



Nebula Plus & Professional Packs Feature List

M	M2	F	S	W	Feature Name	Feature Description	APP	Plus Pack	Pro Pack	Target User	NCC Location	Note
●		✓	✓	✓	Group-wide feature sets	Handy tools to manage group(s) consisting with two or more Pro orgs that you own, including Monitor - Overview, Inventory, Change log and Configure - Settings, Org-to-Org VPN, and Administrators. Besides the Org-to-Org VPN which is used to manage cross-org VPN and its service, other settings share the same name features as Organization-wide but from the group perspective.			●	VAR&IT	Group-wide (appears if at least one group of organizations is created)	*Only NCC Admin owns more than 2 Pro orgs could create group.
●		✓	✓	✓	Organization change logs	Every changes on your org. will be recorded so that you can check what settings have been made by whom and when.			●	VAR&IT	Organization-wide > Monitor > Change log	
	●	✓	✓	✓	Login IP address ranges for an organization	List the IP addresses or ranges from which an administrator is allowed to log into the NCC.	(Follow NCC setting)		●	MSP	Organization-wide > Configure > Setting	
●		✓	✓	✓	Unlimited admin accounts	No limits on the number of admin (5 only on Base Pack).		8	●	MSP	Organization-wide > Configure > Administrators	
●		✓		✓	Cloud Authentication Users with unlimited entries	Allow unlimited authorized entries for the NCC cloud user database (50 only on Base Pack).		100	●	VAR&IT	Organization-wide > Configure > Cloud authentication	
●			✓		Cloud authentication Users with VLAN attribute	Support dynamic VLAN assignment on WPA2/3 enterprise authentication with Nebula cloud auth.			●	VAR&IT	Organization-wide > Configure > Cloud authentication (Account type: Users)	
	●			✓	Cloud Authentication DPPSK Account Type	Allow to create single or batch personal pre-shared key and send to applicant by email for wireless secure connection.			●	VAR&IT	Organization-wide > Configure > Cloud authentication (Account type: DPPSK)	
●		✓	✓	✓	New site configuration clone	Replicate the configuration of an existing site instead of using the default settings while creating a new site.			●	VAR&IT	Organization-wide > Configure > Create site	
●				✓	Configuration site based settings sync	Allows to easily propagate Site-wide general settings and AP SSID related configurations from one site to other sites under an org.			●	MSP	Organization-wide > Configure>Configuration management	

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	●		✓		Configuration switch settings clone	Clone switch device based settings from one device to others of the same model under an org.			●	MSP	Organization-wide > Configure>Configuration management	
●		✓	✓	✓	Configuration backup/restore	Backup and restore your settings of your sites and switch devices.			●	VAR&IT	Organization-wide > Configure>Configuration management	
●			✓	✓	Configuration template*	Allow many sites to be deployed and keep updated following a single base configuration template.			●	MSP	Organization-wide > Configure > Configuration templates	*Currently Security Appliance & Mobile Router configuration have not yet supported.
	●	✓	✓	✓	Add client-blocklist/whitelist	Define client MAC/IP (MAC for AP&SW, IP for GW) filtering/block list or whitelist/bypass the captive portal of a SSID or VLAN in advance.			●	VAR&IT	Site-wide > Monitor > Clients	
	●	✓		✓	Client Diagnostic	New client tab page that aims to provide friendly journey based logs to help administrators easily pinpoint network failures			●	VAR&IT	Site-wide > Monitor > Clients Access point > Monitor > Clients	
●		✓	✓	✓	Site-wide topology	1. Auto illustrates the network topology including Zyxel non-Nebula devices. 2. Help remote trouble shooting by showing device and link info. & status. 3. Automatic visual topology for Smart mesh. 4. Device supports "Reboot" action. 5. Switch PoE link supports "power cycle" action		●	●	VAR&IT	Site-wide > Monitor > Topology	
	●	✓	✓	✓	Summary report email & schedule	Send out site or device statistics, with logo options, by email now or by schedule.		●	●	MSP	Site-wide / Access point / Switch / Security gateway > Monitor > Summary report	
●		✓	✓	✓	Custom range up to 365 days on summary report	View up to 365 days statistics including site-wide, AP, SW, GW summary report (24 HR only on Base Pack).		7D	●	VAR&IT	Site-wide / Access point / Switch / Security gateway > Monitor > Summary report	
●		✓	✓	✓	365 days statistics on device monitoring	View device usage chart up to 365 days (24 HR only on Base Pack).		7D	●	VAR&IT	Access point / Switch / Security gateway > Monitor > AP / SW / SG > [Select AP / SW]	
●		✓	✓	✓	365 days statistics on client monitoring	View client traffic chart up to 365 days (24 HR only on Base Pack).		7D	●	VAR&IT	Access point / Switch / Security gateway > Monitor > Clients > [Select client]	

