

EnGenius Cloud Features

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New Available

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Last Update:

29 10 2020

Schedule	Category	Section	Feature	Feature detail 1	Feature detail 2	Feature Finetuning (FFT)	FFT Schedule	Firmware required	SMB / Free	Enterprise / Paid	Cloud To-Go app [20200826]	Comment		
active	Login		● Support FB						•	•	•			
active			(Login Page)	● Support EnGenius Partner Portal Single-Sign-On						•	•	•		
active			● Support Google Login						•	•	•			
active	Organizations	Multi-Tenant Organizations	● Support multiple Organizations for user to be able to switch between different Organizations		<i>Org name will be the user's account name.</i>				•	•	○			
active				● Admin Account					5	Δ	Unlimited	•		
active				● Admin Account Management	Admin can delete admin when there is at least one admin in a Org., so user can move the Org from one user account to another user			20200923		•	•	•		
active				● "Network" as a group configuration and includes AP, Switch, SkyKey						•	•	•		
active				● Support layers of "Hierarchical View" as group of Networks						•	•	•		
active				● Organization-wide default	● Country					•	•	•		
active					● Network Time zone					•	•	•		
active				User Privileges	● Multiple levels of administration users (Org Admin/Viewer; Network Admin/Viewer/Frontdesk)					•	•	•		
active			Dark Mode	(light/dark icon in top right)	Toggle Dark mode	Toggle between light (normal) and Dark Theme				•	•		X	
active			Information	(Question mark icon in top right menu)	User manual	Redirect to User manual, also includes Release notes and Microsite				•	•		X	
active	EnGenius Remote Access	● Customer can provide Random-generated Passcode for EnGenius Support team to be able to remotely access customer's Cloud settings							•	•	•			
active	Notifications	(Bell in right of top menu)	● Email /app notification to	○ device up / down				•	•	•	•			
active					○ device changed (add/remove)				•	•	•	•		
active	User Menu	(Initials icon in right of top menu)	Edit Profile	First/last name / company				•	•	•	•			
active				Password	change				•	•	•	•		
active				Two-Factor-Authentication option for user account						•	•	•	•	
active				Language	Multi language	• English				•	•	•	•	
active						• Simplified Chinese					•	•	•	•
active				Tour	of the UI					•	•		X	
active				API Key	Create / Edit API					•	•			
active				Notification Settings						•	•	•	•	
active				Account Delete	● Be able to delete my profile					•	•	•	•	
active				Logout	● Log out from the cloud					•	•	•	•	
active	Manage/Monitor	(Main Menu item)	Dashboard	● Support visualized dashboard	○ Radar Health Check chart				○	○	○			
active						○ Overview Switch/AP/Clients with redirect to page					○	○	○	
active						○ Throughput					○	○	○	
active						○ Top N report					○	○	○	
active							Top Access Points				○	○	○	
active							Top Clients				○	○	○	
active							Top SSIDs				○	○	○	
active							○ Layer 7 Application ranking				○	○	○	
active							○ Top Device OSs				○	○	○	
active					Access Points	● AP List	• Name				•	•	•	•
active				• MAC				○	○	○	○			
active				• Model Name				○	○	○	○			
active				• Channel				○	○	○	○			
active				• WAN IP				○	○	○	○			
active				• LAN IP				○	○	○	○			
active				• FW Version				○	○	○	○			
active				• Uptime				○	○	○	○			
active				• Last Update				○	○	○	○			
active				• Mesh Mode				○	○	○	○			
active				• Actions				•	•	•	•			
active			● Change Device Name					•	•	•	•			
active			● Fold-down quick menu	• Client qty				○	○	○	○			
active				• throughput				○	○	○	○			
active				• channel utilization				○	○	○	○			
active				• Radio quicksettings				•	•	•	•			
active												Able to partially override radio settings under AP list expansion view. User can choose "Network Setting" from drop down list, which will inherit from Network Radio setting		
active				• SSID monitoring				•	•	•	•			

