

Switched Port Analyzer (Local, Remote and Extended Remote SPAN)



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Network Engineer



Switched Port Analyzer (SPAN)

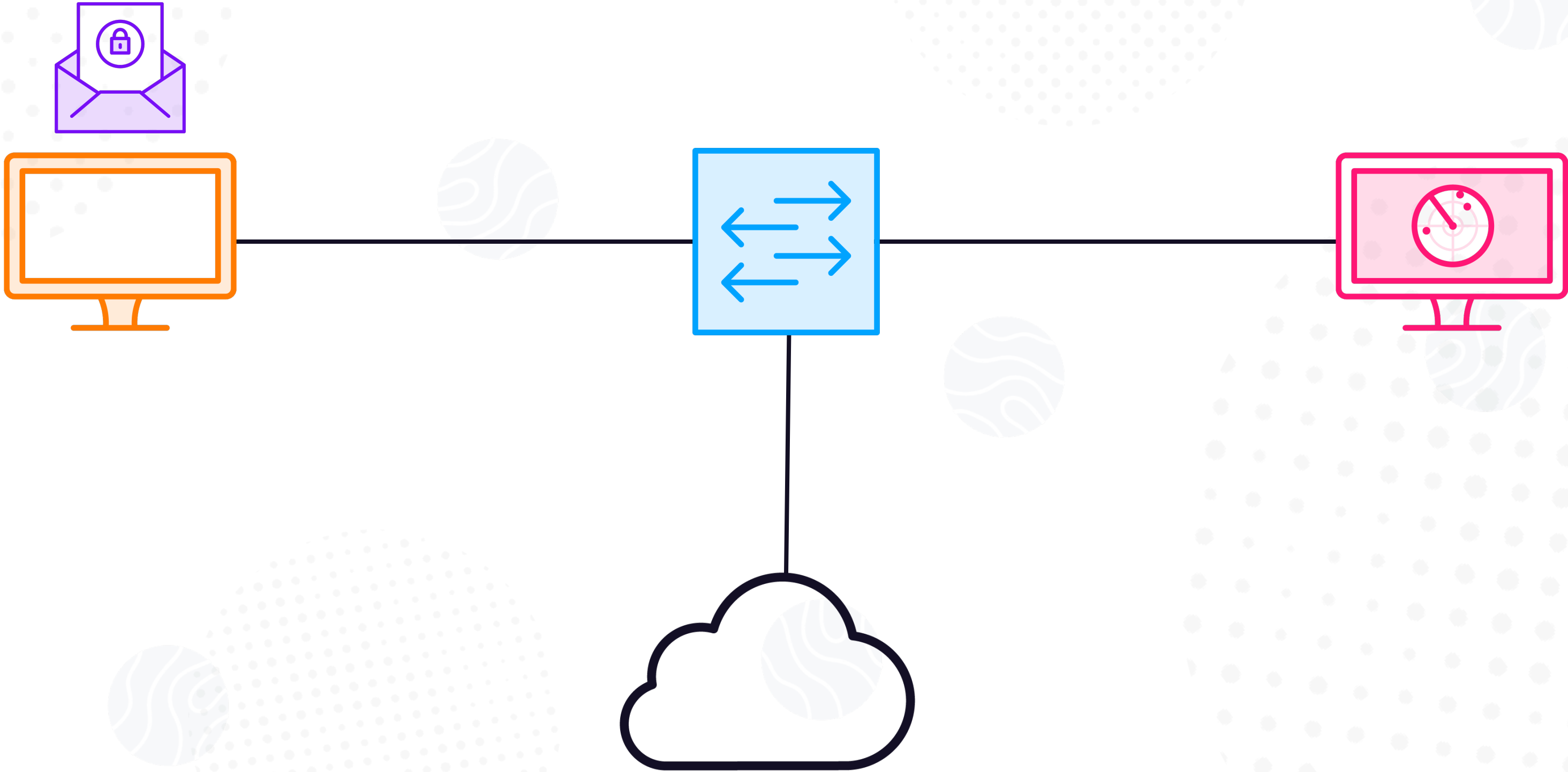
Allows monitoring of local switch port or VLAN traffic by mirroring it from source ports to a destination port.

Helps troubleshoot by enabling administrators to monitor and analyze live network traffic for issues.

