



Product Overview

Ideal for small and medium-sized networks, the Cisco[®] Aironet[®] 1850 Series delivers industry-leading performance for enterprise and service provider markets via enterprise-class 4x4 MIMO, four-spatial-stream access points that support the IEEE's new 802.11ac Wave 2 specification. The Aironet 1850 Series extends support to a new generation of Wi-Fi clients, such as smartphones, tablets, and high-performance laptops that have integrated 802.11ac Wave 1 or Wave 2 support.

Features and Benefits

With 802.11ac Wave 2, the Aironet 1850 Series provides a data rate of up to 1.7 Gbps on the 5-GHz radio, more than triple the rates offered by today's high-end 802.11n access points. It also enables a total aggregate dual-radio data rate of 2.0 Gbps, providing the necessary foundation for enterprise and service provider networks to stay ahead of the performance and bandwidth expectations and needs of their wireless users.

Due to its convenience, wireless access is increasingly the preferred form of network connectivity for corporate users. Along with this shift, there is an expectation that wireless should not slow down users' day-to-day work, but should enable a high-performance experience while allowing users to move freely. The 1850 Series delivers industry-leading performance for highly secure and reliable wireless connections and provides a robust mobility experience that includes:

- 802.11ac Wave 2 with 4x4 multiple-input multiple-output (MIMO) technology with four spatial streams when
 operating in single-user MIMO mode and three spatial streams while operating in multiuser MIMO mode,
 offering 1.7-Gbps rates for more capacity and reliability than competing access points.
- Multiuser MIMO, allowing transmission of data to multiple 802.11ac Wave 2 capable clients simultaneously
 to improve client experience. Prior to multiuser MIMO, 802.11n and 802.11ac Wave 1 access points could
 transmit data to only one client at a time, typically referred to as single-user MIMO.
- Transmit beamforming technology to improve downlink performance to mobile devices, including one-, two-, and three-spatial-stream devices on 802.11ac, while improving battery life on mobile devices such as smartphones and tablets.

 Flexible deployment mode through the Cisco Mobility Express Solution is ideal for small to medium-sized deployments that require multiple access points. Easy setup allows the 1850 Series to be deployed on networks without a physical controller.

All of these features help ensures the best possible end-user experience on the wireless network. Cisco also offers the industry's broadest selection of 802.11n and 802.11ac antennas, delivering optimal coverage for a variety of deployment scenarios.

Product Specifications

Table 1. Product Specifications

Feature	Specifications						
Software	Cisco Unified Wireless Network Software Release with AireOS wireless controllers:						
	8.1 MR1 or later for the Cisco Aironet 1850 Series Access Points						
Deployment modes	Centralized local, Standalone [*] , Sniffer, Cisco FlexConnect [™] , Monitor ^{**} , OfficeExtend ^{**} , Mesh ^{**}						
Supported wireless LAN controllers	 Cisco 2500 Series Wireless Controllers, Cisco Wireless Controller Module for ISR G2, Cisco Wireless Services Module 2 (WiSM2) for Catalyst[®] 6500 Series Switches, Cisco 5500 Series Wireless Controllers, Cisco Flex[®] 7500 Series Wireless Controllers, Cisco 8500 Series Wireless Controllers, Cisco 5760 Series Wireless Controllers, Cisco Catalyst 3650/3850 Series switch with integrated controller Cisco Mobility Express 						
802.11n version 2.0 (and related) capabilities	 4x4 MIMO with four spatial streams Maximal ratio combining (MRC) 20- and 40-MHz channels PHY data rates up to 600 Mbps (40 MHz with 5 GHz) Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) 802.11 dynamic frequency selection (DFS) Cyclic shift diversity (CSD) support 						
802.11ac Wave 1 and 2 capabilities	 4x4 MIMO with four spatial streams, single-user MIMO 4x4 MIMO with three spatial streams, multiuser MIMO MRC 802.11ac beamforming (transmit beamforming) 20-, 40-, and 80-MHz channels PHY data rates up to 1.7 Gbps (80 MHz in 5 GHz) Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx) 802.11 DFS CSD support Rogue device detection 						
Data rates supported	802.11a: 6, 9, 12, 18, 24, 36, 48, and 54 Mbps						
	802.11g: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54 Mbps						
	802.11n data rates on	2.4 GHz (only 20 MHz a	and MCS 0 to MCS 23) a	nd 5 GHz:			
	MCS Index ¹	GI ² = 800 ns	GI = 800 ns	GI = 400 ns	GI = 400 ns		
		20-MHz Rate (Mbps)	40-MHz Rate (Mbps)	20-MHz Rate (Mbps)	40-MHz Rate (Mbps)		
	0	6.5	13.5	7.2	15		
	1	13	27	14.4	30		
	2	19.5	40.5	21.7	45		
	3	26	54	28.9	60		
	4	39	81	43.3	90		
	5	52	108	57.8	120		
	6	58.5	121.5	65	135		

