



The POTS IN A BOX®

The POTS IN A BOX® solution enables legacy analog wire-line in-band Voice, Machine to Machine (M2M) Data, DTMF signaling tones, analog data modem tones, FAX and Alarm system signals, currently connected to the Public Switched Telephone Network (PSTN), to be carried over IP Internet connections including the LTE Cellular Data Network.

POTS IN A BOX® uses AT&T's Cellular Data Network to provide high levels of security and reliable cellular connectivity. A firewalled Network Operating Center (NOC) routes data received via IP and AT&T's LTE Network to or from the PSTN to enable call origination or call completion to occur using various methods.

POTS IN A BOX® is IP Cellular appliance that directly replaces wireline analog Plain Old Telephone Service (POTS) lines, work with IP Equipment and is an Enterprise full feature LTE Router.

Supported Services

Voice Over IP via LTE | FAX | Multi-protocol support for Fire and Security Alarms | Auto Dial call boxes (Ring Down) | Analog data support for a wide variety of FSK enabled Modems | M2M and SCADA | Other legacy analog communications devices | High speed Internet access via LTE, Wi-Fi and WAN | Powered by AT&T

POTS IN A BOX®

Any application functionality that requires a traditional wireline dial tone-based circuit may utilize POTS IN A BOX® for connectivity. Transmission options include the ability for both Cellular Data channel and other alternative internet access pathways providing true failover and diverse routing for calls. Additional reliability in local power outage situations is provided by an internal 24-hour capable battery. Support for location specific E-911 is also included.

Features & Capabilities

Direct plug and play Analog POTS line replacement supporting 2 lines (expandable up to 10 lines)

Integral Router with 1 WAN, 4 LAN Ports Support for legacy FAX transmission Burglar and Fire Alarm signal transmission Ring-Down telephone line circuit (Auto dial)

- One number dialer line
- Elevator, Paging, Taxi phone line

Analog M2M

- Legacy Analog Modem support
- Utility Automatic Meter reading
- Telemetry command and control (SCADA)

SMB Router/Gateway

- High speed Internet access including a 4-port wired LAN standard
- Wi-Fi Wireless access standard

Applications

- Any application functionality that requires a traditional analog wireline with CLID, E-911 support
- FAX transmission
- Burglar and Fire Alarm signal transmission
- Ring-Down telephone line circuit (Auto Dial)
 - One number dialer line
 - Elevator, Paging, Taxi phone line
- Analog M2M
 - Legacy Analog Modem support
 - Utility Automatic Meter reading
 - Point of Sale (POS) terminal line
 - Vending machine communication
 - ATM machines data line
 - Telemetry command and control (SCADA)
- SMB Router/Gateway
 - High speed 4G/LTE Internet access via a 4-port wired LAN
 - Wireless access via Wi-Fi

Features and Benefits

- Analog POTS line replacement
- Calling Line Identification (CLID)
- E911 support with address ID transmission
- Managed Voice Service
- Individual Line status alerts via text and email
- Type approved 4G/LTE and 3G support (FCC, PTCRB)
- Integral Router with 1x WAN, 4x LAN Ports
- Integral Wi-Fi (Host and Client), 2.4GHz, 5GHz(802.11 b/g/n/ac)
- Industrial rugged metal case design
- Integrated battery back up unit
- Selectable service priority/Failover options
- Programmable settings for M2M minimum data usage

Detailed Specifications

ROUTER FEATURES

- VRRP
- VPN (PPTP, L2TP, IPSec, OpenVPN)
- Port Forwarding
- DMZ
- DDNS
- Static Routes
- SMS and Email notifications
- Packet tracer

WIRED NAT ROUTER

- DHCP Server and Client
- WAN
- VPN
- Firewall

RADIOS

- 4x external antenna ports: 2 LTE, 2 Wi-Fi
- Wi-Fi Host and Client

CELLULAR WIRELESS MODULE

- Quad-Band LTE-FDD B2/B4/B5/B17
- Dual-Band UMTS/HSDPA/HSPA+ B2/B5
- LTE -FDD/Rel-9 Cat3
- HSPA+ DC -HSPA+, Rel-10 HSPA+

CELLULAR DATA TRANSFER

- LTE
 - Uplink up to 50 Mbps
 - Downlink up to 100 Mbps
- HSPA+
 - Uplink up to 5.76 Mbps
 - Downlink up to 42 Mbps
- UMTS
 - Uplink/Downlink up to 384 Kbps

WIRELESS / WI-FI

- Up to 4 SSID's per Radio
- Static/Dynamic WEP (64/128 bit)
- WPA, WPA2-PSK
- WPS
- Guest/AP isolation
- 20 and 40 MHz channels
- WIFI scheduler
- Access Policy
- WDS