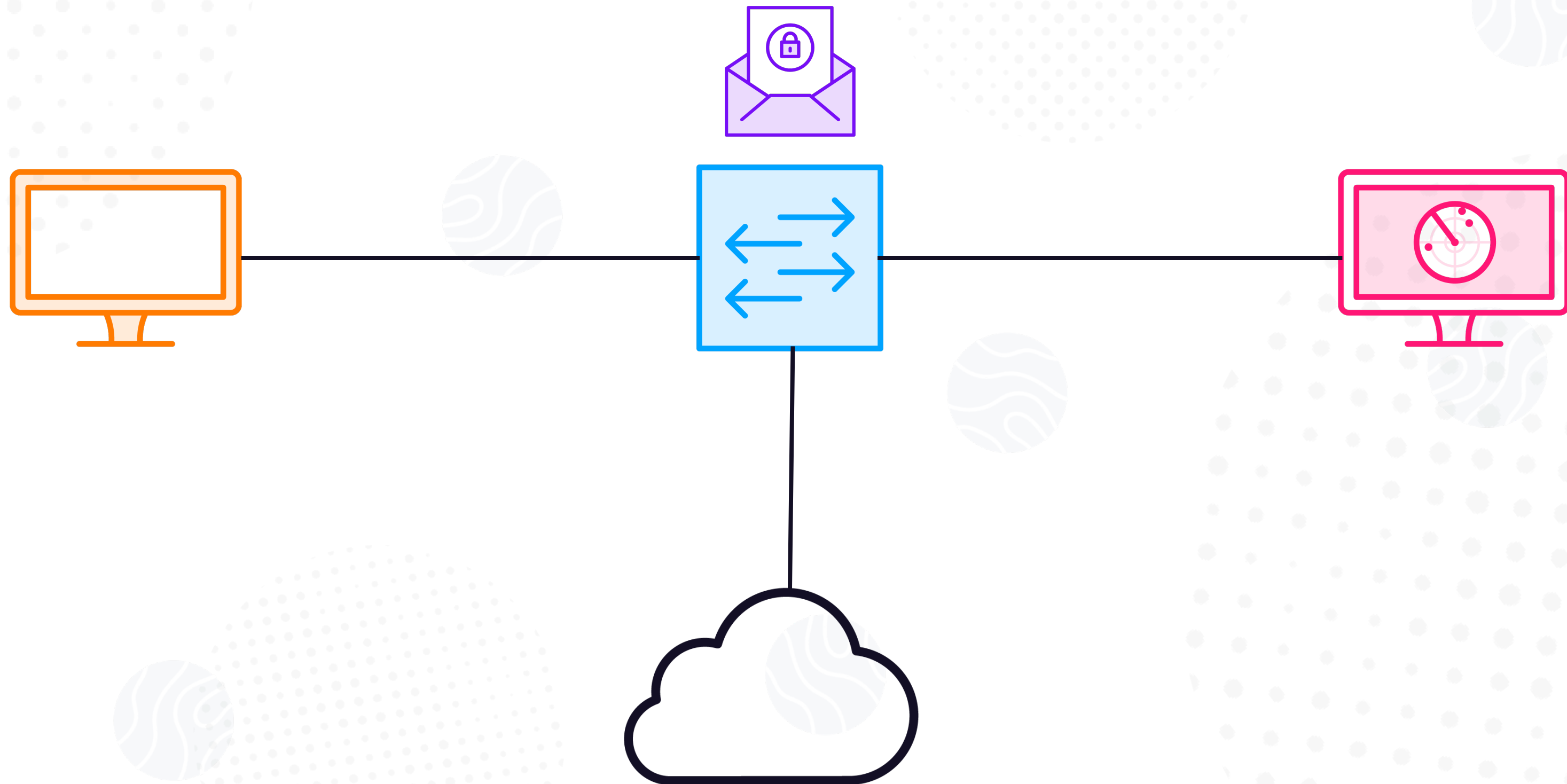
Non-intrusive monitoring without disrupting network operations or performance.



