

# HP ProCurve Wireless LAN products software feature matrix

Selected Software Features <sup>1</sup>	ProCurve Networking Software Features						
	Earliest Software Version Required						
	Access Points and Wireless Edge Services						Discontinued Product
	10ag	420	530	700wl	5300 WESM	5400/8200 WESM	520wl
<b>IP Settings</b>							
DHCP Client	WM.01.11	2.0.29	wa.01.05	3.1.128	WS.01.03	WT.01.03	2.1.2
DHCP Server				3.1.128	WS.02.07	WT.01.03	2.1.2
Statically configurable	WM.01.11	2.0.29	wa.01.05	3.1.128	WS.01.03	WT.01.03	2.1.2
<b>Network Management</b>							
SNMP v1/v2c	WM.01.11	2.0.29	wa.01.05	3.1.128	WS.01.03	WT.01.03	2.1.2
SNMP v3		2.1.0	wa.02.10		WS.01.05	WT.01.03	2.4.5
Remote configuration/management	WM.01.11	2.x	wa.01.05	3.1.128	WS.01.05	WT.01.03	2.x
Identity Driven Management			wa.01.05		WS.01.05	WT.01.03	
ProCurve Mobility Manager		2.x	wa.01.05		WS.01.05	WT.01.03	
ProCurve Identity Driven Manager (IDM) QoS					WS.02.07	WT.01.03	
sFlow			wa.02.10		WS.02.07	WT.01.03	
Group Configuration			wa.02.10				
Probe List			wa.02.10				
<b>System Logging</b>							
Network statistics							2.1.2
Event logs (error messages to a syslog server)		2.0.29	wa.01.05	3.1.128	WS.01.03	WT.01.03	2.1.2
Event logs (error messages to the console)		2.0.29	wa.01.05	3.1.128	WS.01.03	WT.01.03	
Event logs (via web GUI)	WM.01.13	2.0.29	wa.01.05	3.1.128	WS.01.03	WT.01.03	2.1.2
Export Logs and export Network Equipment list.				4.1.1.37			
<b>Wired Equivalent Privacy (WEP)</b>							
WEP Static (pre-shared keys: 64, 128 and 152 bits)	WM.01.11	2.0.29	wa.01.05		WS.01.05	WT.01.03	2.1.2 <sup>3</sup>
WEP Dynamic (with 802.1X)	WM.01.11	2.0.29	wa.01.05		WS.01.05	WT.01.03	2.1.2
<b>Wi-Fi Protected Access (WPA)</b>							
WPA PSK (pre-shared keys: 64 hexadecimal digits)	WM.01.11	2.0.29	wa.01.05		WS.01.05	WT.01.03	
WPA Dynamic (with 802.1X)		2.0.29	wa.01.05	4.5.0.37			2.4.5
WPA2 / 802.11i support	WM.01.11	2.1.0	wa.01.05	4.x	WS.01.05	WT.01.03	
AES (WPA)	WM.01.11	2.0.29	wa.01.05		WS.01.05	WT.01.03	
TKIP (WPA)	WM.01.11	2.0.29	wa.01.05		WS.01.05	WT.01.03	2.x
<b>Filtering</b>							
AP management (management traffic control)		2.0.29					2.1.2
Ethernet Type (protocol filtering)		2.0.29		3.1.128	WS.02.07	WT.01.03	2.1.2
Local wireless bridge client traffic		2.0.29	wa.01.05		WS.01.05	WT.01.03	2.1.2
<b>VLANs</b> (maximum VLANs)		64					2