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active				• Mesh enable/disable					•	•					
active				• Quickmap					○	○					
active			● Details: AP detail page	● AP Details	• Display of AP Details				○	○	○				
active						• LED on/off				•	•	•			
active						• LED Blinking				•	•	•			
active						● Real Time Meters	• CPU				○	○	○		
active							• Memory				○	○	○		
active							• Throughput				○	○	○		
active						● Summary	• SSID information				○	○	○		
active							• Throughput per SSID				•	•			
active							• Radio Settings	Adjust the max Tx power to match the model!	20201018			•	•	•	
active						• Mesh							•		
active						• IP addressing	Management VLA	20201018			•	•	•		
active						• Photo					•	•	•		
active						● Port Settings	For ECW115: VLAN / VLAN ID				•	•			
active						• Logs					○	○	○		
active						• Clients					○	○	○		
active						● Reboot					•	•	•		
active						● Replace					•	•	•		
active						● (Google) Map	• Support Google map				•	•			
active				• Support device management (add, move, remove)					•	•					
active				• Building quick link					•	•					
active				● Floor Plans	• indoor floor map				•	•					
active					• Building quick link				•	•					
active					• Support device management (add, move, remove)				•	•					
active					• Heatmap	show "RSSI" value on heat map	20200601			•	•				
active				• Add obstacles					•	•					
active		Switches Switch list with change name, reboot and link to switch detail page:	● Switch List	• Name					•	•	○				
active					• MAC					○	○	○			
active					• Model Name					○	○	○			
active					• WAN IP					○	○				
active					• LAN IP					○	○				
active					• Port (Active/Total)					○	○				
active					• FW Version					○	○				
active					• Uptime					○	○	○			
active					• Last Update					○	○				
active					• Actions					•	•				
active					● Change Device name						•	•	•		
active					● Fold-down quick menu	• port view					○	○			
active				• VLAN status						○	○				
active				• PoE /STP status						○	○				
active				● Reboot						•	•	•			
active				● Replace						•	•	•			
active				● Details (Switch Detail Page)	● Switch details	display of switch details				○	○	○			
active							Link to topology				○	○			
active						● Real Time Meters	• CPU				○	○	○		
active							• Memory				○	○	○		
active						● Summary	• Ports				○	○	○		
active							• PoE Usage per Port				○	○	○		
active							• IP addressing	Management VLA	20201021			•	•	•	
active							• VLAN					•	•	•	
active							• Photo					•	•	•	
active						● System Setting (need tick to override networkwide settings)	• Spanning Tree Protocol				•	•	○		
active							• LLDP					•	•	○	
active							• Voice VLAN					•	•	○	
active					• Quality of Service (QoS)						•	•	○		
active					• IGMP Snooping						•	•	○		
active				• Jumbo Frames						•	•	○			
active				• Local GUI	Disable / Enable	20201021			•	•					
active			● Port Setting	• Link					•	•	○				
active					• Label					•	•				
active					• Speed / Duplex					•	•	○			
active					• PoE					•	•	○			
active					• VLANS					•	•	○			
active					• Port Isolation					•	•				
active				• Rate Limit					•	•					

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active		Topology	● Show Topology of Cloud Switch and AP's		● Flow Control				●		●							
active					● QoS					●		●	○					
active					● Port Mirror	● Set port for Mirroring (3 sessions)			v1.1.29		●		●					
active					● Link Aggregation	● Set port LA (8 groups max)			v1.1.29		●		●					
active					● Logs													
active							- Search device and client to highlight the path to Internet - Shows connected Switch port - Shows link speed and trunk port				PLFD		Δ	●				
active							- show all AP connecting to internet with/without connecting to our switch	add-on	20201021		PLFD		Δ	●				
active							- Mesh view + RSSI on link	add-on	20201021		PLFD		Δ	●				
active				Clients	● Client Traffic Per SSID							○		○				
active							● Top Applications (layer 7 application Ranking)						○		○			
active							● Client List	Client Name						○		○	○	
active								Client Rename						●		●	X	
active								MAC						○		○	○	
active								Last Seen						○		○	○	
active								Last Associated AP						○		○	○	
active			SSID									○		○	○			
active			OS									○		○	○			
active			RSSI									○		○	○			
active			Rate									○		○	○			
active			Band									○		○	○			
active			Download									○		○	○			
active			Upload									○		○	○			
active			Block (from SSID)									●		●				
active			Block Network Wide						●		●							
active			VIP (whitelist) client					AP: 1.3.10	●		●							
active			● Client Detail Page	Client Name									○					
active				RSSI Icon									○					
active				Band									○					
active				Download									○					
active				Upload									○					
active		Last Seen (time ago)										○						
active		MAC										○						
active		IP address										○						
active		OS										○						
active		Vendor (Icon)										○						
active		(Wi-Fi)SSID										○						
active		Last Associated AP										○						
active		Last Associated radio									X							
active		Access Control	Block Network Wide								●							
active			Block From SSID								●							
active		Kick									●							
active		● Client Timeline							PLFD		○	PLFD						
active										Δ								
active		● Exposure Analysis							PLFD		○	X						
active										Δ								
active	Configure (Main Menu item)	SSID (Network) : list with add / delete	Wireless Settings	Name				20200601	●		●	●						
active					Radio						●		●	●				
active					Wi-Fi Security	Open						●		●	●	sequence change		
active						OWE						●		●	●			
active						WPA2 Personal						●		●	●			
active						WPA3 Personal (SAE) - WPA3 only						●		●	●			
active						WPA3/WPA2 Personal mixed						●		●	●			
active						WPA2 Enterprise						●		●	●			
active						WPA3 Enterprise						●		●	●			
active						SSID QR code Generation and print						●		●		save as picture		
active					802.11r						●		●	●				
active					802.11w						●		●	●				
active					Client IP mode	NAT Mode					●		●	●				
active						Custom DNS					●		●	●				
active						Bridge Mode					●		●	●				
active		VLAN ID						●		●	●							