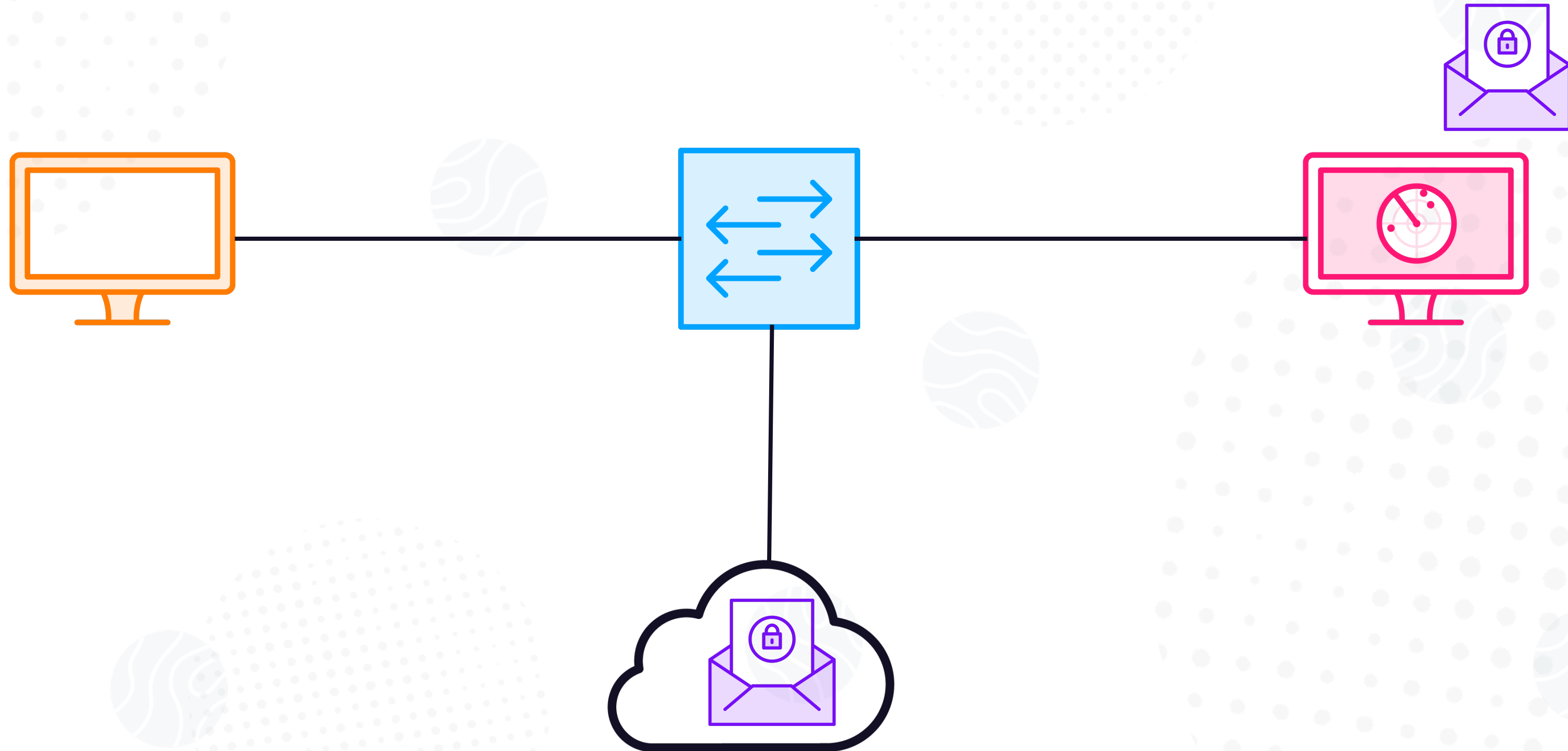
Switched Port Analyzer (SPAN)



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Remote Switched Port Analyzer (RSPAN)

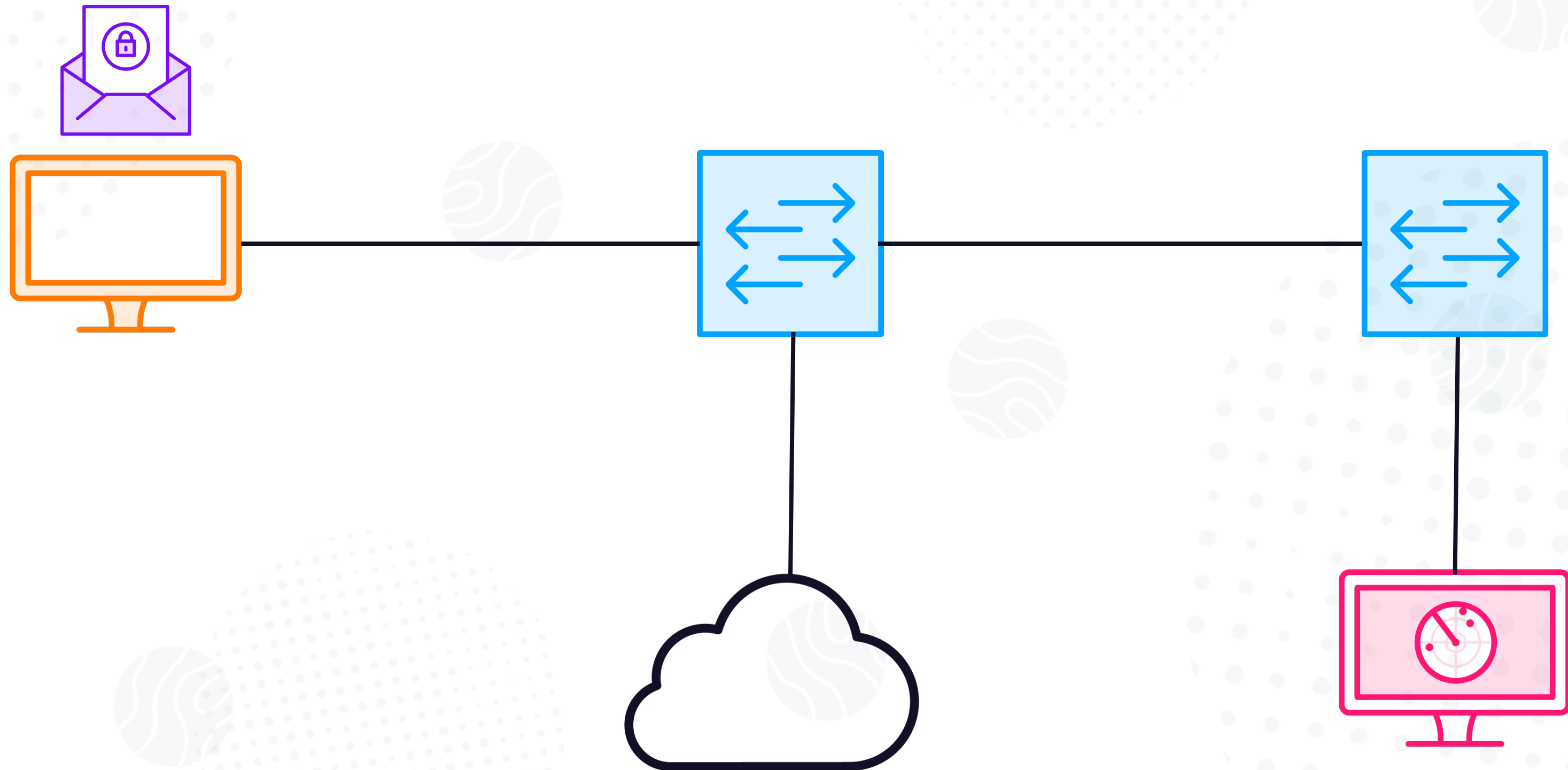
RSPAN mirrors traffic across multiple switches within the same Layer 2 network.