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Tagging (802.1Q)		2.0.29	wa.01.05	4.5.0.37	WS.01.03	WT.01.03	2.1.2
VLAN to SSID mapping		2.1.0	wa.01.05		WS.01.03	WT.01.03	2.4.5
<b>Radio</b>							
802.11a	WM.01.11				WS.01.03	WT.01.03	2.1.2
802.11b	WM.01.11	2.0.29	wa.01.05		WS.01.03	WT.01.03	2.1.2
802.11g	WM.01.11	2.1.2	wa.01.05		WS.01.05	WT.01.03	2.x
802.11g with 802.11a	WM.01.11				WS.01.05	WT.01.03	
802.11g with 802.11b	WM.01.11	2.0.29	wa.01.05		WS.01.03	WT.01.03	2.4.5
Simultaneous 802.11a/b/g	WM.01.11		wa.01.05				
Closed system		2.0.29	wa.01.05		WS.01.05	WT.01.03	2.1.2
Multiple SSIDs (8)	WM.01.11	2.1.0					
Multiple SSIDs (16)			wa.01.05		WS.01.05	WT.01.03	2.1.2
Independent security settings per SSID	WM.01.11	2.1.0	wa.01.05		WS.01.05	WT.01.03	2.1.2
Multiple RADIUS servers per SSID		2.1.0					2.1.2
External Antenna	WM.01.11	2.x	wa.01.05				2.x
Fast Layer 2 roaming between modules					WS.02.07	WT.01.03	
Layer 3 mobility					WS.02.07	WT.01.03	
Layer 3 RP adoption					WS.02.07	WT.01.03	
Adaptive Tx Power Control (ATPC)			wa.02.10				
<b>Management Interface</b>							
Command Line Interface (CLI) via console		2.0.29	wa.01.05	3.1.128	WS.01.x	WT.01.03	2.1.2
Command Line Interface (CLI) via telnet		2.0.29	wa.01.05	4.1.1.37	WS.01.x	WT.01.03	2.1.2
Web Browser Interface	WM.01.11	2.0.29	wa.01.05	3.1.128	WS.01.05	WT.01.03	2.1.2
<b>Other Features</b>							
10/100Base-TX RJ-45 port	WM.01.11	2.0.29	wa.01.05	1.128 (gigabit)			2.1.2
Adjustable output (transmit) power		2.0.29	wa.01.05		WS.01.05	WT.01.03	2.4.5
Auto Channel Select (ACS)	WM.01.11	2.0.29	wa.01.05		WS.01.05	WT.01.03	2.1.2
Dual flash images		2.0.29	wa.01.05	3.1.128	WS.01.03	WT.01.03	2.x
FTP		2.0.29	wa.01.05	3.1.128 (client)	WS.01.03	WT.01.03	
Inter-AP Protocol (IAPP) 802.11f		2.0.29					2.1.2
Ping/Link integrity		2.0.29					2.1.2
Power over Ethernet (PoE) 802.3af	WM.01.11	2.0.29	wa.01.05		WS.01.05	WT.01.03	
SNTP		2.0.29	wa.01.05	4.5.0.37		WT.01.03	
Secure NTP					WS.02.07	WT.01.03	

