



## Port Authority

### 199-AES

## Integrated Secure Modem + Terminal Server FIPS 140-2 Certified Out of Band Management

- Internal Modem
- **LTE Cellular Module**
- TCP/IP Network Interface
- AES 256 CFB Encryption
- Centrally Managed
- Nine Serial Ports
- Nine Power Control Ports

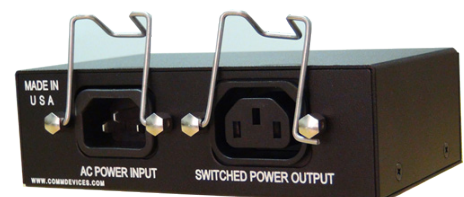


The Port Authority 199-AES provides Secure out of Band Management access to Routers, Firewalls, VOIP switches, and other network elements when conditions on the network deteriorate.

The device can act in several modes:

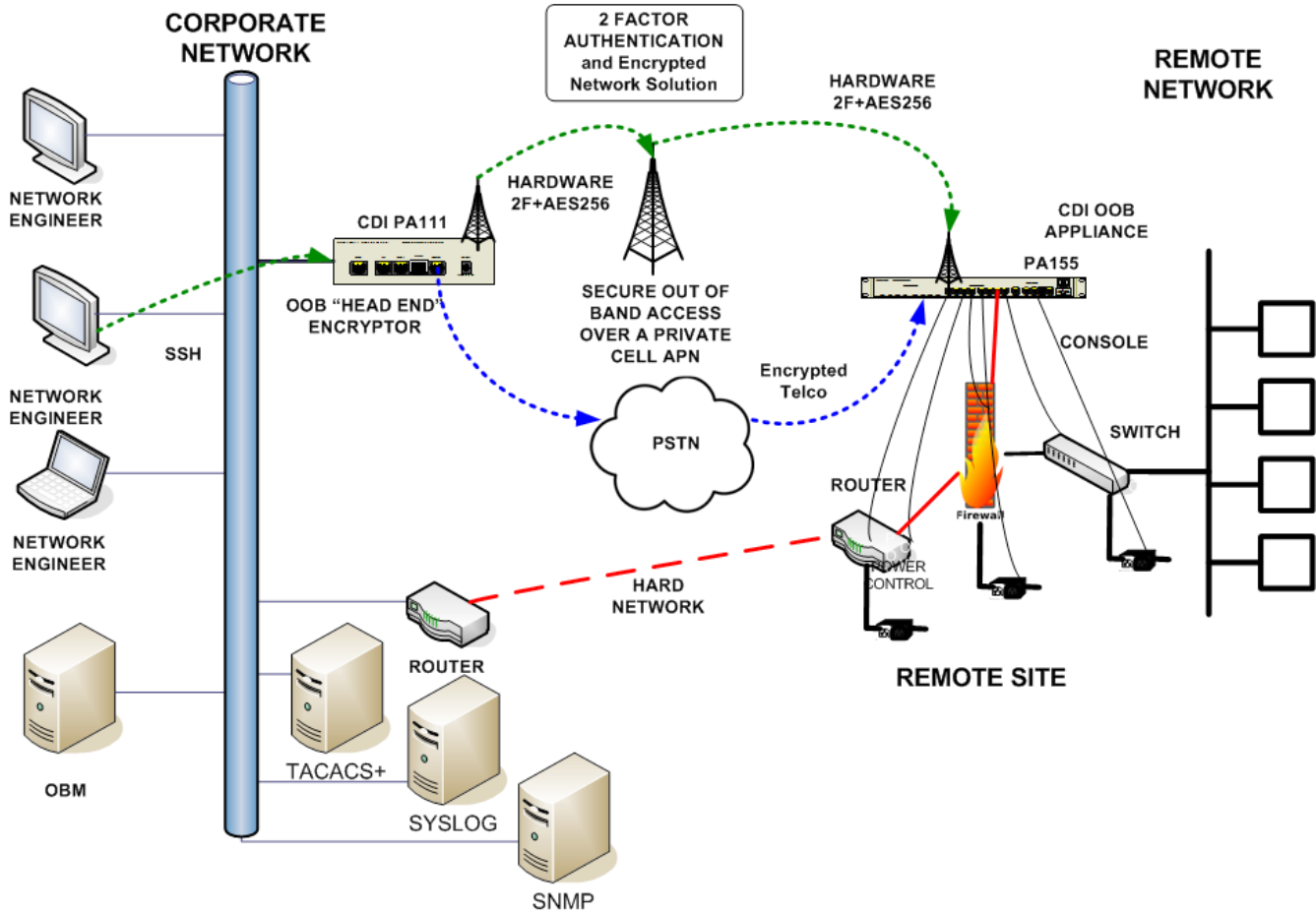
- As a true Secure Out of Band Management Device connected to the PSTN - end to end encrypted LTE access or legacy dial-up.
- As a Secure Terminal Server Connected to the WAN/LAN using network based protocols for security and management.
- As an encryptor using FIPS 140-2 Level 2 Certified AES encryption
- Or as a Client Encryptor used at the NOC for PSTN or Network Hardware, FIPS 140-2, End to End AES Encryption

The PA199-AES has nine serial interfaces for connection to remote console ports and also supports nine optional Secure Power Control Modules for remote power reboot capability.



Power Control Modules

## USING A PRIVATE CELLULAR APN FOR SECURE OUT OF BAND MANAGEMENT



### Network Capabilities

The network interface provides in band SSH or AES access for engineers as well as real time reporting and access to the OBM manager. The following protocols are supported.

- Multiple Encrypted Network Access Sessions
- Multiple Remote Encrypted LTE Access Sessions
- Secure Shell (SSH)
- Radius, Syslog, SNMP, Real Time Events
- Real Time Telco Status and HeartBeat

Order info for single and multi-port models

<b>PA-111-SA</b>	Stand Alone, 1 console port 1 power control port	<b>Length</b> 8 inches (20.32 cm) <b>Width</b> 19 inches (48.26 cm) <b>Height</b> 1.75 inches (4.5 cm) <b>Weight</b> 7 pounds ( 3.17 Kilogram) <b>Power</b> 110VAC 1.5 AMP, 220VAC .75 AMP <b>Misc.</b> NIST AES & TDES, RSA, FCC PART 15,PART 68, CE,UL60950
<b>PA-111-RM</b>	Rack Mount, 1 console port 1 power control port	
<b>PA-155-RM</b>	Rack Mount, 5 console port 5 power control ports	
<b>PA-199-RM</b>	Rack Mount, 9 console port 9 power control ports	
		<b>Global</b> Add <b>-US, -UK, -EU, AU</b> for international power cords