Sends mirrored traffic to a designated monitoring location, eliminating the need for physical presence near the source.

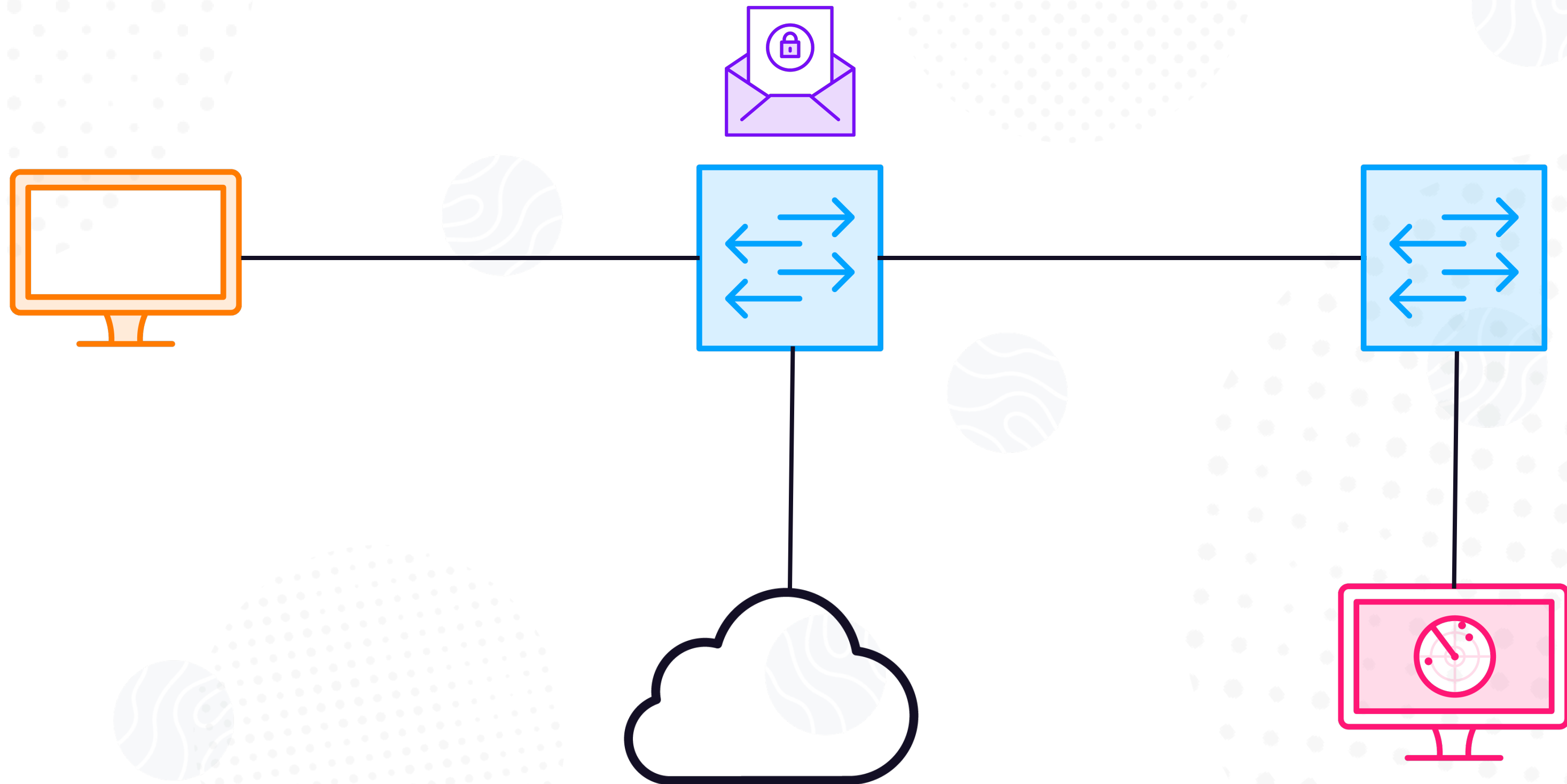
RSPAN monitors traffic across VLANs and switches, making it useful for diagnosing issues on large, dispersed networks.



