




# Benefits of Upgrading to Cisco Wireless Access Points



Network Requirements for the Digital Organization	Feature	Generation 1 Cisco® Aironet® Access Points	Generation 2 Cisco Aironet Access Points	Latest Cisco Aironet Access Points	Benefits
		1600/2600/3600 Series	1700/2700/3700 Series	1800/2800/3800/4800 Series	
 Insights and Experiences	Maximum data rate	450 Mbps (3600 Series)	1.3 Gbps (2700 and 3700 Series)	5.2 Gbps (2800, 3800 and 4800 APs)	Users will gain a better experience through a better-performing network
	Connected Mobile Experiences (CMX)	✓	✓	✓	Analyze visitor behavior, make guest Wi-Fi access easier, track assets quickly and accurately, and provide visitors with a better experience
	Cisco Application Visibility and Control (AVC)	No	✓	✓	Visibility into 1000+ applications for capacity planning and prioritization
	Future-ready modularity	3600 Series only	3700 Series only	3800 Series only	Prepare for next-generation technology today
	Intelligent Capture	No	No	2800, 3800 and 4800 APs only	Probes the network and provides the DNA Center with deep data analysis
 Automation and Assurance	Cisco High Density Experience (HDX)	No	✓	✓	Automatically manages the airwaves and improves Wi-Fi performance
	Flexible, software-defined, dual radios, 5 GHz	No	No	2800 and 3800 Series only  (4800 has four radios)	Automated support for client surges with dual 5-GHz radios
	Best practices	No	✓	✓	Advanced features easily enabled through Mobility Express and WLAN Express Setup

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	Apple FastLane	No	✓	✓	Enables iOS devices to intelligently communicate and fast-track a connection to the best-suited access point, quickly and efficiently, all while saving battery power
	Cisco Jabber®/ Lync SDN API	No	✓	✓	Allows employees to access instant messaging, voice, video, voice messaging, desktop sharing, and conferencing from anywhere
	Cisco DNA Center	No	No	✓	Simplifies network management by reducing risk and allowing for automating device deployment. Not only that but it lowers costs too
 Security and Compliance	Cisco Identity Services Engine (ISE)	✓	✓	✓	A next-generation identity and access control policy platform that enforces compliance, enhances infrastructure security, and streamlines service operations
	NetFlow	No	✓	✓	Provides a key set of services for IP applications, including network traffic accounting, usage-based network billing, network planning security, denial-of-service monitoring capabilities, and network monitoring
	Cisco Stealthwatch	No	✓	✓	Enables advanced network visibility, analytics, and protection by showing everything that happens across your network and data center

Learn more at <https://www.cisco.com/go/wireless>.