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active				Enable Application Analysis					•		•	•	feature name change	
active				Advanced Settings	L2 Isolation				•		•	•		
active					Bandsteering (11v) (Balance/Prefer/Force with RSSI Threshold and client%)				•		•	•		
active			Bandwidth Limitation	Upload / Download (Mbps) per user / SSID					•		•	•		
active			Captive portal	Click-through					•		•	•		
active				EnGenius Authentication					•		•	•		
active				Custom Radius	Type				•		•	•		
active					Server 1/2				•		•	•		
active					NAS ID (IP /Port)			v1.3.10	•		•	•		
active					Accounting server 1/2				•		•	•		
active				Voucher Service: add Access Plan					•		•	•		
active				Social Login					•		•	•		
active				Redirect URL					•		•	•		
active				Advanced Setting: Timeout / Walled Garden					•		•	•		
active			Splash page	external Splash Page URL					•		•	•		
active				Local Splash Page					•		•	•		
active				WYSWYG editor					•		•	•	preview	
active				enhanced WYSWYG:	Background image be able to edit as well				•		•	•		
active					Upload image can be resized				•		•	•		
active			SSID broadcast Schedule	Weekly schedule					•		•	•		
active			Access Control	Block client from access network				v1.3.4	•		•	•		
active				Clone from SSID within same Network					•		•	•		
active		Radio Settings (indoor / outdoor model separated)	Band on/off						•		•	•		
active			channel (fixed / auto)						•		•	•		
active			channel HT mode			channel range display			•		•	•		
active			Tx Power						•		•	•		
active			Minimum Bitrate						•		•	•		
active			Client Limitation						•		•	•		
active			Discard 802.11a/b/g						•		•	•		
active			Disable 11ax in 2.4G						•		•	•		
active			Disable 11ax in 5G						•		•	•		
active			Mesh (Select Band Auto Pairing)			When mesh is set, Tx power will be adjusted to max. Individually enable mesh function for indoor or outdoor.	20200708	v1.3.7	•		•	•	•	
active			Cloud Radius	Radius users						•		•	•	
active				Authorized SSIDs						•		•	•	
active			Firmware Upgrade	• Support scheduled automated firmware upgrade at specific time in a week separated AP and Switch, select						•		•	•	
active		Alert Setting	AP	Configuration changed within network					•		•	•		
active				AP goes offline						•		•	•	
active				Event						•		•	•	
active			Switch	Configuration changed within network						•		•	•	
active				Switch goes offline						•		•	•	
active				Switch port link status change						•		•	•	
active				Switch STP port status change						•		•	•	
active				Any/specific switch port(s) changed link speed						•		•	•	
active				Event						•		•	•	
active			VLAN Settings	Network-Wide VLAN Settings (Can be overruled by individual switch)						•		•	•	
active			Switch	Network-Wide	Spanning Tree Protocol					•		•	•	
active			General Settings (Global)	Network	Country					•		•	•	
active					Timezone						•		•	•
active		Global Login Credential			For AP/switch local GUI (username / password)					v1.1.29	•		•	•
active		AP	Lan Port Settings	Led Light					•		•	•		
active				For ECW115: VLAN / VLAN ID						•		•	•	
active				Syslog Server Settings						•		•	•	
active			advanced settings	Presence reporting						•		•	•	
active				Traffic log						•		•	•	
active			Switch	Syslog Server Settings						•		•	•	
active		Access Control	Blocked List						•		•	•		
active			VIP List					20201018	50	•		50	•	