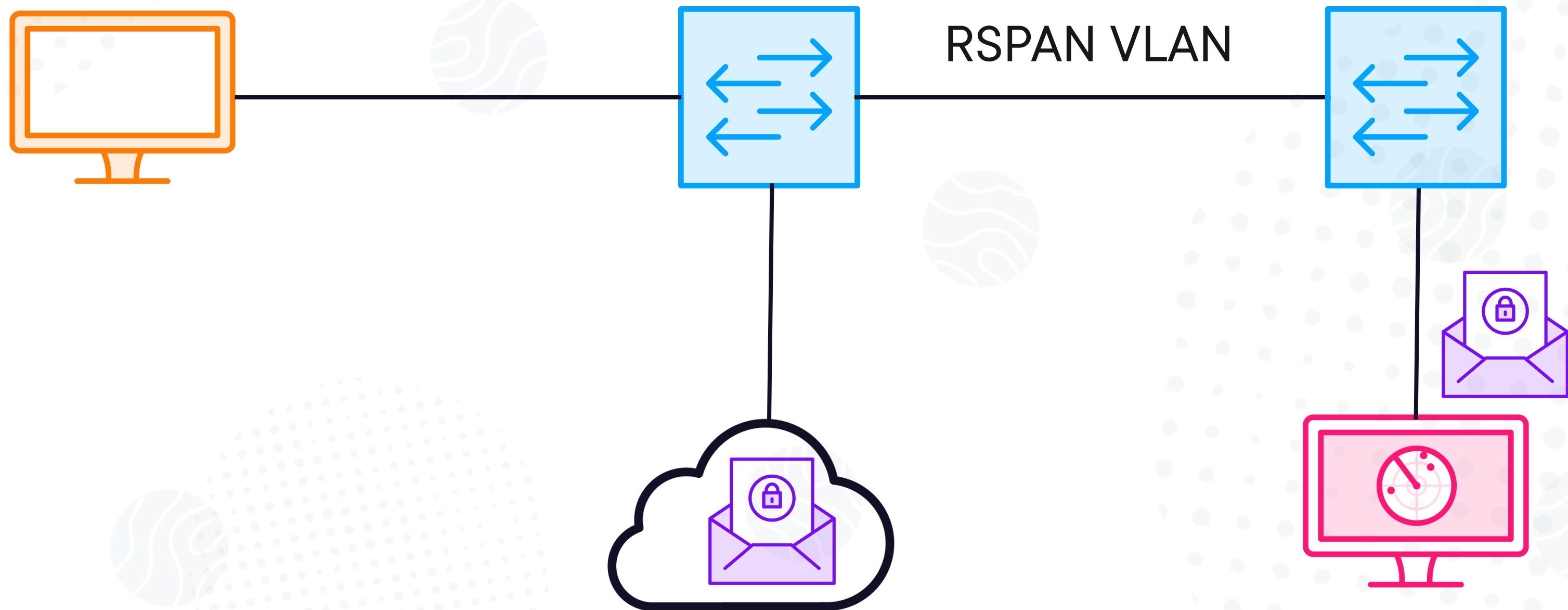
Remote Switched Port Analyzer (RSPAN)



Remote Switched Port Analyzer (RSPAN)



Remote Switched Port Analyzer (RSPAN)



Extended Remote Switched Port Analyzer (ERSPAN)

