



Enabling mobility through a fully managed, reliable, and secure wireless access

WHAT IS WI-FI 6?

Wi-Fi 6 is the latest technology enabling a fit-for-business, fully managed WIFI network. With automated wireless access for employees and guests. It is an integrated and cost-effective managed solution orchestrated via a centralised Cloud instance per client.

Wi-Fi 6 offers full value enhancement through new technology that enables better wireless network performance and therefore collaboration.

BCX delivers Wi-Fi 6 as part of a cradle to grave solution with design, installation, integration, ongoing support, change management to ensure minimal disruption to business as well as buyback, upgrade when necessary. As part of management, options for on-site resourcing, detailed reporting, and self-management tools.

HOW IT WORKS

Professional services:

- Client Needs Analysis.
- TCO and BC Design.
- Technology selection.
- Analytics / campaign mgmt.
- Setup policy control and AD integration.
- RF planning toward optimal placement and BOM.
- RF planning toward optimal placement; design and compilation of BOM.

Implementation:

- WLAN install.
- Controller setup and soak.
- Network, NMS dashboard, and firewall configuration.
- The platform, Access/Firewall policies, and AD integration.

Full management:

- Tier 3 SLA or outsource.
- RMA and buy-back.
- National IMACDs.
- Health checks and preventative maintenance.
- Out of SLA remediation.

FEATURES AND BENEFITS

FEATURES	BENEFITS
Increased data rates	Higher modulation (Up to 1924 QAM).
Reduced latency	Uplink resource scheduling (OFDMA).
Greater IoT coverage	Deterministic capacity (OFDMA).
Higher density	Efficient spectral re-use (OFDMA, BSS colouring).
Power-efficient	Flexible low-power scheduling (Target wake time).

INDUSTRY OPPORTUNITIES WITH WI-FI 6

Corporate Remediation / Refresh	<ul style="list-style-type: none">• Replace antiquated W4 infrastructure.• Optional people tracking applications.
Distribution Centres	<ul style="list-style-type: none">• Complex environments designed for stock tracking, picking, and distribution.• Experience in radio planning and deployment in harsh operating conditions, stacked shelves and multiple SSID and channel conditions.
Retail	<ul style="list-style-type: none">• Guest solutions with centralised management.• Stock control and policy-controlled employee in-branch internet.
Specialised Environments	<ul style="list-style-type: none">• Hospitality and education.• Mines and ports.
Outsource Management	<ul style="list-style-type: none">• E.g., municipality hotspots.

WHY CHOOSE BCX?

From the BCX Centurion Network Operation Centre, BCX offers full end-to-end management of the customer solution, including monitoring of hardware availability through:

- Huawei Cloud Campus.
- Aruba Central.
- Ruckus Analytics.
- Cisco Prime infrastructure, Meraki Dashboard, and DNA centre.

BCX will provide a portal management tool that will enable clients to view the performance and link status of all sites and logins. We will also be available for the monthly SLA review meeting providing reports on the services provided.

AVAILABILITY

Wi-Fi 6 is available nationwide. For more information, **please contact your Account Manager.**