GARLAND
TECHNOLOGY
See every bit, byte, and packet®

A Best Practice Guide

For deploying and managing your in-line appliances.

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

Lifecycle
In Action

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
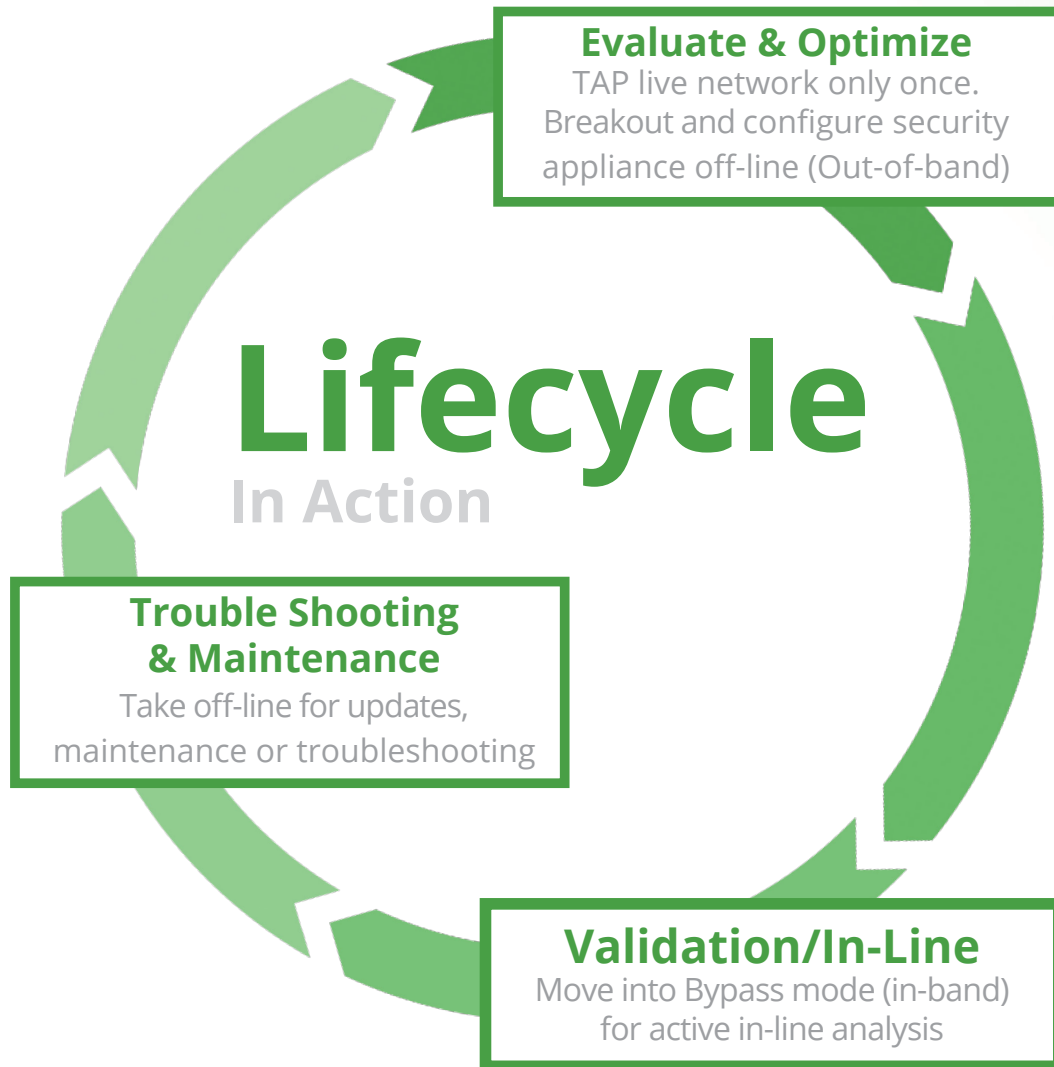
What do Palo Alto Networks, Cisco, and Intel Security all have in common?
They partner with Garland Technology as their bypass network TAP vendor of
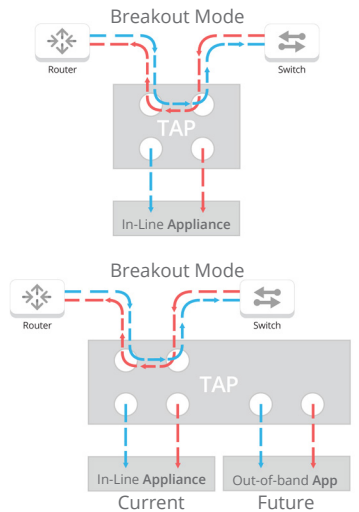choice.

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
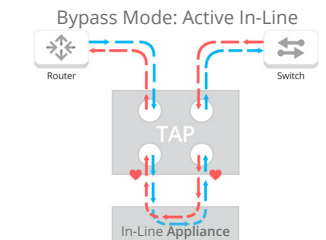needs today and tomorrow.

Advantages

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

Evaluate & Optimize

Breakout Mode
Router — Switch
TAP
In-Line **Appliance**

Breakout Mode
Router — Switch
TAP
In-Line **Appliance** — Out-of-band **App**
Current — Future

Validation/In-Line

Bypass Mode: Active In-Line
Router — Switch
TAP
In-Line **Appliance**

Trouble Shooting
& Maintenance

Bypass Mode: Active In-Line
Router — Switch
TAP
In-Line **Appliance**

Bypass Mode: Off-Line
Router — Switch
TAP
Out-of-band **App**