¹ MCS Index: The Modulation and Coding Scheme (MCS) index determines the number of spatial streams, the modulation, the coding rate, and data rate values

58.5

Feature	Specifications
² GI: A guard interval	(GI) between symbols helps receivers overcome the effects of multipath delay spreads.

Data rates supported MCS Index³ $GI^4 = 800 \text{ ns}$ GI = 800 ns GI = 400 ns GI = 400 ns 20-MHz Rate (Mbps) 40-MHz Rate (Mbps) 40-MHz Rate (Mbps) 20-MHz Rate (Mbps) 72.2 28.9 43.3 57.8 86.7 115.6 144.4 19.5 40.5 21.7 43.3 58.5 121.5 86.7 173.3 175.5 364.5 216.7 28.9 57.8 86.7 115.6 173.3 231.1 288.9 802.11ac data rates (5 GHz): MCS Spatial GI = 800 ns GI = 400 ns Index Streams 20-MHz 40-MHz 80-MHz 20-MHz Rate 40-MHz Rate 80-MHz Rate Rate Rate Rate (Mbps) (Mbps) (Mbps) (Mbps) (Mbps) (Mbps) 32.5 6.5 13.5 29.3 7.2 58.5 14.4 19.5 40.5 87.8 21.7 97.5 28.9

121.5

175.5

263.3

292.5

43.3

57.8

72.2

86.7

292.5

³ MCS Index: The Modulation and Coding Scheme (MCS) index determines the number of spatial streams, the modulation, the coding rate, and data rate values.

Feature

Specifications

⁴ GI: A guard interval (GI) between symbols helps receivers overcome the effects of multipath delay spreads.

| MCS | Spatial | GI = 800 ns | GI = 400 ns

MCS Index	Spatial Streams	GI = 800 ns			GI = 400 ns		
		20-MHz Rate (Mbps)	40-MHz Rate (Mbps)	80-MHz Rate (Mbps)	20-MHz Rate (Mbps)	40-MHz Rate (Mbps)	80-MHz Rate (Mbps)
9	1	-	180	390	-	200	433.3
0	2	13	27	58.5	14.4	30	65
1	2	26	54	117	28.9	60	130
2	2	39	81	175.5	43.3	90	195
3	2	52	108	234	57.8	120	260
4	2	78	162	351	86.7	180	390
5	2	104	216	468	115.6	240	520
6	2	117	243	526.5	130	270	585
7	2	130	270	585	144.4	300	650
8	2	156	324	702	173.3	360	780
9	2	-	360	780	-	400	866.7
0	3	19.5	40.5	87.8	21.7	45	97.5
1	3	39	81	175.5	43.3	90	195
2	3	58.5	121.5	263.3	65	135	292.5
3	3	78	162	351	86.7	180	390
4	3	117	243	526.5	130	270	585
5	3	156	324	702	173.3	360	780
6	3	175.5	364.5	-	195	405	-
7	3	195	405	877.5	216.7	450	975
8	3	234	486	1053	260	540	1170
9	3	260	540	1170	288.9	600	1300
0	4	26	54	117	28.9	60	130
1	4	52	108	234	57.8	120	260
2	4	78	162	351	86.7	180	390
3	4	104	216	468	115.6	240	520
4	4	156	324	702	173.3	360	780
5	4	208	432	936	231.1	480	1040
6	4	234	486	1053	260	540	1170
7	4	260	540	1170	288.9	600	1300
8	4	312	648	1404	346.7	720	1560
9	4	-	720	1560	-	800	1733.3