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	●	✓	✓	✓	365 days statistics on device event log access	View event log chart up to 365 days (24HR only on Base Pack).		7D	●	VAR&IT	Access point / Switch / Security gateway > Monitor > Event log	
	●	✓	✓	✓	Export data to CSV/XML file	Download the data currently displayed in the table of eg. Inventory, Cloud authentication ... etc. in either a CSV or XML file format.			●	VAR&IT	All monitoring pages with table data	
	●	✓	✓	✓	Open API	Open API for Ecosystem Partner Application Integration			●	MSP	Monitoring information related (keep updating,, please check with PLM/AE for more details)	
	●	✓	✓	✓	API access	Support to generate an API token (DPPSK third-party integration for now).			●	MSP	Site-wide > Configure > General settings	
●		✓	✓	✓	Smart email alerts	NCC integrates & intelligently scans at configuration changes, network topology, device status and security service events to send smart email alerts when necessary.		●	●	VAR&IT	Site-wide > Configure > Alert settings	
●	●				Firmware upgrade schedules on a per-device basis	On top of scheduling site-wide firmware upgrade, you're also able to assign specific firmware upgrade time on particular (can be filtered and selected by tag, model, current version etc.) device.		●	●	VAR&IT	Site-wide > Configure > Firmware Management	
	●	✓	✓	✓	Org-wide firmware upgrade	User can upgrade device's firmware across multiple sites. The Firmware Upgrades allows organization admins to manage firmware versions on a per-site and per-device type basis.		●	●	VAR&IT	Organization-wide > Configure > Firmware management	
●		✓	✓	✓	Priority support request (direct NCC)	Send us support ticket directly from NCC UI and Nebula mobile APP and get case updates.	●		●	VAR&IT	Help > Support request	
	●	✓	✓	✓	Web chat support (direct NCC)	Web chat with tech support directly from NCC UI.			●	VAR&IT	All website	
	●	✓	✓	✓	Upload photo from Gallery	Upload up to 5 photos to NCC from phone's photo Gallery (1 photo only on Base and Plus Pack).	●		●	VAR&IT	Device (eg.Access point) > Monitor > Device (eg.Access points) > [Select Device eg.AP] Photo	

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	●	✓		✓	Remote CLI access	Provide remote connection access for CLI on APs and Security Appliance live tools			●	VAR&IT	Access point / Security gateway / Firewall > Monitor > AP / SG [Select AP] Live tools	
				✓	Wireless health monitor and report	Provide administrators with a health condition overview of their wireless networks, per AP and per client, and quickly take actions to improve poor performance or user experience.			●	VAR&IT	Access point > Monitor > Wireless health	
				✓	Per AP (room) per SSID	Allow to set up programmable SSID/PSK for each AP			●	VAR&IT	Access point > Configure > SSID overview	
				✓	Dynamic Personal Pre-Shared Key (DPPSK)	Allow the authentication of users with individual unique key to the wireless network. And also allow to use DPPSK as 2-Factor Auth. for IOT devices by email.			●	VAR&IT	Access point > Configure > SSID settings	
●				✓	Voucher	Allow the authentication of users to the wireless network by sign-in with voucher code		●	●	VAR&IT	Access point > Configure > SSID settings Access point > Configure > Captive portal customization > [Portal Theme]	
				✓	Facebook Wi-Fi	Allow the authentication of users to the wireless network by checking-in to the business's Facebook page.	Display when set on NCC		●	MSP	Access point > Configure > SSID settings	
				✓	RADIUS accounting for captive portal	Enable to configure Radius accounting server settings for captive portal with RADIUS authentication.			●	MSP	Access point > Configure > SSID settings	
				✓	RADIUS NAS ID customizable	Allow to set a NAS identifier to be used to identify location/Nebula site while integrating with an external captive portal service with RADIUS authentication.			●	MSP	Access point > Configure > SSID settings	
				✓	Portal redirect URL parameter customization	Allow to customize the parameter sent to third party captive portal integration.			●	MSP	Access point > Configure > Captive portal customization	
				✓	Smart steering per AP	Granularity control of the RSSI threshold settings per AP, for a more accurate deployment.			●	VAR&IT	Access point > Configure > Radio settings > [Edit the Selected AP]	