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active	Analyze (Main Menu item)	Event Logs	● Device Event	○ Device changed with timestamp ○ Device down with timestamp					7 days	Δ	1 year	○		
active			● System Event	○ Cloud user account creation/deletion/modification					7 days	Δ	1 year	○		
active			● Config Log	○ Configuration changed with cloud user ID and timestamp					7 days	Δ	1 year	○		
active	EnSky	Skykey	Listing, add to / remove from network						●		●	○ just list		
active	Team Member (network member)		Delete						●		●	●		
active			Invite	assign to network						●		●	●	
active				assign permission						●		●	●	
active	Organization (in bottom of main menu)	Inventory Management	● Register	Single					●		●	●		
active				Multiple entries					●		●	●		
active			● Deregister							●		●	●	
active			● Support QR Code scanning for registration with app							○		○	●	
active			● Change Name							●		●	●	
active		● Assign to / Remove from Network							●		●	●		
active		Security	Enable / Disable TFA (For active network)						●		●	●		
active	Privacy	Enable / Disable Exposure Analysis						●		●	●			
active	HotSpot Front-Desk Portal (Login to cloud with Front Desk account) (Need to have hotspot enabled) https://cloud.engenius.ai/frontdesk	● Guest Pass (creation)	● Select Access Plan	Default plans or custom plans defined by admin (under captive portal)					●		●			
active			● Auto Generation of Voucher	limit 100 voucher for SMB	20200629				100	Δ	Unlimited			
active			● Manual Entry							Δ	Unlimited			
active		● Guest Management (List for Voucher Management)	● Edit						●		●			
active			● Delete						●		●			
active			● Print						●		●			
active			● export to .csv						●		●			
active	Intercom support		Conversation					tba		●	●			
active			EnGenius Remote Support authorization					tba		●	●			
active	Client Notifications		Warning message pop-up for "Blocked Client"					v1.3.5						
active	Device Behavior		Device Locat Setting will override Cloud 1st time on-board					AP v1.3.4 / SW v1.1.29						
	Firmware	AP	Beta					v1.3.11						
active			stabile						v1.3.10					
		Switch	Beta					v.1.1.40						
active			stabile						v.1.1.36					
active	Access points	Indoor	ECW120	11ac W2 2x2	ceiling mount				●		●	●		
active			ECW220	11ax 2x2	ceiling mount				●		●	●		
active			ECW230	11ax 4x4	ceiling mount				●		●	●		
active		Outdoor	ECW115	11ac W2 2x2	wall plate				●		●	●		
active			ECW160	11ac W2 2x2	outdoor IP67				●		●	●		
active			ECW260	11ax 2x2 N-type	outdoor IP67				●		●	●		
2020Q3	Switches		ECS5512FP	8x 10GbE 4SFP+	PoE.bt 420W				●		●	●		
active			ECS5512	8x 10GbE 4SFP+					●		●	●		
active			ECS2512FP	8x 2.5GbE 4SFP+	PoE.bt 240W				●		●	●		
active			ECS2512	8x 2.5GbE 4SFP+					●		●	●		
active			ECS1552FP	48x 1GbE 2SFP+	PoE.at 740W				●		●	●		
active			ECS1528FP	24x 1GbE 2SFP+	PoE.at 410W				●		●	●		
active			ECS1552	48x 1GbE 2SFP+					●		●	●		
active			ECS1528	24x 1GbE 2SFP+					●		●	●		
active			ECS1112FP	10x 1GbE 2SFP+	PoE.at 130W				●		●	●		
active	ECS1008P	8x 1GbE	PoE.af 55W				●		●	●				
active	API		API interface done for 3rd party voucher vendors or									https://docs.engenius.ai/whitepapers/captive-portal/extended		

black text: already implemented; Blue text: under current development; Gray text: Planned; | ● active feature (editable) | ○ Passive feature (monitoring)

PLFD: Paid License Feature Debut (now available but will later only be available in Paid Version)