WiFi Access Point

Feature	Specifications	
Maximum number of	A (A regulatory domain):	K (K regulatory domain):
nonoverlapping	 2.412 to 2.462 GHz; 3 channels 	 2.412 to 2.472 GHz; 3 channels
channels	• 5.180 to 5.320 GHz; 8 channels	• 5.180 to 5.320 GHz; 8 channels
	• 5.500 to 5.700 GHz; 8 channels	• 5.500 to 5.620 GHz; 7 channels
	(excludes 5.600 to 5.640 GHz)	• 5.745 to 5.805 GHz; 4 channels
	• 5.745 to 5.825 GHz; 5 channels	N (N regulatory domain):
	B (B regulatory domain):	• 2.412 to 2.462 GHz; 3 channels
	2.412 to 2.462 GHz; 3 channels	• 5.180 to 5.320 GHz; 8 channels
	• 5.180 to 5.320 GHz; 8 channels	• 5.745 to 5.825 GHz; 5 channels
	• 5.500 to 5.720 GHz; 12 channels	Q (Q regulatory domain):
	• 5.745 to 5.825 GHz; 5 channels	• 2.412 to 2.472 GHz; 3 channels
	C (C regulatory domain):	• 5.180 to 5.320 GHz; 8 channels
	• 2.412 to 2.472 GHz; 3 channels	• 5.500 to 5.700 GHz; 11 channels
	• 5.745 to 5.825 GHz; 5 channels	R (R regulatory domain):
	D (D regulatory domain):	• 2.412 to 2.472 GHz; 3 channels
	• 2.412 to 2.462 GHz; 3 channels	• 5.180 to 5.320 GHz; 8 channels
	• 5.180 to 5.320 GHz; 8 channels	• 5.660 to 5,805 GHz; 7 channels
	• 5.745 to 5.825 GHz; 5 channels	S (S regulatory domain):
	E (E regulatory domain):	• 2.412 to 2.472 GHz; 3 channels
	 2.412 to 2.472 GHz; 3 channels 	• 5.180 to 5.320 GHz; 8 channels
	• 5.180 to 5.320 GHz; 8 channels	• 5.500 to 5.700 GHz;, 11 channels
	• 5.500 to 5.700 GHz; 8 channels	• 5.745 to 5.825 GHz; 5 channels
	(excludes 5.600 to 5.640 GHz)	T (T regulatory domain):
	F (F regulatory domain):	• 2.412 to 2.462 GHz; 3 channels
	• 2.412 to 2.472 GHz; 3 channels	• 5.280 to 5.320 GHz; 3 channels
	• 5.745 to 5.825 GHz; 4 channels	• 5.500 to 5.700 GHz; 8 channels
	H (H regulatory domain):	(excludes 5.600 to 5.640 GHz)
	• 2.412 to 2.472 GHz; 3 channels	• 5.745 to 5.825 GHz; 5 channels
	• 5.150 to 5.350 GHz; 8 channels	Z (Z regulatory domain):
	• 5.745 to 5.825 GHz; 5 channels	 2.412 to 2.462 GHz; 3 channels
	I (I regulatory domain):	• 5.180 to 5.320 GHz; 8 channels
	• 2.412 to 2.472 GHz; 3 channels	• 5.500 to 5.700 GHz; 8 channels
	• 5.180 to 5.320 GHz; 8 channels	(excludes 5.600 to 5.640 GHz)
		• 5.745 to 5.825 GHz; 5 channels
	esponsible for verifying approval for use in their individual co <u>.cisco.com/go/aironet/compliance</u>	ountries. To verify approval that corresponds to a particular
Maximum number of	2.4 GHz	5 GHz
nonoverlapping	• 802.11b/g:	• 802.11a:
channels	∘ 20 MHz: 3	∘ 20 MHz: 25
	• 802.11n:	• 802.11n:
	∘ 20 MHz: 3	。 20 MHz: 25
		∘ 40 MHz: 12
		• 802.11ac:
		• 20 MHz: 21
		• 40 MHz: 12
		∘ 80 MHz: 6
Note: This yeries have	rulatory domain. Pofor to the product decommentation for	
Note. This varies by rec	gulatory domain. Refer to the product documentation for spe	como detano foi edon regulatory doffidiri.