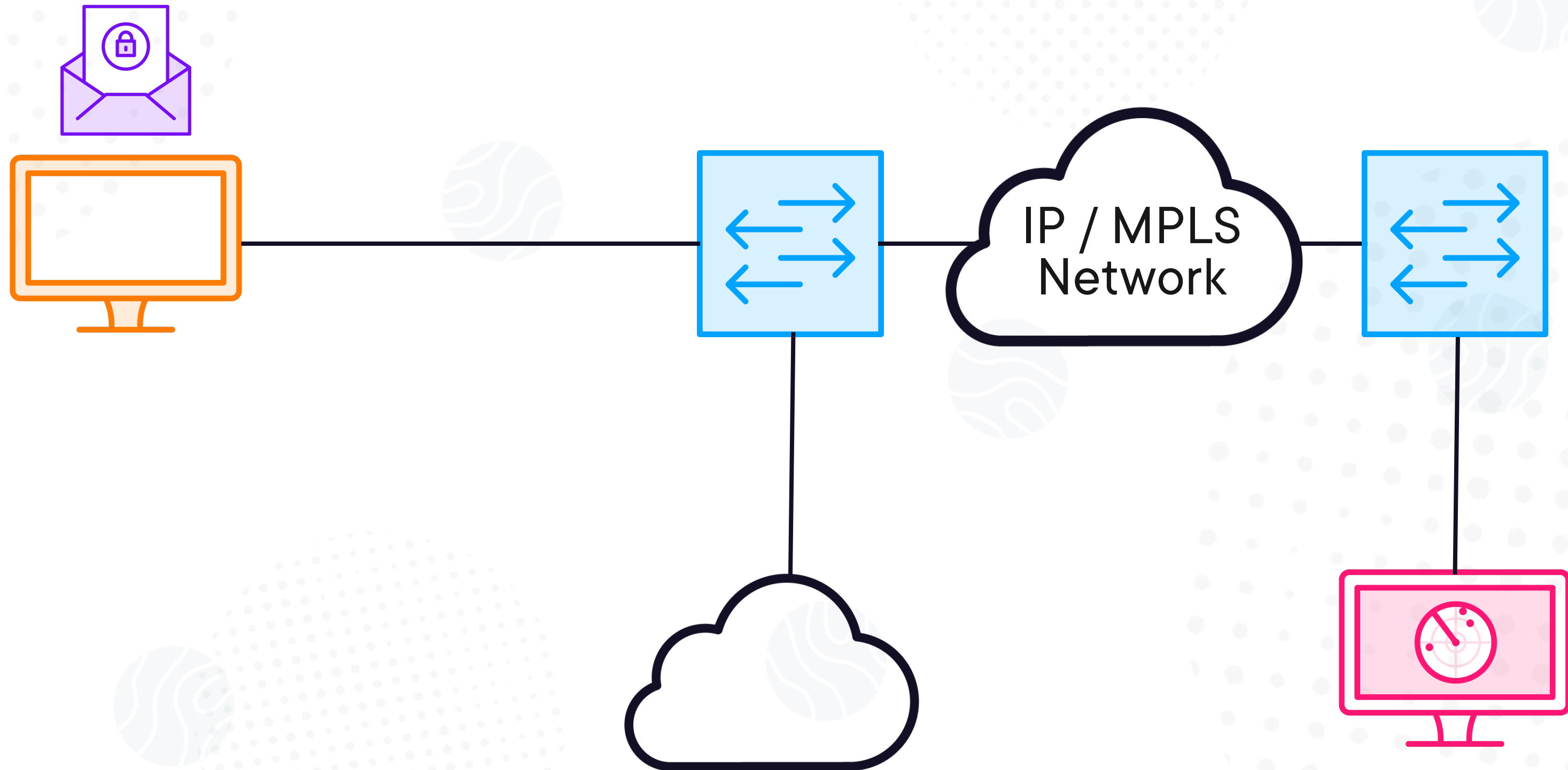
Extends traffic mirroring beyond Layer 2, allowing mirrored traffic to be sent across Layer 3 networks using GRE encapsulation.

Allows monitoring of traffic from distant sites and locations across routed environments.

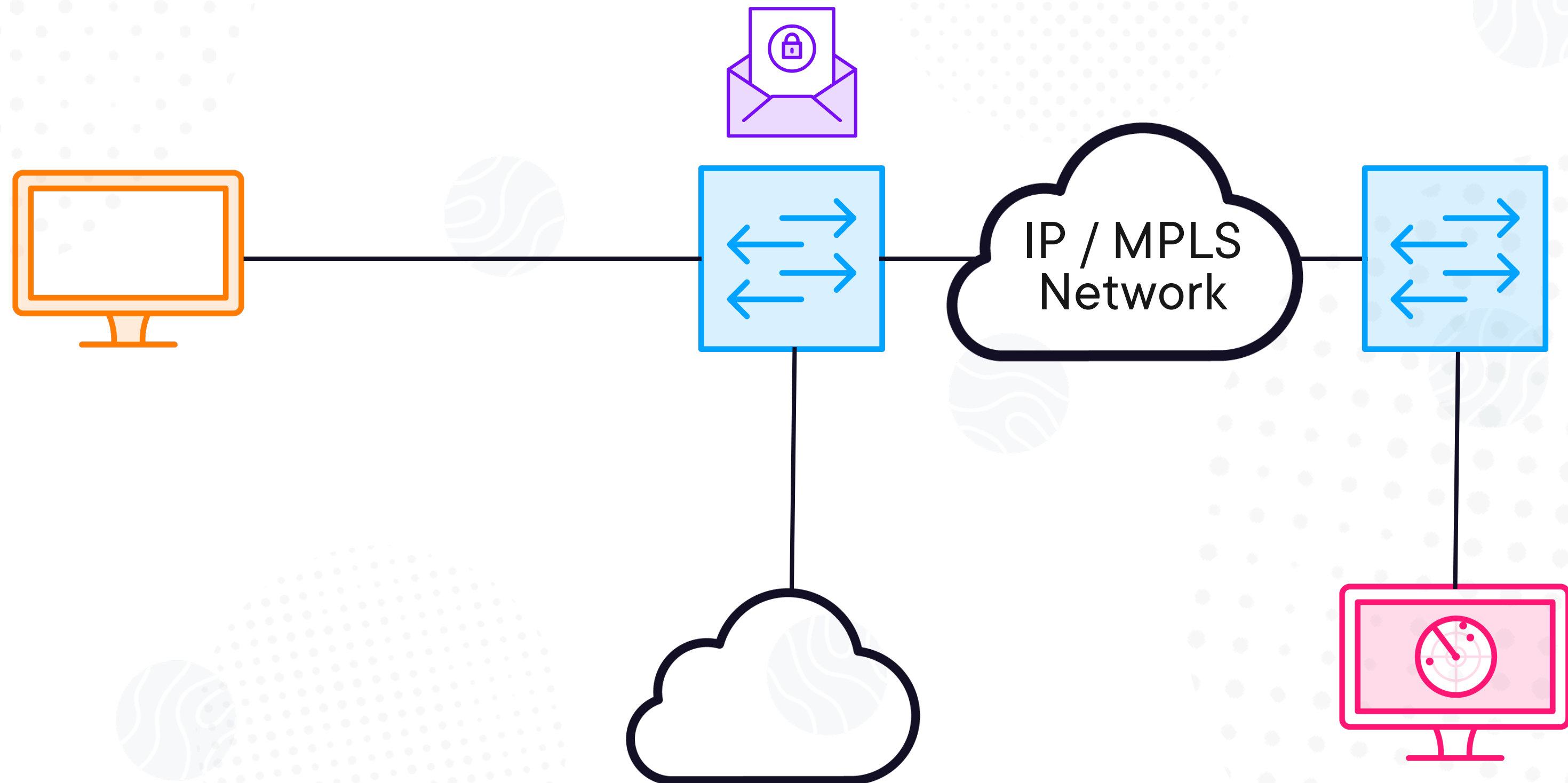
Does not require the monitoring device to be near the traffic source.



