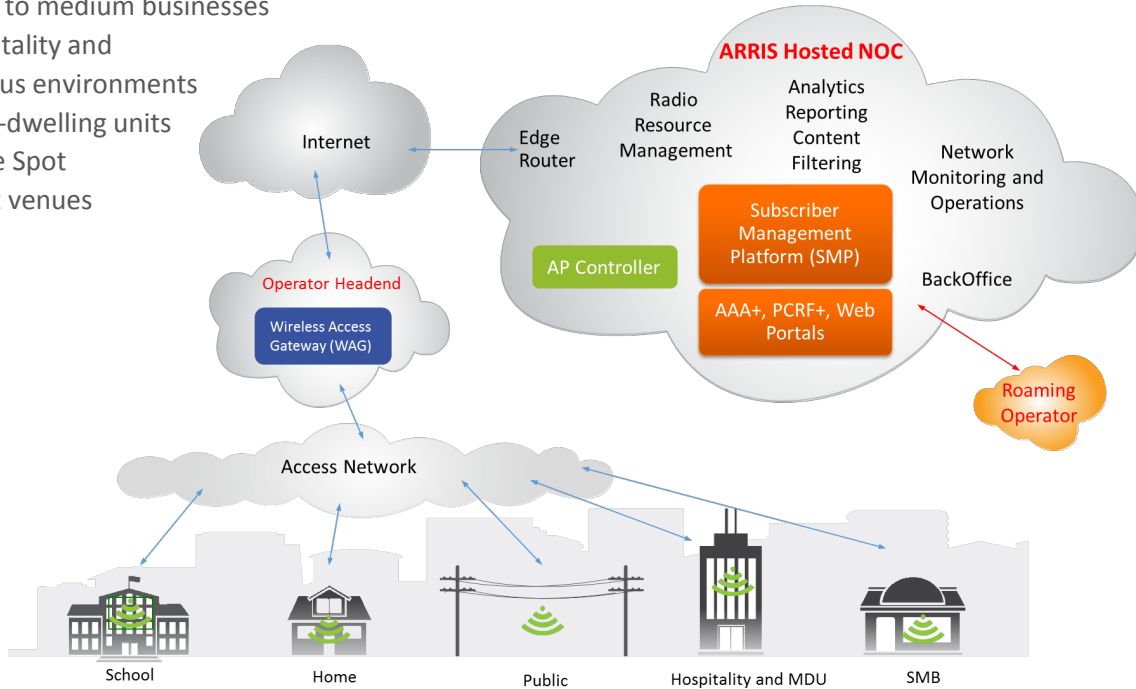
ARRIS hosts key service components at its national hosting center — Authentication, Authorization and Accounting (AAA), policy enforcement, web portals, radio resource management and Access Point controllers— while the Wireless Access Gateway (WAG) and Access Points reside in the operator's network. If desired, over time, all network components can be migrated to the customer's network. This flexible approach allows operators to own and manage as much or as little of the end-to-end solution as they wish.

### Features

- End-to-end carrier grade Wi-Fi platform
- Full featured network monitoring and reporting
- World-class Access Point portfolio
- Support for key vertical markets:
  - Community Wi-Fi
  - K-12 eRate
  - Small to medium businesses
  - Hospitality and campus environments
  - Multi-dwelling units
  - Home Spot
  - Event venues

### Benefits

- Faster speed to market, lower capital spend, & less expertise required in-house
- Consistent user experience
- Footprint expansion via roaming
- Centralized management, reporting, and analytics
- Monetization of splash pages and targeted ads



### Hosted SP Wi-Fi

Centralizes user authentication, billing, policy enforcement, and captive portals, supporting a wide range of Wi-Fi business models. The management and reporting system covers all system elements from a “single pane of glass” and is fully customizable and vendor neutral.

### Wireless Access Gateway (Operator’s network)

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

### 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 services
- Site acquisition
- Train and transfer
- Customer RFP response

### Wi-Fi Access Points (Operator’s network)

The wide portfolio of enterprise and carrier Wi-Fi access points provides options to meet the unique requirements of each vertical market that you serve.