Specifications

• 802.11b (CCK)

WiFi Access Point

Feature

Receive sensitivity

ilivity	• 802.11b (CCK)	• 602.119 (11011			a (11011 11 120)	
	• -101 dBm @ 1 Mb				IBm @ 6 Mbps	
	• -98 dBm @ 2 Mbp				IBm @ 9 Mbps	
	• -92 dBm @ 5.5 Mb • -89 dBm @ 11 Mb		.		IBm @ 12 Mbps	
	5 -09 dBill @ 11 Mb	ps			IBm @ 18 Mbps IBm @ 24 Mbps	
		∘ -85 dBm @			IBm @ 36 Mbps	
		∘ -81 dBm @	•		IBm @ 48 Mbps	
		∘ -79 dBm @			IBm @ 54 Mbps	
	2.4 GHz			5 GHz		5 GHz
	• 802.11n (HT20)			• 802.11ı	n (HT20)	• 802.11n (HT40)
	• -96 dBm @ MCS0				IBm @ MCS0	• -93 dBm @ MCS0
	-93 dBm @ MCS1				IBm @ MCS1	-90 dBm @ MCS1
	∘ -90 dBm @ MCS2				IBm @ MCS2	∘ -87 dBm @ MCS2
	∘ -87 dBm @ MCS3				IBm @ MCS3	∘ -84 dBm @ MCS3
	∘ -84 dBm @ MCS4			∘ -83 d	IBm @ MCS4	∘ -80 dBm @ MCS4
	∘ -79 dBm @ MCS5			。-79 d	IBm @ MCS5	∘ -76 dBm @ MCS5
	· -78 dBm @ MCS6			。 -77 d	IBm @ MCS6	∘ -75 dBm @ MCS6
	 -76 dBm @ MCS7 			∘ -76 d	IBm @ MCS7	· -73 dBm @ MCS7
	 -93 dBm @ MCS8 			∘ -93 d	IBm @ MCS8	∘ -90 dBm @ MCS8
	∘ -90 dBm @ MCS9				IBm @ MCS9	• -87 dBm @ MCS9
	 -87 dBm @ MCS1 				IBm @ MCS10	• -84 dBm @ MCS1
	• -84 dBm @ MCS1				IBm @ MCS11	• -81 dBm @ MCS1
	• -81 dBm @ MCS1				IBm @ MCS12	• -77 dBm @ MCS1
	• -76 dBm @ MCS1				IBm @ MCS13	• -73 dBm @ MCS1
	• -75 dBm @ MCS1				IBm @ MCS14	• -72 dBm @ MCS1
	• -73 dBm @ MCS1				IBm @ MCS15	• -70 dBm @ MCS1
	 -91 dBm @ MCS1 -88 dBm @ MCS1 				IBm @ MCS16 IBm @ MCS17	 -88 dBm @ MCS1 -85 dBm @ MCS1
	-85 dBm @ MCS1				IBm @ MCS17	82 dBm @ MCS1
	-82 dBm @ MCS1				IBm @ MCS19	-79 dBm @ MCS1
	∘ -79 dBm @ MCS2				IBm @ MCS20	∘ -75 dBm @ MCS2
	· -74 dBm @ MCS2	1		。 -74 d	IBm @ MCS21	∘ -71 dBm @ MCS2
	∘ -73 dBm @ MCS2	2		。 -72 d	IBm @ MCS22	∘ -70 dBm @ MCS2
	∘ -71 dBm @ MCS2	3		∘ -71 d	IBm @ MCS23	∘ -68 dBm @ MCS2
				∘ -89 d	IBm @ MCS24	∘ -86 dBm @ MCS2
				∘ -85 d	IBm @ MCS25	∘ -83 dBm @ MCS2
				∘ -83 d	IBm @ MCS26	• -80 dBm @ MCS2
					IBm @ MCS27	• -77 dBm @ MCS2
					IBm @ MCS28	• -73 dBm @ MCS2
					IBm @ MCS29	• -69 dBm @ MCS2
					IBm @ MCS30 IBm @ MCS31	 -68 dBm @ MCS3 -66 dBm @ MCS3
	802.11ac Receive Sens	itivity		03 0	I WOODI	00 dBill @ MCO
	802.11ac (non HT80) • -89 dBm @ 6 Mbps • -73 dBm @ 54 Mbps					
	MCS Index	Spatial Streams				
			VHT20		VHT40	VHT80
	0	1	-96 dBm		-93 dBm	-89 dBm
	7	1	-76 dBm		-73 dBm	-70 dBm
	8	1	-71 dBm		-69 dBm	-66 dBm
			NIA		-67 dBm	-64 dBm
	9	1	NA		-07 UDIII	0145111