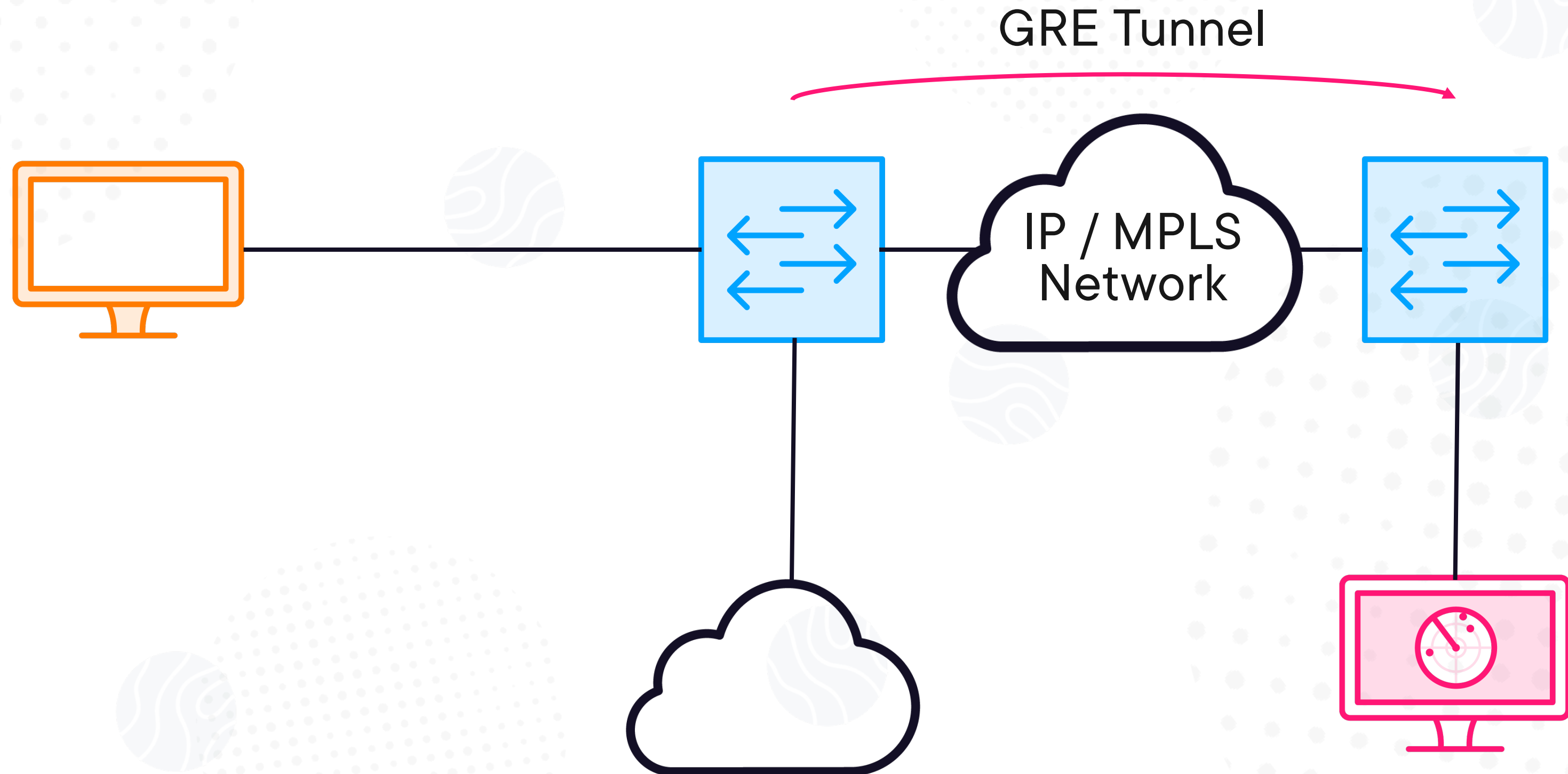
Extended Remote Switched Port Analyzer (ERSPAN)



