Hypercore | SD-WAN SOLUTIONS OFFERING

	CATO NETWORKS	paloalto NETWORKS	velocloud™
Year Launched	2016	2013	2012
Differentiators	Global core network, cloud nex-gen firewall built in; solution supports remote users	Layer 7 measurements track application performance regardless of where it is hosted	Gateways allow a customer to optimize their traffic to cloud and SaaS applications; smaller devices have Wi-Fi access point (WAP)
SD-WAN Architecture	40+global POPs for site-to-site and option-ally cloud traffic	Edge-based	100+ global, public gateways for Internet and cloud traffic.*
Form Factor	Physical; Virtual (VMware); Cloud (AWS)	Physical; Virtual (VMware, KVM); Cloud (AWS)	Physical; Virtual (VMware, KVM, Xen); Cloud (AWS, Azure)*
Controller Location	Cloud; distributed across all POPs	Cloud	Cloud
Site Disconnection from Controller	Edge connects to backup POP, or else other edge if entire backbone is down	No policy updates or new sites; after 72H no VPNs	No policy updates or new sites
Firewall	Advanced	Basic; advanced via partners	Basic; advanced via partners
Traffic Handling	Packet-based	Session-based	Packet-based
Cloud App Path Selection	Cloud apps can ride Cato backbone from end to end and egress at optimal POP	Measures app performance to select best path	VeloCloud has 100+ shared gateways for path optimization. Providers can build out their own gateways as well.
Max Capacity	1G	5G	5G (sum of up and down)
#WAN Interfaces	4	4-6	up to 10
Market Leading Technology	App	Device on Site	Device on Site

Hypercore management includes:

- Design, configuration and implementation with our Engineering team
- Testing and over the phone installation (can do onsite installation for an additional fee)
- Hardware replacement & configuration updates (moves, adds, changes)
- Software maintenance and updates as needed
- One point of contact from start to finish
- Ongoing 24x7x365 support via phone and email

*May vary by provider