



OpenSync Feature Matrix

Plume engagement with OpenSync features

Service Suite	Service	Category	Group	Feature	OpenSync 3.2	OpenSync 3.4	OpenSync 4.4	OpenSync 5.2	OpenSync 5.4	OpenSync 5.6
What's new					- LAN Stats - WiFi 6E Support - DPP 1.2 - Community WiFi Phase 2 - Guard 2.0	- Advanced Onboarding - LTE backup - Adapt Improvements - MAC Rand. dedupping - Enhanced Device Typing	- Event filter based logging - OpenSync in-place upgrade - Speedtest (Ookla) extended reports - Improved 11k/v neighbours mgmt - SIP-ALG Configuration/control."	- OneWiFi Manager - BLE Mgr improvements - Application prio + QoS - OOB Detection for 6GHz	- WiFi 7 Phase 1	- Linux SDN - Hitless Topology change - Preamble Puncturing (Wi-Fi 7) - MAP-E and MAP-T Support
HomePass	Adapt	Platform Features	Reporting	Latency and jitter QoS metrics per IP flow	✗	✓	✓	✓	✓	✓
		Adaptive WiFi features	DFS	Dynamic Frequency Selection - DFS	✓	✓	✓	✓	✓	✓
				Zero-wait DFS	✗	✗	✓	✓	✓	✓
			QoS metrics	WiFi statistics	✓	✓	✓	✓	✓	✓
			Steering	Band steering	✓	✓	✓	✓	✓	✓
				Client steering	✓	✓	✓	✓	✓	✓
			Energy Aware	Dynamic Hitless Topology Change	✗	✗	✗	✗	✗	✓
			WiFi < 6 connectivity	Multi-PSK access control	✓	✓	✓	✓	✓	✓
			WiFi 6	160 MHz channel support	✓	✓	✓	✓	✓	✓
				WPA3	✓	✓	✓	✓	✓	✓
			WiFi 6E	WiFi 6E	✓	✓	✓	✓	✓	✓
			WiFi 7	320 MHz channel support	✗	✗	✗	✗	✓	✓
				4K QAM	✗	✗	✗	✗	✓	✓
				Preamble Puncturing	✗	✗	✗	✗	✗	✓
			Full Stack Optimization	Application-based traffic prioritization over WiFi	✗	✗	✗	✓	✓	✓
				Application-based QoS	✗	✗	✗	✓	✓	✓
		Network features	IPv4	Multicast-to-unicast support for Wi-Fi STB	✓	✓	✓	✓	✓	✓
				IGMP snooping	✓	✓	✓	✓	✓	✓
				IGMP proxy	✓	✓	✓	✓	✓	✓
				DHCP reservation, UPnP IGD, DNS server, subnet DHCP, port forwarding, DHCP fingerprinting	✓	✓	✓	✓	✓	✓
				WAN Management (DHCP, PPPoE, Static IP, VLAN)	✓	✓	✓	✓	✓	✓
			IPv6	MLD snooping	✓	✓	✓	✓	✓	✓
				MLD proxy	✓	✓	✓	✓	✓	✓
				MAP-E and MAP-T	✗	✗	✗	✗	✗	✓
			Common	VLAN 802.1Q support (supporting separate unique IPTV SSID and PSK)	✓	✓	✓	✓	✓	✓
				Linux SDN - Router and Bridge mode	✗	✗	✗	✗	✗	✓
				NAT Hairpinning	✗	✗	✗	✗	✗	✓
			Performance	Speed test (iPerf3 and Ookla)	✓	✓	✓	✓	✓	✓
				SamKnows service	✓	✓	✓	✓	✓	✓
			Physical management	LTE backup and dual WAN support	✗	✓	✓	✓	✓	✓
				Public Bluetooth manager (PBLEM)	✗	✗	✗	✓	✓	✓
		Advanced Onboarding		Support for PPPoE, Fixed IP and VLAN	✓	✓	✓	✓	✓	✓
	Control	DPI features	DPI	Advanced device typing & MAC stitching	✗	✓	✓	✓	✓	✓
				Device freeze	✓	✓	✓	✓	✓	✓
	Guard	DPI features	DPI	Adblocking and DNS Protection	✓	✓	✓	✓	✓	✓
				IP threat detection	✓	✓	✓	✓	✓	✓
				Advanced IoT protection (anomaly detection and quarantine)	✓	✓	✓	✓	✓	✓
				Control blocking	✓	✓	✓	✓	✓	✓
				URL or SNI/hostname-based content filtering	✓	✓	✓	✓	✓	✓
				Outside Home Protection	✓	✓	✓	✓	✓	✓
	Sense	Plume Motion	Motion	Motion detection	✓	✓	✓	✓	✓	✓
WorkPass	Link	Networking features	Management	Bandwidth throttling	✓	✓	✓	✓	✓	✓
	Concierge			Captive portal	✓	✓	✓	✓	✓	✓
				Different Captive Portals for different SSIDs (a.k.a consent-driven employee onboarding)	✗	✗	✗	✗	✗	✓
Uprise	HUB (HP & WP)			Same as HomePass & WorkPass	✓	✓	✓	✓	✓	✓