



# Better Managed Wireless Services

Today's network and access demands are changing dramatically in the face of a series of inescapable global trends, including the Bring Your Own Device (BYOD) mobility explosion, the emergence of "mobile first" access preference for every device, and the efficiencies of cloud services. These initiatives combined with the decentralization of the corporate office to include remote offices, branch offices, and teleworkers performing critical functions are forcing companies to reevaluate their existing IT strategies.

Deployment and management of an effective and reliable wireless network can be overwhelming. BCI can provide a superior solution as a service with no U-turns, bottlenecks or single points of failure, significantly increasing performance and reliability.

We do this by utilizing proven, advanced technology and processing power to create a managed access network with intelligence at the edge, the ability to dynamically route around problems, and no single point of failure.

## Benefits

- Reduced In-House IT staff Demands
- Centralized wireless network Management and Reporting Solutions
- Lower and More Predictable Costs / Fixed Monthly Rate

Our managed wireless solution design is based upon the fundamental premise that mobile device use will expand dramatically in the enterprise and Wi-Fi will become a primary form of access, and that user identity is far more important than connection type. Our managed solution distributes all control functions, policy enforcement, and data forwarding to edge devices while maintaining a centralized management system for monitoring and configuration, similar to how routing and firewall systems function.

To further increase the power and flexibility, and simplify the deployment and operation, we utilize cloud-enabled networking. This leverages a cloud services platform to remove the cost and complexity of deployment and management of the network, while delivering enterprise-class performance and security.

BCI's Managed Wireless Services provide a comprehensive managed services solution based on unique distributed intelligence architecture that can be deployed as a complete network solution, including network management, enterprise-class Wi-Fi access points, state of the art gigabit switches and easy to deploy routers.

## Features

- Unified Policy, Configuration and Reporting
- Proactive, Encrypted Monitoring of Customer Performance Metrics and Automated Notifications
- Industry Leading Policy Deployment and Management
- Customized Filtering of IP Addresses and Ports
- Ubiquitous Wi-Fi Coverage with 8-10 Times Bandwidth Improvements via 802.11n
- Consistent, User-Based Security Enforcement Regardless of Device
- Lower Cost of Entry - Eliminate Large Upfront Capital Expenditures
- No U-Turns, Bottlenecks, or Single Points of Failure
- Flexible Expansion - Just Add APs as Your Requirements Grow
- Provides Simple, Secure Guest Access
- 24/7/365 Personal Support

Better Managed Wireless Services	Essential	Enhanced	Prime
Static Access Point Management - Stationary Access Points	➤	➤	➤
Cloud Based - Cloud-Enabled Enterprise-Class Management System	➤	➤	➤
Express Mode Manager - Simple Company-Wide Policy Configuration for APAs (a)*	➤		
Up to Three (3) SSIDs - PSK Authentication	➤		
4 or More SSIDs - 802.1x Authentication / AD Based		➤	➤
Enterprise Mode Manager - Sophisticated Object-Based WLAN Policy Configurations (b)*		➤	➤
Application Visibility and Control - Based on User Identity		➤	➤
Firewall Management - Custom Firewall, QoS, and Tunnel Policies			➤
Branch Routing Management and VPNs - Mobile Access Points			➤
Switch Management			➤

\*(a) Not Included: Branch Routing, VPNs or Firewalls Using Fortinet for Security

\*(b) Included: Multiple Policies / Not Included: Branch Routing Management or VPNs