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				✓	BWM by VLAN interface	Provide traffic shaping (rate-limit) to user/user group by assigning to different VLAN(s)			●	VAR&IT	Access point > Configuration > Traffic shaping	Support model: NWA1123ACv3, WAC500, WAC500H, NWA110AX, NWA210AX, WAX510D, WAX610D, WAX630S, WAX650S
●				✓	AP traffic log	Allow to export the traffic log of the AP to a syslog server in NAT mode			●	VAR&IT	Site-wide > Configure > General settings	
			✓		IPTV report	Provide utilization, network analysis including UPnP packet detection and client statistics of the multicast groups or channels in an IPTV environment, allowing to import channel list in advance.			●	MSP	Switch > Monitor > IPTV report	
			✓		Advanced IGMP	Set IGMP snooping advanced settings such as role, mode, timers, and unknown multi-cast drop per VLAN for an effective bandwidth utilization design in an IPTV environment.			●	MSP	Switch > Configure > Advanced IGMP	
			✓		Switch Surveillance Monitoring with ONVIF	Provide the advanced deployment and maintenance page for the powered devices, ex. IP camera including ONVIF IPCAM discovery.			●	VAR&IT	Switch > Monitor > Surveillance	GS1350 series only for now
			✓		Extended PoE range	Support to deliver data and PoE across Ethernet cables up to 250 meters long			●	VAR&IT	Switch > Configure > Switch ports > [Select Port]	GS1350 series only for now
			✓		Auto PD Recovery	Auto recover malfunctioning PD by taking advantage of their PoE dependency			●	VAR&IT	Switch > Configure > Switch ports > [Select Port]	Supporting GS1350 & GS2220 series
			✓		Port bandwidth control	Limit the ingress and egress bandwidth of the switch ports to a desired value in kbps.			●	VAR&IT	Switch > Configure > Switch ports > [Edit the Selected port]	
			✓		Vendor ID-based VLAN	Allow to allocate network devices from different vendors into different VLANs for easy management and traffic priority.			●	VAR&IT	Switch > Configure > Switch settings	
			✓		IP interface & static route	Support Layer 3 function to create IP interface and IPv4 static route			●	VAR&IT	Switch > Configure > IP & Routing	

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	●	✓			AV/AppPatrol/CF/IDP NSS analysis report*	View Anti-virus/Application Patrol/Content Filtering/ Intrusion Detection and Prevention usage & hits of the network clients at the network level and per client level (24HR only on Base Pack).		7D	365D	MSP	Security gateway > Monitor > NSS analysis report	Requires NSG NSS-SP license to see the report
	●	✓			Traffic log archiving	Collecting and archiving traffic log from Nebula security appliance. Customer can download archived traffic log from SecuReporter.			●	VAR&IT	Firewall > Monitor > SecuReporter	
		✓			VPN topology with traffic usage	Provide visualize virtual private network connections & usage (per tunnel) between different sites of VPN networks (areas)			●	VAR&IT	Organization-wide > Configure > VPN Orchestrator	
		✓			Smart VPN	Smart VPN configuration includes software-defined design to easily build scalable VPN networks (areas) and setup non-Nebula VPN peers among HQ and branches			●	VAR&IT	Organization-wide > Configure > VPN Orchestrator	Free beta until end of 2021
		✓			VPN provision script email	Send L2TP Client provisioning scrip by email for client VPN's quick setting			●	VAR&IT	Security gateway / Firewall > Configure > Remote access VPN (L2TP/IPSec)	
		✓		✓	Collaborative Detection & Response (CDR)* with automatically respond action	Support automatically block/quarantine clients based on the USG Flex UTM Security Pack's CDR with policy.			●	VAR&IT	Site-wide > Configure > Collaborative detection & response	*Requires USG Flex UTM Security Pack license to do CDR management

M= Management Feature (NCC); ; M2= (Sub.) Management Property; F= Firewall Feature; S= Switch Feature; W= Wireless Feature