



Port Authority

111-AES

Integrated Secure Modem + Cell + Network FIPS 140-2 Certified Out of Band Management

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

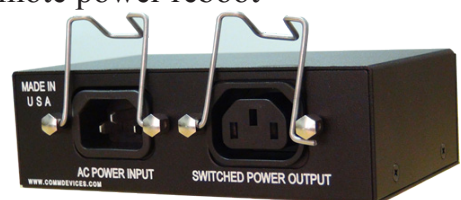


The Port Authority 111-AES provides Secure out of Band Management access to Routers, Firewalls, VOIP switches, and other network elements when conditions on the network deteriorate.

The device can act in several modes:

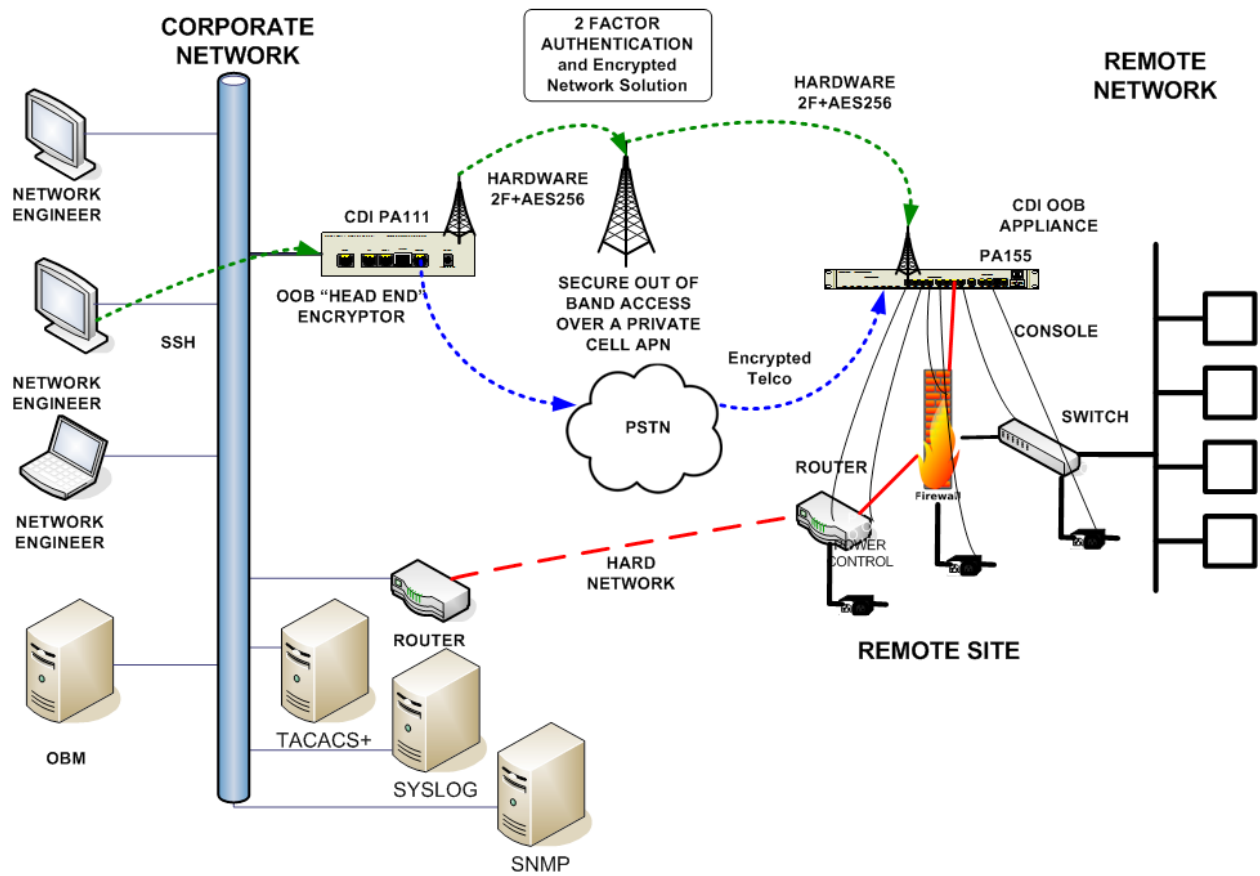
- As a true Secure Out of Band Management Device connected to the PSTN - end to end encrypted dial-up.
- As a Secure Terminal Server Connected to the WAN/LAN using network based protocols for security and management.
- As an encryptor using FIPS 140-2 Level 2 Certified AES encryption
- As a stand alone authentication device capable of authenticating an RSA token without a network connection (The ACE server is built-in)
- All of the above simultaneously.
- Or as a Client Encryptor used at the NOC for PSTN or Network Hardware End to End AES Encryption

The PA111-AES has one serial interface for connection to a remote console port and also supports an optional Secure Power Control Module 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 access for engineers as well as real time reporting and access to the OBM manager. The following protocols are supported.

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

Order info for single and multi-port models

PA-111-SA	Stand Alone, 1 console port 1 power control port
PA-111-RM	Rack Mount, 1 console port 1 power control port
PA-155-RM	Rack Mount, 5 console port 5 power control ports
PA-199-RM	Rack Mount, 9 console port 9 power control ports

Length	8 inches (20.32 cm)
Width	6 inches (15.24 cm)
Height	1.75 inches (4.5 cm)
Weight	4 pounds (1.8 Kilogram)
Power	110VAC 1.5 AMP, 220VAC .75 AMP
Misc.	NIST AES & TDES, RSA, FCC PART 15,PART 68, CE,UL60950
Global	Add -US, -UK, -EU, AU for international power cords