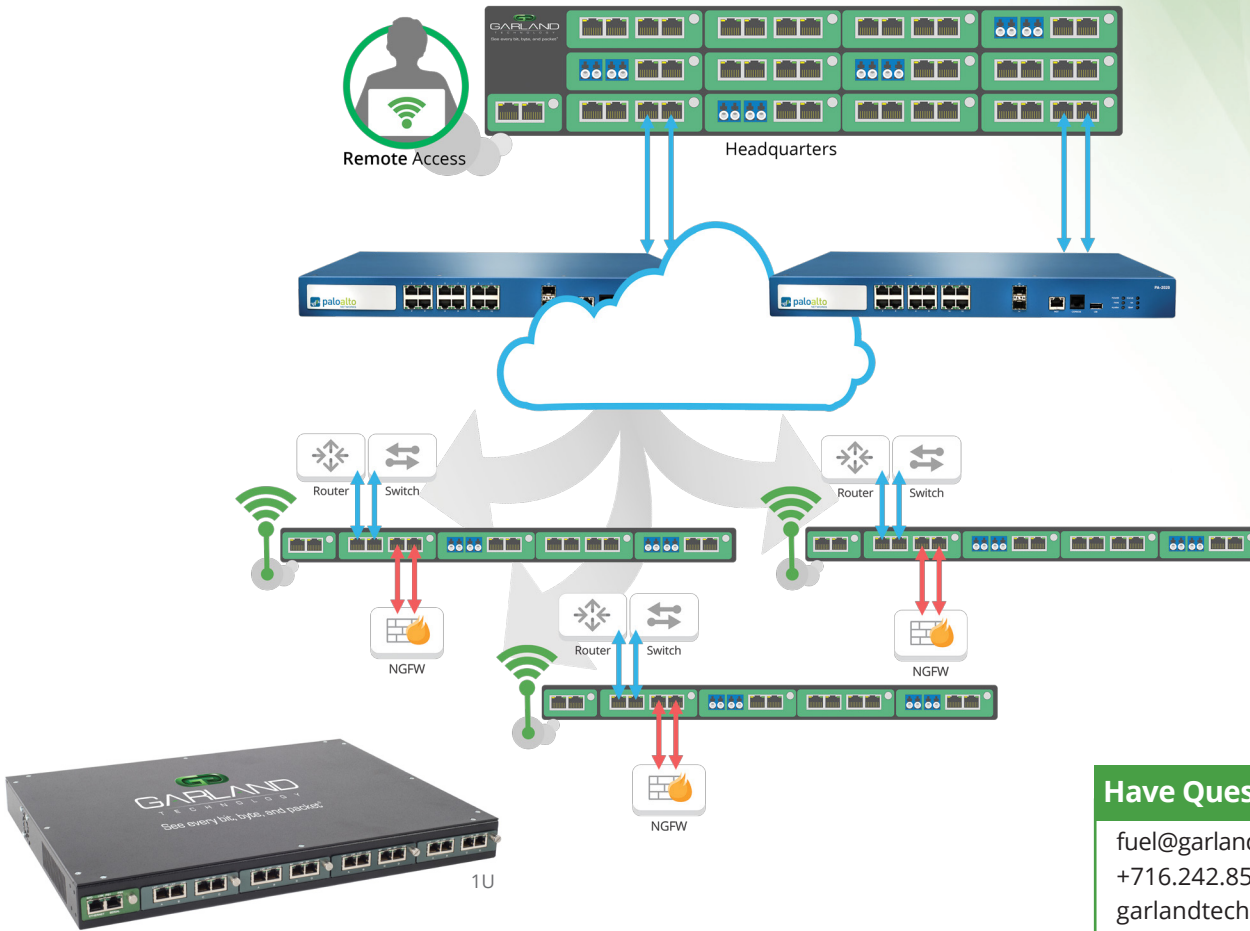# 1U or 2U Chassis Solution

1G Solution for PA-3020, PA-3050, PA-3060 and PA-5020

Have Questions?

