

Why IDN?

- Over 10 Years of experience in the education market
- Main Sub Contractor for Somerset County Council
- Highly trained engineers and project management staff
- End to End service
- Aruba Certified Partners

IDN and Aruba Customers include

- Somerset County Council
- The Robert Blake Science College
- Ansford Secondary School



ARUBA™

At Integrated Data Needs Ltd we strive to keep our loyal customer base up to date with new products and services.

We are pleased to announce with Aruba a new cost effective Adaptive 802.11n Wireless LAN Solution.

802.11n is a technology that revolutionizes the networking industry by permitting a shift from wired to wireless for the primary enterprise access network. This allows organizations to rightsize their network, deploying and maintaining fewer wired ports per user and dramatically reducing network costs. 802.11n makes network rightsizing possible; only Aruba makes rightsizing achievable.

Aruba's 802.11n solution consists of high-performance controllers, the value-priced AP-105 access point (priced lower than many competitors' 802.11a/b/g APs), and the flagship AP-124 and AP-125 access points. Powering the system is ArubaOS, a software suite that provides rock-solid network security, Adaptive Radio Management for maximum wireless performance, and low-latency roaming for optimized application support. The AirWave Wireless Management Suite provides centralized visibility and control over the entire system.

Aruba fundamentally changes the economics of network access by making low-cost, high-performance wireless an option for organizations of any size.

802.11n for the price of 802.11a/b/g. Seriously. 802.11n is a transformational technology in enterprise networking: delivering the speed, capacity and coverage demanded by today's increasingly distributed workforce. Until now, two issues have prevented many organizations from realizing the full benefits of this technology... standards ratification and cost.

On September 11 2009, the IEEE ratified the 802.11n standard, breaking down the first of these

barriers. Organizations looking to reap the benefits of enterprise-grade 802.11n can now do so comfortably, without risk that changes to the final standard could render draft-N products obsolete.

On September 23 2009, Aruba Networks completely shattered the second barrier to .11n adoption... price. The Aruba AP-105 delivers best-in-class enterprise-grade 802.11n features and functionality at a fraction of the cost of competitive products. Value priced at just \$695 (U.S. List), the AP-105 will accelerate adoption of 802.11n by offering enterprise-grade security, high throughput, streaming video support, and other key features previously available only in more expensive devices.

Key features of the AP-105 include:

- High Throughput and Resiliency: Dual radio, 2x2 MIMO design delivers up to 300Mbps per radio;
- Flexible Installation Options: Integrated antennas support both wall and ceiling mounting; 802.3af Power over Ethernet (PoE) simplifies installation;
- One Access Point, Many Uses: Software reconfiguration allows repurposing for connectivity, mesh, intrusion sensor, and remote access applications - one access point, many uses;
- Integrated Security: Trusted Platform Module (TPM) securely stores network credentials and cipher keys to protect network integrity even if the access point is probed or stolen;
- Optimized RF Performance: Adaptive Radio Management (ARM) enhances performance by managing client behavior.

All this for the price of 802.11a/b/g!
Go Ahead. Start Speeding.

Aruba Networks is also offering generous trade-in terms for competitors' legacy 802.11a/b/g wireless access points, as well as an infrastructure upgrade program for existing customers. Contact Integrated Data Needs for additional information.

FAQ

What is the AP-105?

The AP-105 is a new enterprise 802.11n access point from Aruba that delivers extraordinary value in a sleek, compact package. It includes dual-band radios with integrated antennas, and is capable of an aggregate data rate of 600Mbps. The AP-105, Aruba's first 2x2 MIMO access point, allows customers to deploy high-speed 802.11n wireless networks at a significantly lower cost of than was previously possible.

What problem does the AP-105 address?

The AP-105 addresses the need for a value-priced 802.11n access point that delivers enterprise-class features, security, and performance. By offering an 802.11n access point at a price that is comparable to competitors' legacy 802.11a/b/g products, the AP-105 makes high-speed wireless networks affordable for almost any organization. As a result, more organizations can cost-effectively 'rightsize' their networks, shifting users from costly and less efficient wired ports to lower-cost wireless access without sacrificing performance or reliability. The new paradigm for networking will become "Use Wireless Everywhere You Can, Wired Only Where You Must." The AP-105 is both value-priced and an uncompromisingly high-performance access point. It delivers the differentiating features customers have come to expect from Aruba Networks: security, reliability, scalability and manageability

The value-priced AP-105 hardware platform shares key features that distinguish Aruba's 802.11n wireless solutions, including:

- Downloadable ArubaOS™ software
- Adaptive Radio Management technology
- Centralized network management
- Advanced encryption and integrated user-centric security
- Flexible mounting options
- Trusted Platform Module for secure storage of network credentials
- Compact, attractive design

What enabled Aruba build a low-cost 802.11n Access Point?

Aruba's innovative, efficient design for the AP-105 significantly reduces production and packaging costs while minimizing the size of the device. In addition, Aruba's fast-growing production volume has enabled the company to significantly reduce component costs for both the new AP-105 and existing AP-120 series products. Aruba is passing these savings along to its customers in the form of value pricing.

Is the AP-105 Wi-Fi Alliance certified?

Yes. The AP-105 is certified as an 802.11n Draft 2.0 device, and will be interoperable with the recently ratified standard.

Is the AP-105 plenum rated?

Yes, the AP-105 is compliant with UL2043 and may be deployed in air-handling spaces.

Can I use the AP-105 as a Remote Access Point?

Yes, Remote Access Point functionality is supported.

Can I use the AP-105 as a mesh access point?

Yes, the AP-105 may be used as a mesh point or a mesh portal.

Can the AP-105 be deployed outdoors?

The AP-105 is designed as an indoor access point, and has an operating temperature range of 0° to 50°C (32° to 122°F). Provided it is mounted in a suitable weather protected

enclosure, and that operating temperature and humidity limited are observed, the AP-105 can be used outdoors.

How do I know how many AP's my school will need?

Integrated Data Needs Ltd are currently offering free no obligation site surveys and consultancy visit. From this visit we will provide you with a budgetary or firm pricing

How do I book a site survey?

It's very simple, just call Rhys in our office on the details below and he will happily book a survey

Why Aruba?

- 802.11n makes networking rightsizing possible; only Aruba makes rightsizing achievable.
- The Aruba AP-105 provides tremendous value, with dual radio 802.11n performance at the price other vendors charge for 802.11a/b/g.
- Adaptive Radio Management automatically optimises the air – eliminating site surveys, avoiding interference, and increasing predictability and reliability.
- Aruba's identity-based security sets the industry standard for wireless security by making wireless more secure than wired networks.
- Aruba has the industry's highest performing controllers, meaning even at 802.11n speeds there are no slowdowns.
- The AirWave Wireless Management Suite gives IT a single point of visibility and control over the entire wireless network, lowering costs and improving efficiency.
- Aruba provides enterprise-grade hardware backed by Aruba's unique lifetime warranty program.