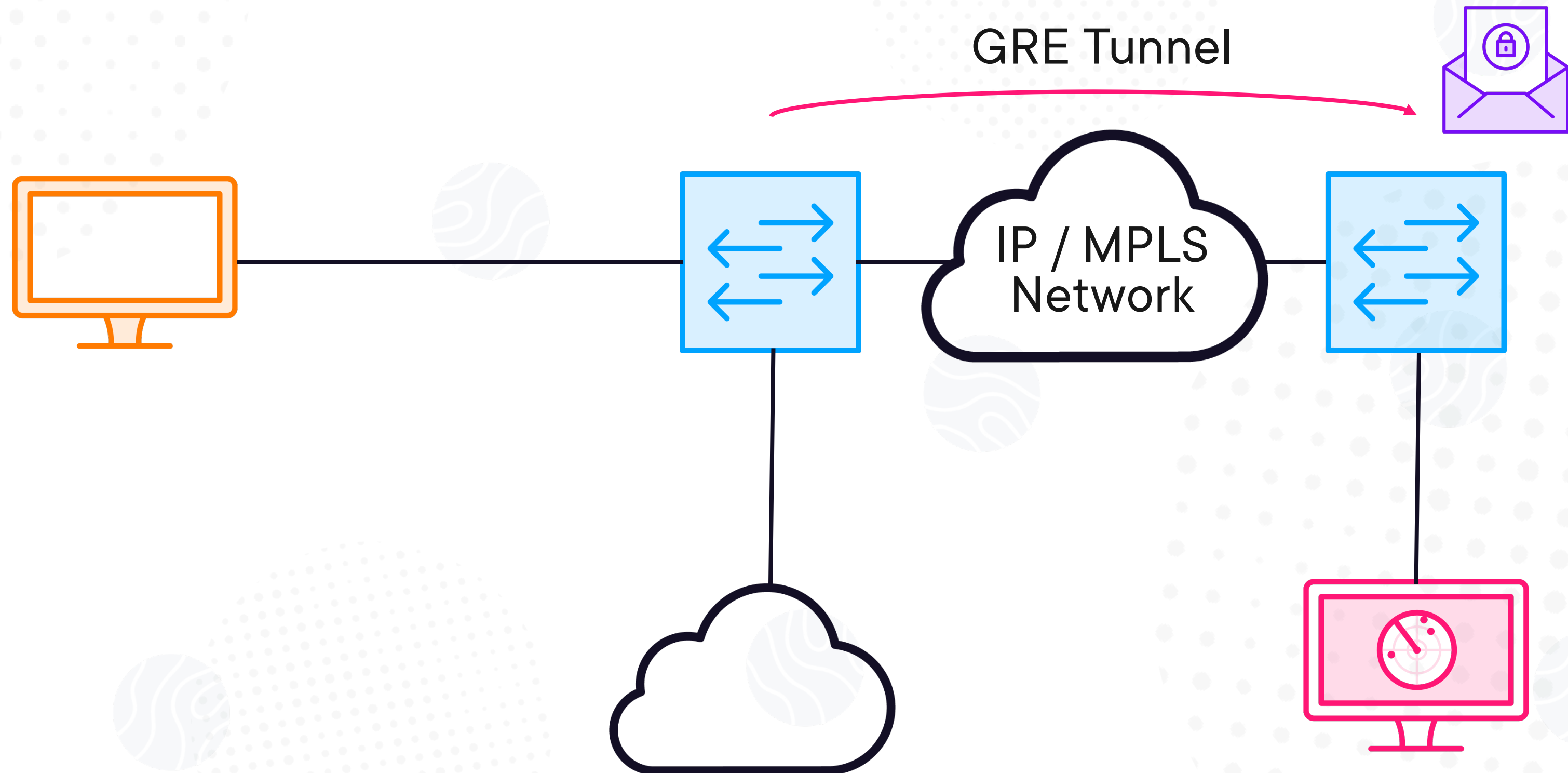
Extended Remote Switched Port Analyzer (ERSPAN)



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