fuel@garlandtechnology.com
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Chassis options

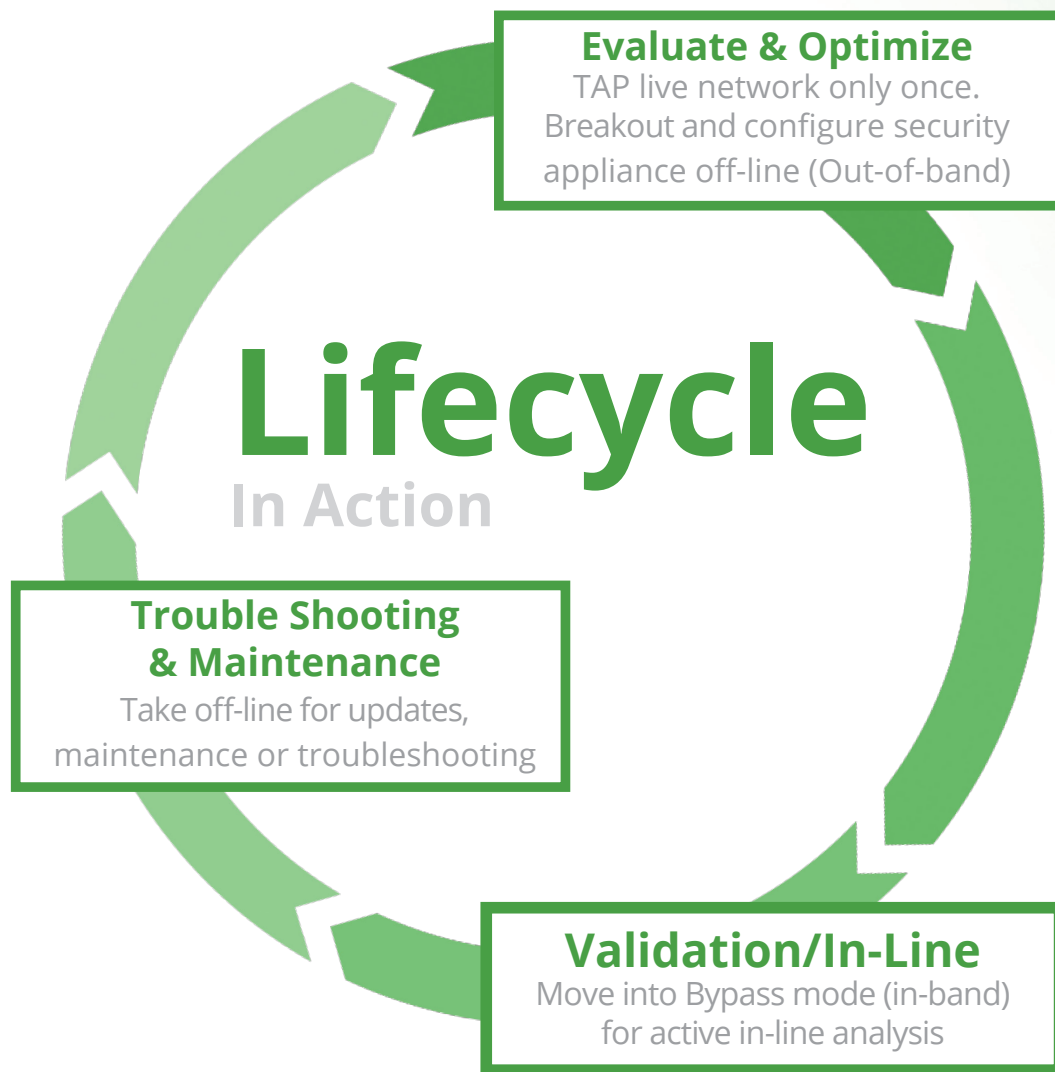| Model #	Chassis/TAPs*	Power Supplies	Voltage	Current (nominal)	Consumption (nominal)	Dimensions (WxHxD)
M1G1ACE	1U; up to 4 TAPs	Dual Internal AC	88-264VAC	.595 Amps @ 125VAC	50 Watts	17.40" x 1.75" x 13.45" (441.96mm x 44.45mm x 341.63mm)
M1G1DCE	1U; up to 4 TAPs	Dual Internal DC	36-72VDC	2.7 Amps @ 48VDC	50 Watts	
M1G2ACE	2U; up to 12 TAPs	Dual Internal AC	90-264VAC	1.2 Amps @ 125VAC	144 Watts	17.40" x 3.47" x 13.45" (441.96mm x 88.14mm x 341.63mm)
M1G2DCE	2U; up to 12 TAPs	Dual Internal DC	36-72VDC	1.2 Amps @ 48VDC	144 Watts	
M1GC*	Management card: Ethernet/GUI - and - Serial/CLI for M1GxxxE					

