# Hosted Service Provider Wi-Fi Solutions

**COMMSCOPE®**

# Solution Highlights

- Private cloud core network elements:
  - Improves speed to market
  - Minimizes capital spend
  - Reduces expertise required
  - Allows you to pay as you grow
- Leverages and integrates with existing systems
- Serves key vertical markets
- Simplifies Wi-Fi monetization
- Integrated with SMS for passcode delivery
- Centralizes management and reporting
- Provides turnkey design, integration, deployment, management, and maintenance

With over 50 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), campus environments and many others. CommScope Hosted SP Wi-Fi allows operators to get to market faster and reduce the capital investment and expertise required to offer Wi-Fi services.

CommScope hosts key core 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), vEdge, access points and switches reside in the operator's network. If desired, over time, all network components can be migrated to the customer's network. This flexible and vendor agnostic 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 & wired platform
- Full featured network monitoring and reporting
- World class access point portfolio
- Custom portal development
- Vendor agnostic
- Support for key vertical markets:
  - SmartCities
  - Education
  - SMB
  - Hospitality
  - MDU
  - Campus
  - Home Spot
  - Event venues

## BENEFITS

- Customer retention / New revenues
- Lower capital & less expertise required in house
- Consistent user experience
- Footprint expansion via roaming
- Centralized management, reporting, and analytics
- Monetization of splash pages and targeted ads
- Speed to market

# Four Components of the CommScope Hosted SP Wi-Fi Solution

## PRIVATE CLOUD 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 CommScope is trusted more because we deliver more—more quality, more scale and more innovation.
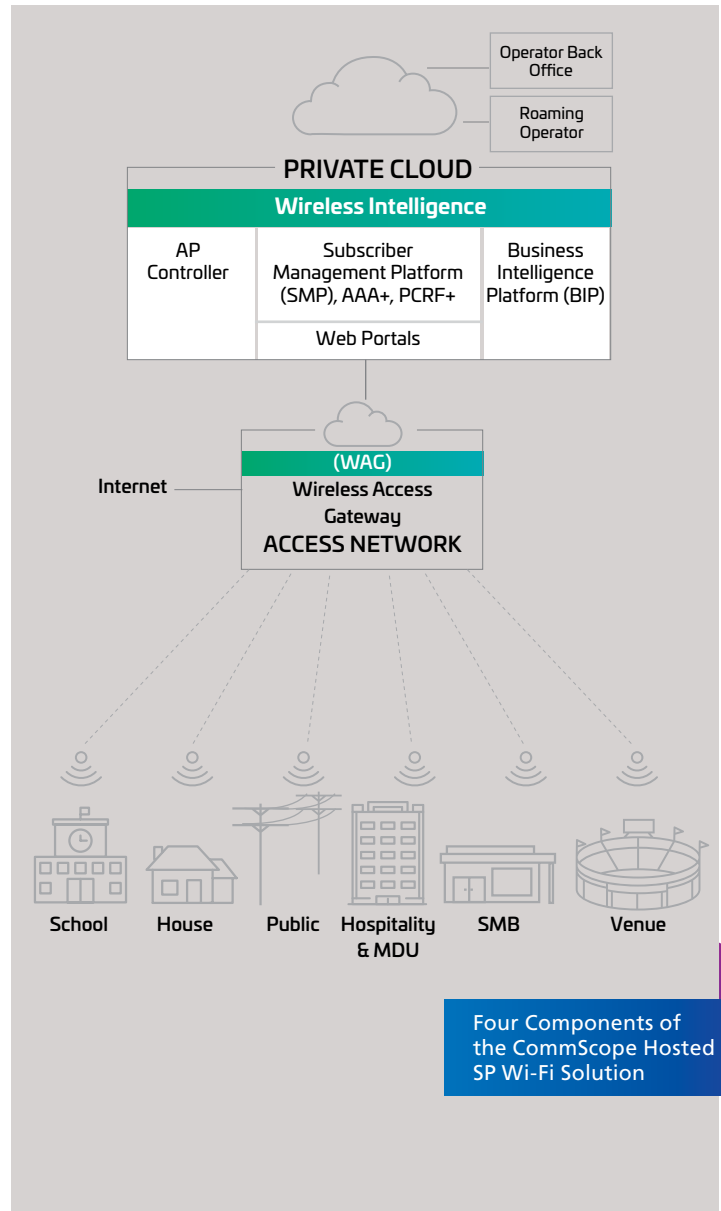
## WIRELESS ACCESS GATEWAY (OPERATOR'S NETWORK)

The WAG enables seamless mobility between access networks by terminating tunnels from Wi-Fi access points. This provides a consistent user experience across the network.

## PROFESSIONAL SERVICES

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

- Business case analysis
- System architecture
- Customer RFP response
- Core network deployment
- Portal customization
- Billing integration
- Installation & validation
- Managed services
- OSS/BSS integration
- Train and transfer



Four Components of the CommScope Hosted SP Wi-Fi Solution

## WI-FI ACCESS POINTS (OPERATOR'S NETWORK)

Our wide portfolio of enterprise and carrier Wi-Fi access points provides options to meet the unique requirements of each vertical market that you serve. The solution also supports other vendors access points if desired.

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

**COMMSCOPE®**