

Why Buy BelAir Networks?

The trusted brand of the world's most demanding customers

#1

The market leader

BelAir Networks was named the worldwide wireless mesh node market leader for seven consecutive quarters, according to research firm, Dell'Oro Group. This accomplishment reflects the company's track record of success in Government wireless networks and in large-scale Wi-Fi deployments for major Cable Operators and Telecom Service Providers.



End-to-end solutions

Whether you need a high-performance video surveillance network, wireless local area network (WLAN), wireless Smart Grid network, public Wi-Fi hotspot, or other wireless enabled solution, BelAir Networks industry-leading outdoor wireless nodes and indoor access points integrate with a broad range of complementary networking products, devices and interfaces to support end-to-end networking solutions. Enterprise users, government agencies and departments, utilities, telecom and cable service providers can all deploy BelAir Networks high-performance wireless technology to benefit from cost-effective and seamless mobile coverage for video, voice, and data services both indoors and outside.



Best of breed wireless products

BelAir Network products leverage the company's patented switched mesh architecture to create the highest performance and most reliable, flexible and scalable wireless access and backhaul networks for Wi-Fi, WiMAX, 4.4 GHz Military, 4.9 GHz Public Safety and 5.9 GHz ITS spectrum bands. Driven by the BelAirOS operating system software and managed by BelView, BelAir Networks offers the industry's most



comprehensive product portfolio with the highest capacity, lowest latency and fastest roaming speeds. Service providers also benefit from proven back office integration enabling remote centralized management, standards-based tunneled connections, and automatic node configuration.



Proven worldwide

BelAir Networks #1 market share has been achieved through hundreds of deployments worldwide, including major service provider hotspot networks, Armed Forces deployments, government-funded public safety and perimeter security networks, high-profile locations such as the London Eye in the UK, Lincoln Center in New York, Dolphin Stadium in Miami, the Space and Naval Warfare Systems Center (SPAWAR) and world-class hotels and resorts including Westin and Sheraton.

BelAir Networks Products and Services

BelAirCare

Customer care, product and network support packages designed to address a diverse range of customer requirements. BelAirCare includes an industry-leading warranty, Technical Assistance Center, BelAirOS and BelView upgrades and advance replacements options.



BelAirOS Operating System

BelAirOS enables advanced traffic management, network security and wireless multimedia (WMM) across the entire BelAir Networks product portfolio. Driving BelAir Networks industry leading performance, BelAirOS features include user segmentation, application prioritization, seamless mobility, and multi-layer security.



BelView Management, Intelligence and Reporting:

BelView is a comprehensive software package that allows network operators to easily configure, monitor and manage a complete network built with any combination of BelAir nodes.



BelView is designed to ensure these networks are easy to install and maintain, which maximizes utility while minimizing cost to both end users and network administrators.

Indoor Access Points

BelAir20 Access Point: The BelAir20 is a leading edge, enterprise class dual radio 802.11n AP featuring standard PoE. The BelAir20 leverages the company's industry leading mesh capabilities, BelAirOS and BelView in a compact form factor that's easy to power and integrates with BelAir's outdoor wireless nodes to deliver seamless indoor/outdoor mobile coverage.



Outdoor Wireless Access and Backhaul Nodes

BelAir100 Wireless Multi-service Node: The BelAir100 is a single or dual-radio, wireless multi-service node that can be deployed outdoors to provide Wi-Fi coverage in nearby buildings or over large outdoor areas. The BelAir100 can operate as a standalone device, or as part of a larger mesh connected via multiple point-to-point or point-to-multipoint links with any other BelAir nodes.



BelAir100T Wireless Mesh Node: The BelAir100T Wireless Mesh Node is a cost-effective multi-radio platform offering a versatile architecture for multiple configurations of access and backhaul. Designed for public safety and municipal deployments, the BelAir100T accommodates two full-slot radios, as well as one half-slot radio and provides support for a variety of networks including Wi-Fi, WiMAX, and 4.9 GHz Public Safety. Offering true standards-based seamless mobility, the BelAir100T provides uninterrupted service to critical applications, like voice and video, as subscribers move throughout the wireless mesh network.



BelAir 100S Strand-Mounted Wireless Multi-service Node:

The BelAir 100S builds on the BelAir 100 feature set with enhancements designed to enable fast and easy integration into cable and Multi-System Operators (MSO) existing infrastructure. The BelAir 100S can be directly attached to the operator's cable, is plant-powered at 40-90V AC and features a DOCSIS® interface.



BelAir 100D Wireless Mesh Node for Defense Applications:

The BelAir 100D is a dual-radio, wireless multiservice node customized for mission-critical defense applications and supporting 802.11n. It can be deployed outdoors to provide wireless connectivity in a range of civilian and military frequencies, including 4.4 GHz band. The BelAir 100D can operate as a standalone device, or participate in a BelAir Networks multiple point-to-point or point-to-multipoint mesh as an edge node or as a termination point for the mesh.



BelAir 20M Mobile Bridge:

The BelAir 20M cost-effectively addresses the mobility, coverage and backhaul challenges associated with providing mobile broadband service on high-speed mass transit vehicles. Linking to high capacity trackside wireless infrastructure comprised of BelAir Networks industry-leading outdoor mesh nodes, the BelAir 20M provides continuous, uninterrupted 802.11n Wi-Fi services supporting: public Wi-Fi access for commuters, telematics systems monitoring train operations, point of sale applications for ticketing, and video security cameras and monitoring.



BelAir 200 Wireless Multi-service Switch Router:

The BelAir 200 is a four radio, wireless multiservice switch router that can be used to build wide-area wireless broadband networks for single buildings, large hot zones, or carrier grade, city-wide networks. Encased in a compact, environmentally-hardened outdoor package, and available in multiple configurations, the BelAir 200 is designed to be deployed outdoors to project wireless broadband into nearby buildings or over large outdoor areas. This architecture integrates wireless access with wireless backhaul in an innovative wireless mesh for a flexible, multi-service solution.



BelAir 200D Wireless Mesh Node for Defense Applications:

The BelAir 200D is a four radio, wireless multi-service switch router customized for mission-critical defense applications and supporting 802.11n. The BelAir 200D, encased in a compact, environmentally-hardened outdoor package, is available in multiple configurations and a full range of civilian and military frequencies, including the 4.4 GHz band.



BelAir Networks Solutions

	Government Networks	Service Provider Wi-Fi	
APPLICATIONS	Video Security & Monitoring WLAN Smart Grid	Wi-Fi Hot Zones Hospitality Wi-Fi Mass Transit Wi-Fi	Carrier-grade
MARKET FOCUS	Defense Ports Local/State Gov't Mass Transit	MSO Hospitality ISPs Telecom SPs	Deliver services Retain subscribers
WHY WE WIN	<p>Customers:</p> <ul style="list-style-type: none"> US Navy Major Ports, Mass Transit, Police Depts. 	<p>Customers:</p> <ul style="list-style-type: none"> 9 of the Top 10 MSOs World's leading hotel chains 	<p>Network Security</p> <p>Network Management</p> <p>High-performance: High Capacity, Low Latency</p> <p>Reliability: Proven Ruggedized Gear</p> <p>Scalability: Expandable Broadband Coverage</p> <p>Flexibility: Mounting, Interfaces, Frequency</p>



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