*Blanking plates are used if management card is not required or if not all TAP modules are populated. Management card and additional GT TAP modules can be added to chassis.

Bypass TAP options

Model #	Network Speed	Media		Modes					Packet Injection Support	Packet Slicing
		Network	Monitor	Breakout	Aggregation	Regeneration/ SPAN	Filtering	Bypass	(in Aggregation mode)	
M1GCCBP	100/1000M	2 Copper-RJ45	2 Copper-RJ45	X	X	X	N/A	X	Yes	Yes
M1GCSBP	100/1000M	2 Copper-RJ45	2 SFP	X	X	X	N/A	X	Yes	Yes
M1GMCBP	1G	2 SX Multi-mode, passive LC-Fiber	2 Copper-RJ45	X	X	X	N/A	X	Yes	Yes
M1GMSBP	1G	2 SX Multi-mode, passive LC-Fiber	2 SFP	X	X	X	N/A	X	Yes	Yes
M1GSCBP	1G	2 LX Single-mode, passive LC-Fiber	2 Copper-RJ45	X	X	X	N/A	X	Yes	Yes
M1GSSBP	1G	2 LX Single-mode, passive LC-Fiber	2 SFP	X	X	X	N/A	X	Yes	Yes

A Best Practice Guide

For deploying and managing your in-line appliances.

Lifecycle
In Action

Evaluate & Optimize
TAP live network only once. Breakout and configure security appliance off-line (Out-of-band)

Trouble Shooting & Maintenance
Take off-line for updates, maintenance or troubleshooting

Validation/In-Line
Move into Bypass mode (in-band) for active in-line analysis

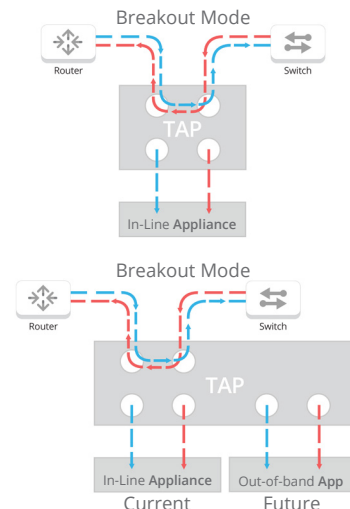Why does Palo Alto partner with Garland Technology as their bypass network TAP vendor?

To ensure 100% uptime and visibility for active in-band security appliances.

Network Bypass TAPs have a variety of features, including the ability to go from breakout, aggregating, regenerating and bypass modes meeting your needs today and tomorrow.
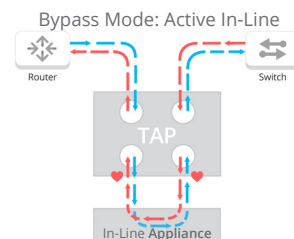
Advantages

- Network uptime
- Expedited problem resolution
- Anytime access to in-line appliance
- Peace of mind

Evaluate & Optimize

Breakout Mode

Breakout Mode

Current | Future

Validation/In-Line

Bypass Mode: Active In-Line

Trouble Shooting & Maintenance

Bypass Mode: Active In-Line

Bypass Mode: Off-Line