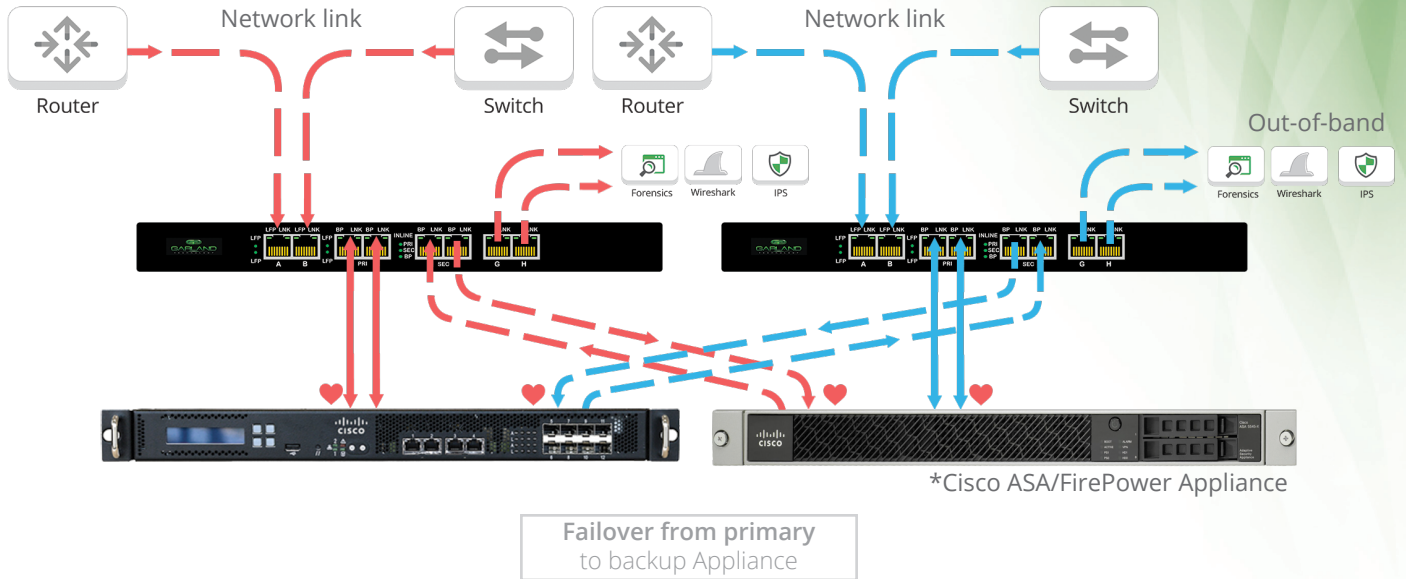
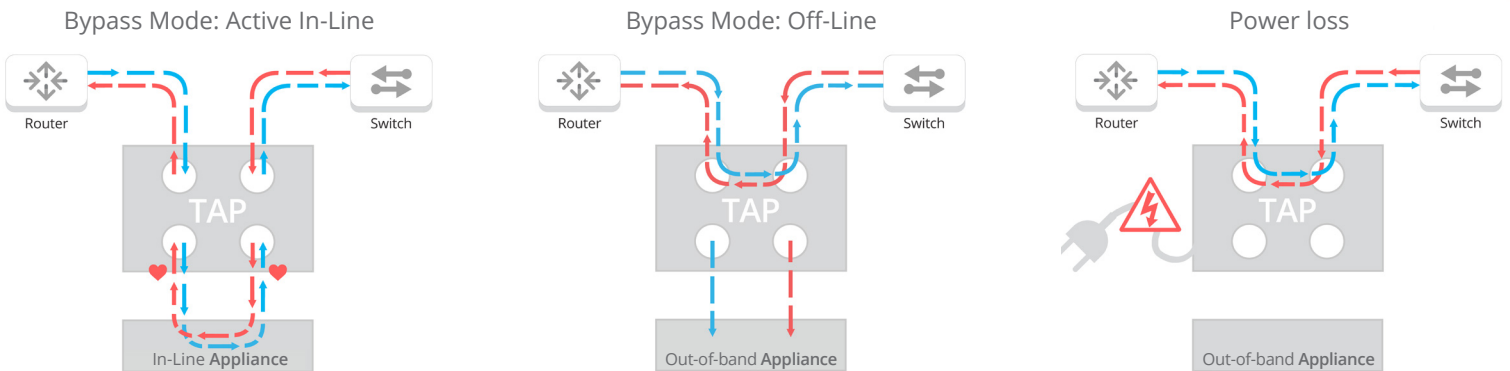


1G High Availability Crossfire Design

Full Redundancy with Failover to Backup Appliance



Bypass TAP Traffic Flow



Applications

- > A 1G high availability component failover matrix solution
- > Take your Cisco appliance offline without interrupting data traffic for:
 - Updates
 - Maintenance
 - Troubleshooting
- > Full redundancy for multiple units - failover to second appliance should the primary fail
- > TAP is fully configurable and supports multiple modes:
 - Breakout mode
 - Bypass mode
 - Aggregation mode
 - Regenration mode

NOTE: This solution is also available in 10Gigabit with the Garland Technology EdgeLens®

