

Multi-Dwelling Unit Networks

Managed Business Networks - Service Provider Solution

FEATURES

- MDU Manager Portal & Tenant Portal
- Customizable branded portals
- Optional “follow me” personal networks
- Separate tenant and guest networks
- Both wired and wireless networks
- Seamless residence and common area coverage
- Indoor and outdoor coverage
- Carrier class reliability and scalability



SERVICE OVERVIEW

MDU owners expect a reliable, integrated wired and Wi-Fi experience to meet the expectations of demanding tenants who have come to expect good Wi-Fi everywhere. Tenants expect access in their residence and throughout the property. But, often property owners do not have the time, IT skills or inclination to build and manage their own network solution.

ARRIS Managed Business Networks provides the Service Provider with a single managed network solution for **apartments, student housing, senior communities** and other MDUs. This scalable, carrier class solution offers high performance and simple onboarding for residents and their guests to use and enjoy. The solution provides tools for the MDU operator to customize and manage their network.

Residents log into their tenant portal to initially onboard devices. Then they automatically connect to the network, property-wide. Optionally, a “follow me” personal network, called vTenant, can be added to allow property-wide access to their own devices (e.g. wired printers, video servers and cameras).

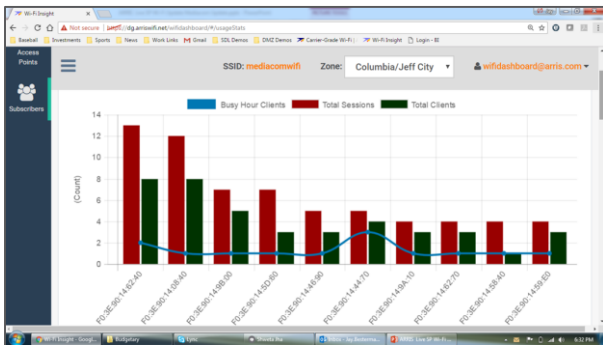
With a separate guest network, visitors can easily connect to the MDU via a uniquely branded captive portal.

ARRIS offers services through the lifecycle of the solution including business case and requirements development, RFP responses, design, installation and ongoing 24x7x365 technical support. The solution includes an MDU Manager Portal so the property owner can create new accounts, throttle user bandwidth and support tenants to assist with device onboarding and password reset.

Features **FOR THE SERVICE PROVIDER** **Benefits**

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| <ul style="list-style-type: none"> Network Intelligence dashboard MDU Manager Portal Masquerade as MDU owner Customizable branded portals Integrated wired & wireless Scalable & redundant Fully hosted & managed Single core to support all verticals DMCA violation notification & suspension 24/7 NOC to NOC proactive care *24/7 tier 1 tenant support * Onsite break/fix truck roll | <ul style="list-style-type: none"> • Monitoring & reporting across all verticals • Simple interface for network & tenant management • Assist with adding devices & changing passwords • Protect and project brand • Single dashboard view of all network elements • Reliable carrier class network • Zero-IT impact • Easily expand to new markets • Regulatory compliance • Professional help when you need it • Reduced staffing • Reduced staffing |
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*Optional



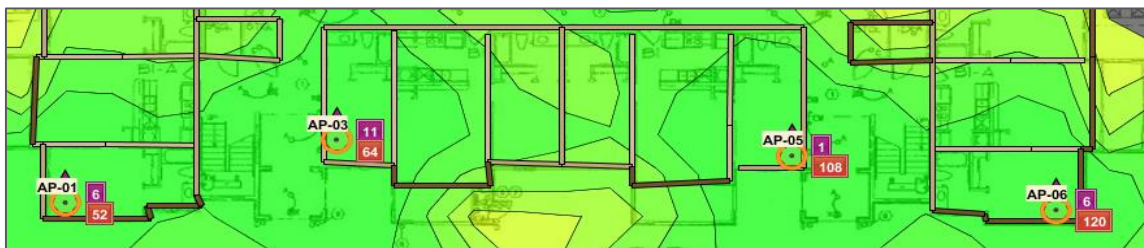
Network Intelligence Dashboard

MDU Manager Portal

MDU Manager Portal

AVAILABLE PROFESSIONAL SERVICES

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| <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 • MDU design & deployment • Managed & hosted services |
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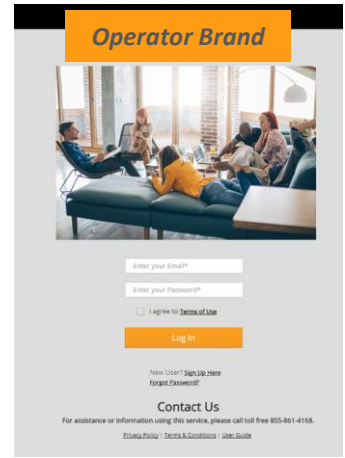


Heat Mapping Helps Optimize the Design

Features **FOR THE MDU OPERATOR** **Benefits**

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| <p>MDU Manager Portal</p> <p>Tenant Portal</p> <p>Tenant and guest networks</p> <p>Simple onboarding for tenants & guests</p> <p>Customizable guest splash page</p> <p>Fully managed and hosted solution</p> <p>Seamless residence and common area coverage</p> <p>High-bandwidth wired & wireless</p> <p>Firewall</p> <p>*"Follow me" personal networks</p> <p>*Professional design & installation</p> <p>*24/7 proactive care</p> | <ul style="list-style-type: none"> • Simple interface for tenant management <ul style="list-style-type: none"> - Easily create/add/delete tenant accounts - Assist with adding devices & changing passwords • Self-service device onboarding & password resets • One partner for all networking needs • No hassle connectivity • Branding per property • Zero-IT Impact • Full coverage & premium experience • One network for all your needs • Protect network from external threats • Differentiating wireless feature • Secure & reliable connectivity • Peace of mind |
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*Optional



Tenant Portal

Features **FOR THE TENANT** **Benefits**

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| <p>Tenant portal</p> <p>Property-wide guest network</p> <p>Fast Wi-Fi connections</p> <p>Firewall</p> <p>*Optional</p> <p>*"Follow me" personal network</p> | <ul style="list-style-type: none"> • Self-service device onboarding & password resets • Simple guest access • Easy access and productivity • Protection from external threats • Property-wide personal network |
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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/>