Service Provider Wi-Fi Solutions

COMMSCOPE®

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, CommScope is a global leader in Wi-Fi. The CommScope 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 CommScope Service Provider Wi-Fi systems design and integration process combines key service components— Authentication, Authorization and Accounting (AAA), 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.

SERVICE MANAGEMENT PLATFORM:

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.

FEATURES

- End–to–end carrier grade Wi-Fi platform
- Support for multiple verticals:
  - Community Wi-Fi
  - Small to medium business
  - Hospitality and campus environments
  - Multi-dwelling Units
  - Venues
- World-class access point portfolio
- Fully functional network monitoring and reporting

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 click-throughs, etc.

PROFESSIONAL SERVICES

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

- Business case analysis
- Core network deployment
- Lab proof of concept
- Installation & validation
- OSS/BSS integration
- Portal customization
- System architecture
- Billing integration
- IP network design
- Managed & hosted services
- Site survey
- Site acquisition
- Desktop RF design
- Train and transfer
- Project management
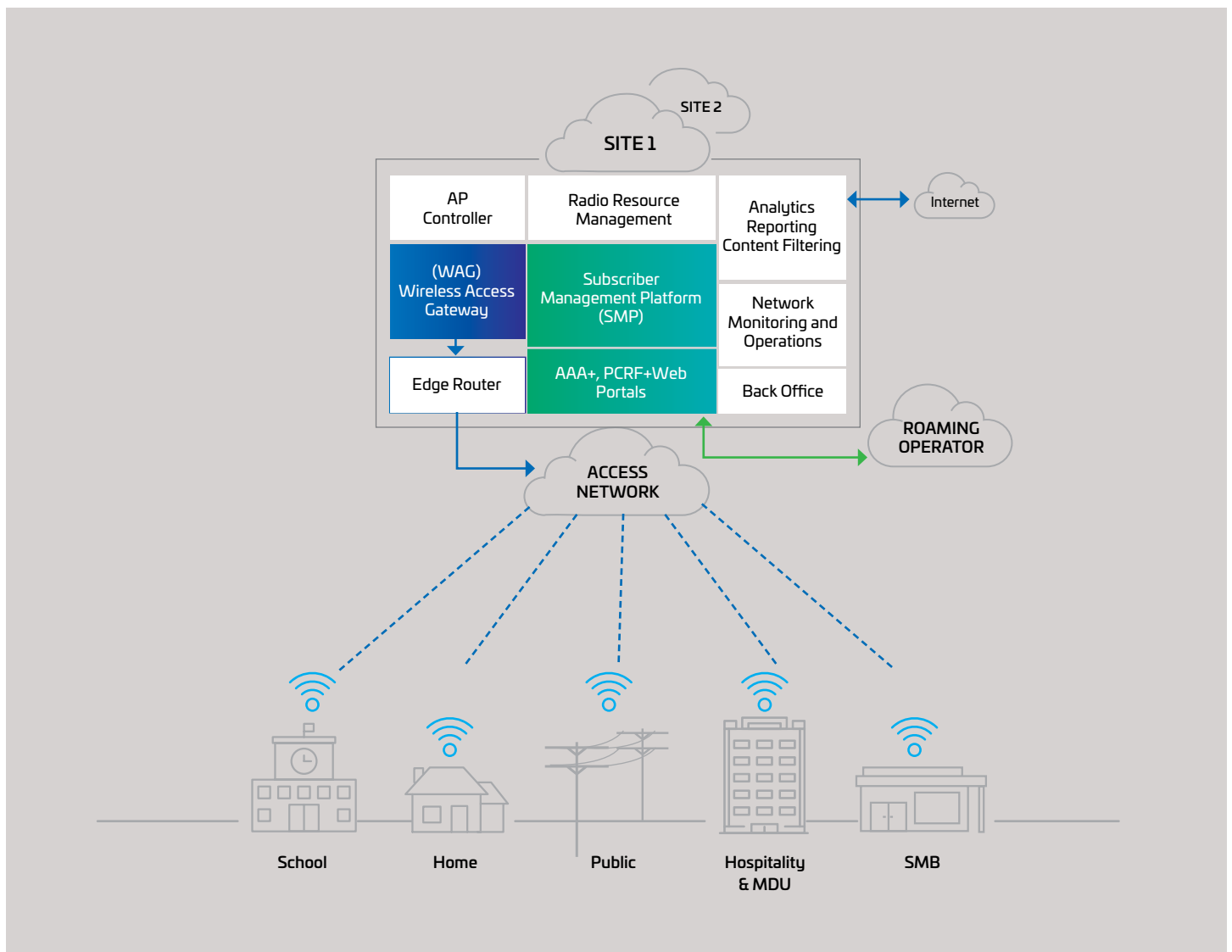- Customer RFP response

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.

CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement. We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at commscope.com

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Visit our website or contact your local CommScope representative for more information.