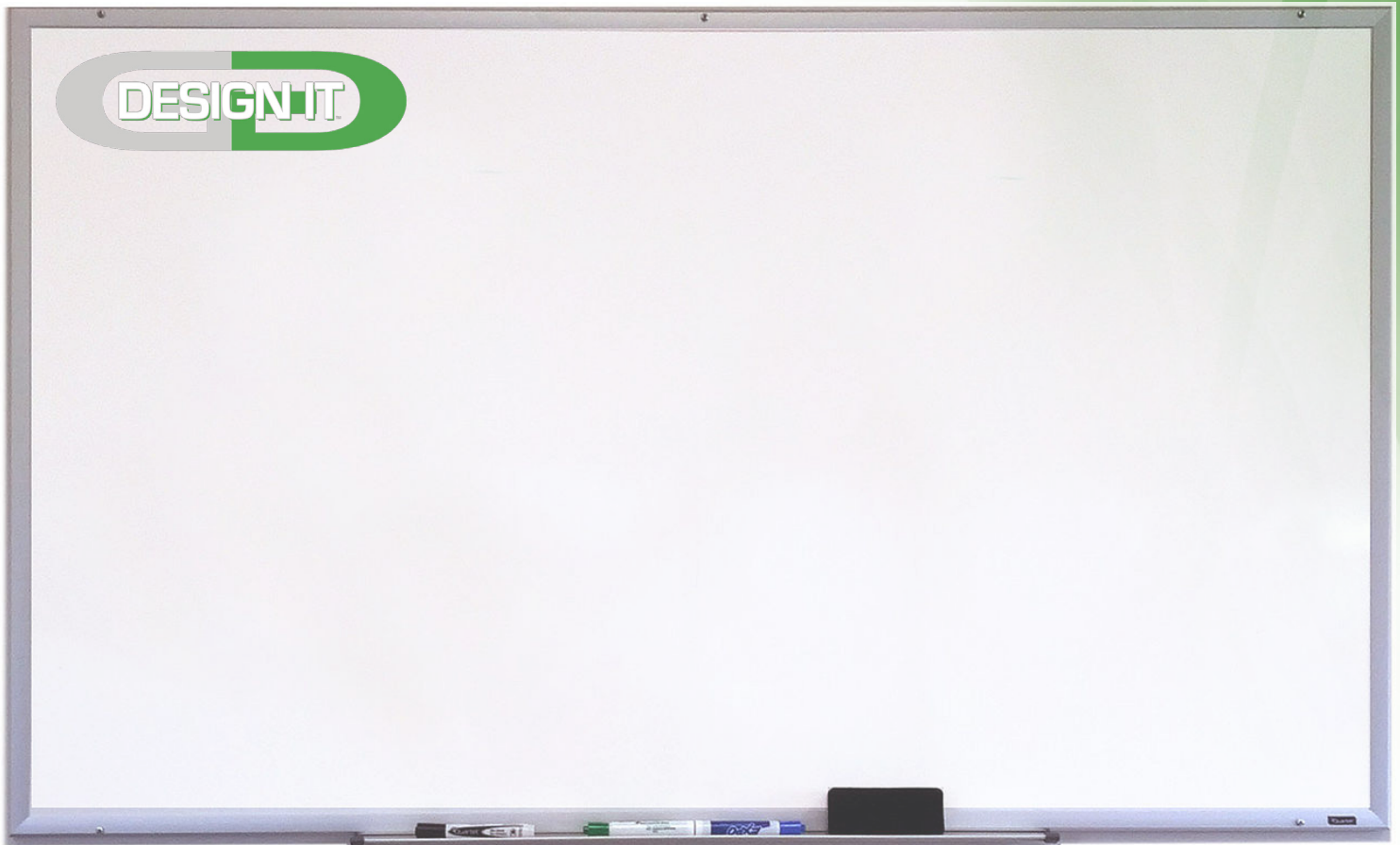
Heartbeat Packets

Heartbeat packets are sent out of each monitoring port. If the heartbeat packets are not received from either direction, then Bypass Mode takes effect. Heartbeat packets are never sent on the live network.

Have Questions?

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1G High Availability Crossfire Design



Part Numbers and Ordering Information •

Supports all Cisco
ASA/FirePower
NGFW's and IPS.



Garland Technology Ordering Information:

Part Number	Description
1U Integrated Bypass Systems:	
INT1G8CCBP	1U Integrated Copper to Copper Bypass TAP (2) 100/1000 Copper TAP Ports (A, B) (6) 100/1000 Copper Monitoring Ports (C - H) Monitoring Ports C - F support Breakout, Bypass modes Monitoring Ports G - H support Breakout, Aggregation modes
INT1G8MCBP	1U Integrated Multi-Mode to Copper Bypass TAP (2) 1000Base-SX Multi-Mode TAP Ports (A, B) (6) 100/1000 Copper Monitoring Ports (C - H) Monitoring Ports C - F support Breakout, Bypass modes Monitoring Ports G - H support Breakout, Aggregation modes
INT1G8SCBP	1U Integrated Single-Mode to Copper Bypass TAP (2) 1000Base - SX Single-Mode TAP Ports (A, B) (6) 100/1000 Copper Monitoring Ports (C - H) Monitoring Ports C - F support Breakout, Bypass modes Monitoring Ports G - H support Breakout, Aggregation modes



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