



PCI Compliance Technology Brief

AirLink Intelligent Routers & Gateways Provides Payment Card Industry Compliance for Secure Retail Transactions

AirLink Helix RT



AirLink Raven X



AirLink Raven XE



POWERED BY: **ALEOS™**

FACTS ABOUT PCI COMPLIANCE

- In 2008, the Payment Card Industry (PCI) created the Data Security Standard (DSS) to protect cardholder data from unauthorized or malicious access.
- Routers and gateway devices are not individually certified for PCI Compliance. Only POS terminals are subject to certification.
- The entire payment system (Gateway/Router, Terminal, VPN, etc.) must comply with PCI standards.
- Retailers must perform a self-assessment of PCI compliance, or use a qualified security

ADVANTAGES OF AIRLINK DEVICES FOR SECURE, PCI COMPLIANT PAYMENT SOLUTIONS

- Standards compliant stateful packet inspection protects POS devices from malicious attacks over the internet
- Network Address Translation (NAT) hides local IP addresses
- AirLink devices do not collect or store cardholder data
- ACEware tools enable customers to create 3 levels of secure user access
- Security
 - IPsec compliant VPN provides a secure WAN tunnel for POS data
 - Optional Wi-Fi on Helix RT can be secured by WPA2 Enterprise
 - Cellular networks (HSPA and CDMA) are inherently secure
 - Traffic can be routed through private WAN network (MPLS, Frame Relay, VPN)
- Administrators can view device logs to track activity
- ACEware tools enable customers to create 3 levels of secure access



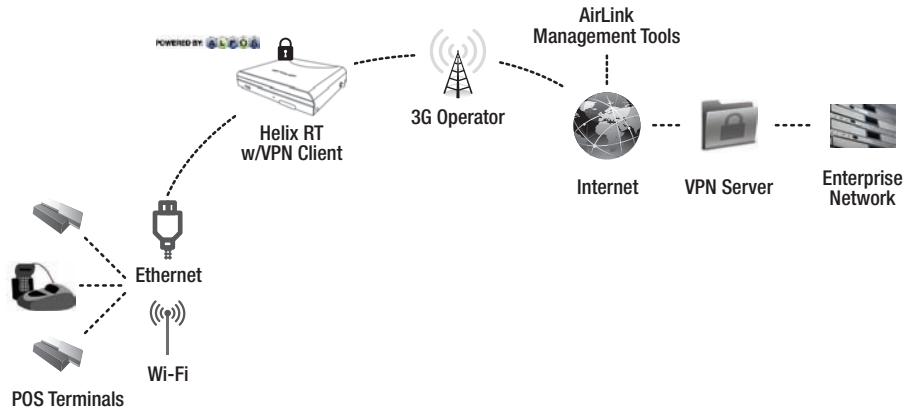


Installing AirLink Devices for a PCI Compliant Payment Solution

SOLUTION OVERVIEW

POS TERMINAL WITH CELLULAR CONNECTION

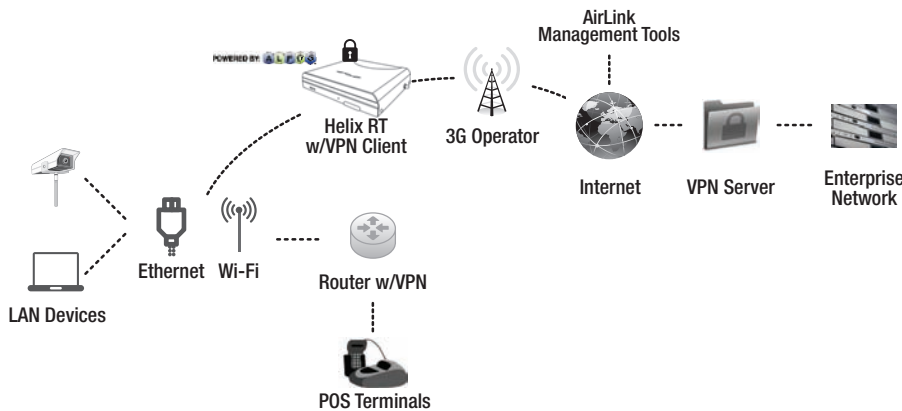
- PCI compliant POS terminal connected to Helix RT or Raven XE
- AirLink device provides security via IPsec compliant VPN
- IT manages solution with ACEnet hosted remote management



SOLUTION OVERVIEW

POS TERMINALS AND OTHER EQUIPMENT SHARING CELLULAR CONNECTION

- PCI compliant POS terminal connected to router
- Router and peripherals (laptops, etc.) connected to Helix RT with IPsec compliant VPN
- IT manages solution with ACEnet hosted remote management



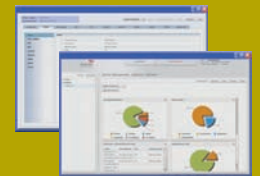
RUGGED INTELLIGENCE

ALEOS™ embedded intelligence powers AirLink devices and supports 24/7 always-on persistent connectivity, secure real-time, two-way data exchange.



REMOTE MANAGEMENT

The AirLink suite of management tools enables remote configuration, administration, and control deployments of any size.



Together, ALEOS and AirLink tools enable customers to extend their enterprise by managing deployments from anywhere with Internet connection.