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TFTP		2.0.29	wa.01.05	3.1.128 (client)	WS.01.03	WT.01.03	2.1.2
Wireless Distribution System (WDS)			wa.01.05				2.1.2 <sup>4</sup> /2.4.5
SpectraLink Voice Priority		2.1.0	wa.01.05		WS.02.07	WT.01.03	2.4.5
Human Readable/Editable (text) Configuration Files		2.1.0			WS.01.03	WT.01.03	2.1.2
WiFi 802.11g and WPA 2 Certifications	WM.01.11	2.1.0	wa.01.14		WS.01.05	WT.01.03	
Broadcast/Multicast Packet Limiting		2.1.2	wa.01.05	3.1.128			
Neighbor AP detection		2.1.0	wa.01.05		WS.01.05	WT.01.03	2.4.5
Multiple administrator accounts				3.1.128	WS.01.03	WT.01.03	
Quality of Service	WM.01.11			4.5.0.37	WS.01.05	WT.01.03	2.x**
WMM	WM.01.11		wa.01.05		WS.01.05	WT.01.03	
Self Healing					WS.01.05	WT.01.03	
International Country Configuration	WM.01.11	2.x <sup>5</sup>	wa.01.05		WS.01.05	WT.01.03	
Network Address Translation (NAT)					WS.02.07	WT.01.03	
Multiple configuration files			wa.01.05				
Meets ETSI Radar Interference Requirements	WM.01.15		wa.02.15				
<b>Security</b>							
Internal RADIUS server			wa.01.08 <sup>7</sup>		WS.02.07	WT.01.03	
RADIUS accounting	WM.01.11	2.1.0	wa.01.05	4.1.1.37	WS.02.07	WT.01.03	2.1.2
RADIUS MAC authentication	WM.01.11	2.0.29	wa.01.05	4.1.1.37	WS.02.07	WT.01.03	2.1.2 <sup>2</sup>
RADIUS for 802.1X authentication - EAP MD5	WM.01.11	2.0.29		4.4.0.50 (as pro)	WS.01.05	WT.01.03	2.1.2
RADIUS for 802.1X authentication - EAP PEAP	WM.01.11	2.0.29	wa.01.05	4.4.0.50	WS.01.05	WT.01.03	2.1.2
RADIUS for 802.1X authentication - EAP TLS	WM.01.11	2.0.29	wa.01.05	4.0.50 (as pro)	WS.01.05	WT.01.03	2.1.2
RADIUS for 802.1X authentication - EAP TTLS	WM.01.11	2.0.29	wa.01.05	4.0.50 (as pro)	WS.01.05	WT.01.03	2.1.2
RADIUS for 802.1X authentication - EAP SIM	WM.01.11		wa.01.05	4.0.50 (as pro)	WS.01.05	WT.01.03	
RADIUS for 802.1X authentication - EAP GTC	WM.01.11		wa.01.05	4.0.50 (as pro)	WS.01.05	WT.01.03	
802.1X port-based access control	WM.01.11		wa.02.10				2.x
Local MAC authentication	WM.01.11		wa.01.05	3.1.128	WS.01.03	WT.01.03	
Local RADIUS authentication	WM.01.11		wa.01.05	4.4.0.50	WS.02.07	WT.01.03	
Web-based authentication			wa.02.10	3.1.128	WS.01.05	WT.01.03	
Port Security (MAC-Lockout)			wa.02.10				
Dynamic VLAN Assignment for MAC Authentication Clients		2.1.3	wa.01.05	4.4.0.50	WS.02.07	WT.01.03	
Deauthentication of Clients Through SNMP		2.1.3	wa.02.10		WS.01.03	WT.01.03	
Secure Sockets Layer (SSL)		2.x	wa.01.05	3.1.128	WS.01.05	WT.01.03	2.4.5
Secure Sockets Layer v3 (SSLv3)				4.5.0.37			

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	10ag	420	530	700wl	5300 WESM	5400/8200 WESM	520wl
Secure Shell (SSH)				4.1.1.37			
Secure Shell v2 (SSHv2)		2.1.0	wa.01.05	3.1.128			
Secure http		2.1.0		3.1.128	WS.01.03	WT.01.03	
Secure Copy Protocol (SCP)			wa.01.05				
Management VLAN		2.1.0	wa.01.05		WS.01.11	WT.01.03	
Management Access Control	WM.01.11	2.1.0	wa.01.05		WS.01.05	WT.01.03	
802.1X Supplicant		2.1.0					
Security configuration per card							2.4.5
Separate Username/password for CLI and WEBUI		2.1.0			WS.01.03 <sup>6</sup>	WT.01.03	
Two Level Access: Operator (read) / Manager (read/write)		2.1.0		3.1.128	WS.01.03	WT.01.03	
Web-Users accounts					WS.02.07	WT.01.03	
Rate limiting			wa.01.05	4.1.1.37	WS.01.05	WT.01.03	
Firewall					WS.02.07	WT.01.03	
Per-user ACLs			wa.01.05	3.1.128	WS.01.05	WT.01.03	
IP and MAC ACLs					WS.02.07	WT.01.03	
Supportable by Airewave Management Platform (AMP)		2.0.39			WS.01.03		
GRE tunnels					WS.02.07		

<sup>1</sup>October 2009  
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<sup>1</sup> For more information, visit our web site at [www.procurve.com](http://www.procurve.com) <sup>1</sup> For more information, visit our web site at [www.procurve.com](http://www.procurve.com)

<sup>2</sup> Supports multiple MAC address formats.

<sup>3</sup> For 802.11b supports 64-bit and 128-bit only.

<sup>4</sup> 2.1.2 applicable to 802.11b only

<sup>5</sup> J8131A only

<sup>6</sup> WS.01.03 for Web, WS.02.07 for CLI

<sup>7</sup> Internal RADIUS server supports only one EAP type - PEAP-MSCHAPv2.