• 802.11g (non HT20) • 802.11a (non HT20)

WiFi Access Point

Feature	Specifications					
reature	7	2	-73 dBm		-70 dBm	-67 dBm
		2				
	8		-68 dBm		-66 dBm	-63 dBm
	9	2	NA		-64 dBm	-61 dBm
	0	3	-91 dBm		-88 dBm	-84 dBm
	7	3	-71 dBm		-68 dBm	-65 dBm
	8	3	-66 dBm		-64 dBm	-61 dBm
	9	3	-64 dBm		-62 dBm	-59 dBm
	MCS Index	Spatial Streams			1	
			VHT20		VHT40	VHT80
	0	4	-89 dBm		-86 dBm	-82 dBm
	7	4	-69 dBm		-66 dBm	-63 dBm
	8	4	-64 dBm		-62 dBm	-59 dBm
	9	4	NA		-60 dBm	-57 dBm
Note: The maximum pospecific details. Available transmit power settings	2.4 GHz • 802.11b • 22 dBm, 3 antenn • 802.11g • 22 dBm, 3 antenn • 802.11n (HT20) • 22 dBm, 3 antenn ower setting will vary by compared to the setting will vary be compared to the setting will be compared to the setting will be compared to the setting will be co	nas	individual co	802.11 23 d 802.11 23 d 802.11 0 non- VHT VHT	Bm, 4 antennas n (HT20) Bm, 4 antennas n (HT40) Bm, 4 antennas n (HT40) Bm, 4 antennas ac HT80: 23 dBm, 4 antennas ac 20: 23 dBm, 4 antennas ac 40: 23 dBm, 4 antennas ac ac entral actions. Refer to the pro-	nas nas nas
	• 1 dBm			• 2 dBm		
Note: The maximum pospecific details.	ower setting will vary by c	hannel and according to	individual co	ountry regula	ations. Refer to the pro	oduct documentation for
Integrated antenna	_	i, internal omni, horizonta nternal omni, horizontal b				
External antenna (sold separately)		h antenna gains up to 6 dustry's broadest selection	-			a variety of deployment
Interfaces	1 x 10/100/1000BAManagement conso	 1 x 10/100/1000BASE-T autosensing (RJ-45), Power over Ethernet (PoE) 1 x 10/100/1000BASE-T autosensing (RJ-45), AUX (used for Link Aggregation) Management console port (RJ-45) USB 2.0 (enabled via future software) 				
Indicators	Status LED indicate	es boot loader status, ass	ociation stat	us, operatin	g status, boot loader v	warnings, boot loader errors
Dimensions (W x L x H)	Access point (without)	ut mounting bracket): 8.3	3 x 8.3 x 2 in.	(210.8 x 21	0.8 x 50.8 mm)	

Feature	Specifications
Weight	• 3.12 lb (1.41 kg)
Environmental	Cisco Aironet 1850i Nonoperating (storage) temperature: -22° to 158°F (-30° to 70°C) Nonoperating (storage) altitude test: 25°C, 15,000 ft. Operating temperature: 32° to 104°F (0° to 40°C) Operating humidity: 10% to 90% (noncondensing) Operating altitude test: 40°C, 9843 ft. Cisco Aironet 1850e Nonoperating (storage) temperature: -22° to 158°F (-30° to 70°C) Nonoperating (storage) altitude test: 25°C, 15,000 ft. Operating temperature: -4° to 122°F (-20° to 50°C) Operating humidity: 10% to 90% (noncondensing) Operating altitude test: 40°C, 9843 ft.
System memory	• 1 GB DRAM • 256 MB flash
Input power requirements	 AP1850: 44 to 57 VDC Power supply and power injector: 100 to 240 VAC; 50 to 60 Hz
Power draw	• 20.9W Note: When deployed using a Power over Ethernet (PoE) specification, the power drawn from the power sourcing equipment will be higher by some amount, depending on the length of the interconnecting cable.
Powering options	 802.3at Enhanced PoE Cisco power injector, AIR-PWRINJ4= Cisco local power supply, AIR-PWR-C= Cisco power injector, AIR-PWRINJ5= (Note: this injector supports 802.3af only) 802.3af Note: If 802.3af PoE is the source of power, (1) the 1852e 2.4-GHz radio will shift to 2x3 from 3x4, (2) The USB port and AUX Ethernet port are disabled on both the 1852i and 1852e.
Warranty	Limited lifetime hardware warranty
Compliance standards	 UL 60950-1 CAN/CSA-C22.2 No. 60950-1 UL 2043 IEC 60950-1 EN 60950-1 EN 60950-1 EN 50155 Radio approvals: FCC Part 15.247, 15.407 RSS-210 (Canada) EN 300.328, EN 301.893 (Europe) ARIB-STD 66 (Japan) ARIB-STD 71 (Japan) EMI and susceptibility (Class B) FCC Part 15.107 and 15.109 ICES-003 (Canada) VCCI (Japan) EN 301.489-1 and -17 (Europe) EN 60601-1-2 EMC requirements for the Medical Directive 93/42/EEC IEEE standards: IEEE 802.11a/b/g, 802.11n, 802.11h, 802.11d IEEE 802.11ac Draft 5 Security: 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA 802.1X Advanced Encryption Standard (AES) Extensible Authentication Protocol (EAP) types:

