

Managed Public Networks

For Customer Loyalty and Smart Cities Applications Service Provider Solution

FEATURES

- Seamless Wi-Fi for subscribers
- Guest access for non-subscribers
- Platform for Smart Cities applications
- Carrier class reliability and scalability
- Branded, customizable portals
- Full ARRIS hosting, network analytics and NOC support

SERVICE OVERVIEW

Service Providers have mastered the art of providing high-performance connectivity inside residences. Extending that access beyond the four walls of subscribers' homes into public spaces raises a unique set of challenges. But, doing so is critical. Providing subscribers with anywhere access is essential to their loyalty and retention.

ARRIS's Managed Public Network solution leverages the carrier's existing network infrastructure and integrates wireless assets into a single, centrally managed wired and wireless network. This gives existing subscribers, and guest users, connectivity through a branded, customizable portal that is convenient and easy to use. It also allows operators to sell service to mobile operators looking to offload traffic onto Wi-Fi in order to reduce their CapEx and OpEx demands.

In parallel, Smart Cities applications are growing and need a reliable network to run on. ARRIS's Managed Public Network solution provides a platform for kiosks and digital signage; street light, parking and traffic monitoring; video surveillance, and other municipal uses.

The Service Provider can use ARRIS's Network Intelligence dashboard to gather data from subscriber traffic and slice it by region, state and city, right down to individual APs. In addition to a holistic view of system health, the ARRIS platform displays the location of all APs. The color-coded map view can be toggled to show metrics including which APs are on and offline, the number of unique subscribers and guests connecting through each AP, the types of devices they use, how much data they consume, and how long they stay online. This intelligence helps the operator optimize the deployment of APs to create a superior user experience and minimize subscriber churn.

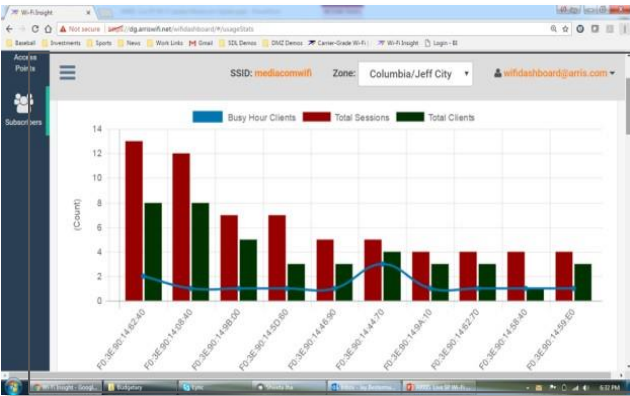
ARRIS offers services through the lifecycle of the solution including business case and requirements development, design, installation and ongoing 24x7x365 technical support.



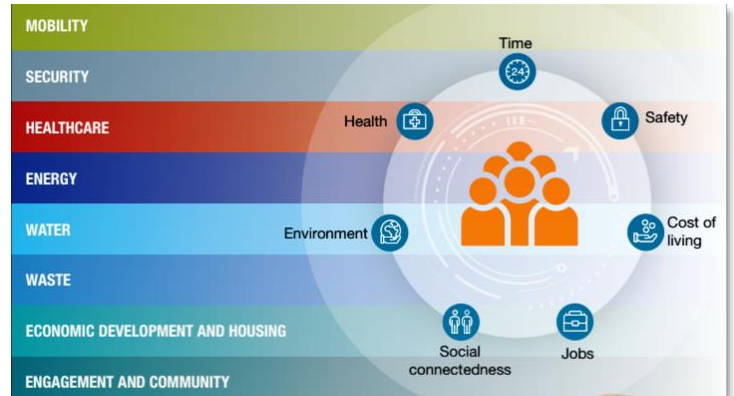
Features FOR THE SERVICE PROVIDER Benefits

- | | |
|---|---|
| <ul style="list-style-type: none"> Network Intelligence dashboard Branded customizable portals Scalable & redundant Fully hosted & managed Single core to support all verticals 24/7 NOC to NOC proactive care *24/7 tier 1 tenant support * Onsite break/fix truck roll * Expandable business model | <ul style="list-style-type: none"> • Monitoring & reporting across all verticals • Single dashboard view of all network elements • Protect and project brand • Reliable carrier-class network • Zero-IT impact • Easily expand to new markets • Professional help when you need it • Reduced staffing • Reduced staffing • Paid guest/premium access • SMB P2P internet • Inter-operator roaming • Mobile data offload • Municipal services • Digital signage • Attachment rights • Home/Business as a Hotspot |
|---|---|

*Optional



Network Intelligence Dashboard



Smart Cities powered by ARRIS Public Wi-Fi

AVAILABLE PROFESSIONAL SERVICES

- | | |
|---|---|
| <ul style="list-style-type: none"> • Program management • Business case analysis • Requirements creation • System architecture/design • OSS/BSS integration • Core network deployment | <ul style="list-style-type: none"> • Portal customization • System validation • Site survey • Site acquisition • Area of Interest design & deployment • Managed & hosted services |
|---|---|

Features

FOR THE Wi-Fi USER

Benefits

- Branded Portal
- Fast Wi-Fi connections
- Firewall
- Seamless residence and public area coverage

- Easy access
- Subscriber and guest access
- Easy access and productivity
- Protection from external threats
- No need to reauthenticate when moving from home to public spaces



WHY ARRIS?

ARRIS is dedicated to providing unique managed networking solutions for service providers and offers a best-of-breed, end-to-end solution. ARRIS is the leading provider of carrier-grade broadband communication systems to service providers.

MORE INFORMATION

Contact your ARRIS Account Manager or find out more by visiting: <http://www.arris.com/solutions/carrier-grade-wi-fi/>