Feature	Specifications
	EAP-Transport Layer Security (TLS)
	 EAP-Tunneled TLS (TTLS) or Microsoft Challenge Handshake Authentication Protocol Version 2 (MSCHAPv2)
	Protected EAP (PEAP) v0 or EAP-MSCHAPv2
	 EAP-Flexible Authentication via Secure Tunneling (FAST)
	∘ PEAP v1 or EAP-Generic Token Card (GTC)
	EAP-Subscriber Identity Module (SIM)
	Multimedia:
	∘ Wi-Fi Multimedia (WMM)
	Other:
	∘ FCC Bulletin OET-65C
	∘ RSS-102

Supported via Cisco Mobility Express with controller function running on the access point - not Cisco IOS® Software Autonomous based.

Warranty Information

The Cisco Aironet 1850 Series Access Points come with a limited lifetime warranty that provides full warranty coverage of the hardware for as long as the original end user continues to own or use the product. The warranty includes 10-day advance hardware replacement and ensures that software media are defect-free for 90 days. For more details, visit http://www.cisco.com/go/warranty.

Ordering Information

To place an order, visit the Cisco How to Buy page. To download software, visit the Cisco Software Center.

 Table 2.
 Ordering Information

Part Number Cisco Aironet 1852i Access Point: Indoor environments, with internal antennas
Cisco Aironet 1953; Access Boint: Indoor environments, with internal antennas
Cisco Allonet 18321 Access Form. Indoor environments, with internal afficilias
• AIR-AP1852I-x-K9: Dual-band, controller-based 802.11a/g/n/ac, Wave 2
• AIR-AP1852I-x-K9C: Dual-band, controller-based 802.11a/g/n/ac, Wave 2, configurable
• Regulatory domains: (x = regulatory domain)
Cisco Aironet 1852e Access Point: Indoor, challenging environments, with external antennas
AIR-AP1852E-x-K9: Dual-band, controller-based 802.11a/g/n/ac, Wave 2
• AIR-AP1852E-x-K9C: Dual-band, controller-based 802.11a/g/n/ac, Wave 2, configurable
• Regulatory domains: (x = regulatory domain)
Customers are responsible for verifying approval for use in their individual countries. To verify approval that corresponds to a particular country or the regulatory domain used in a specific country, visit http://www.cisco.com/go/aironet/compliance .
Not all regulatory domains have been approved. As they are approved, the part numbers will be available on the Global Price List.

Cisco Services

Realize the full business value of your technology investments faster with intelligent, customized services from Cisco and our partners. Backed by deep networking expertise and a broad ecosystem of partners, Cisco Wireless LAN Services help you deploy a sound, scalable mobility network that enables rich media collaboration while improving the operational efficiency gained from a converged wired and wireless network infrastructure based on the Cisco Unified Wireless Network. Together with partners, we offer expert plan, build, and run services to accelerate your transition to advanced mobility services while continuously optimizing the performance, reliability, and security of that architecture after it is deployed. For more details, visit http://www.cisco.com/go/wirelesslanservices.

Future.

Cisco Aironet 1850 WiFi Access Point

Cisco Wireless LAN Services

- AS-WLAN-CNSLT: Cisco Wireless LAN Network Planning and Design Service
- AS-WLAN-CNSLT: Cisco Wireless LAN 802.11n Migration Service
- AS-WLAN-CNSLT: Cisco Wireless LAN Performance and Security Assessment Service

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