

PATTON

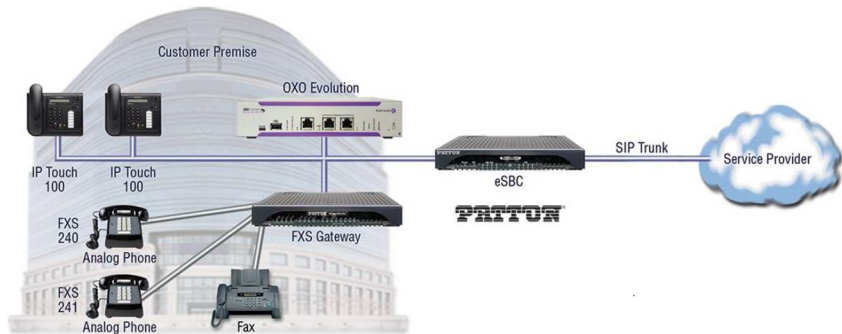
SmartNode™ certified with OXO Connect™



The SmartNode™ customer premise equipment delivers state-of-the-art VoIP technology that integrates seamlessly with existing analogue equipment and PSTN lines, digital ISDN, SIP and IP infrastructures. SmartNode provide any-to-any multipath switching, and supports simultaneous SIP, ISDN and PSTN calling—plus FAX and modem over IP..

Integration Overview:

The Patton Solution certified with Alcatel-Lucent Enterprise, consists of two elements which complement the OXO Portfolio: e-SBC and FXS gateway.



In this use case, the Patton eSBC interfaces with the SIP trunking provider and ensures SIP interworking, NAT Traversal, SIP TLS/SRTP, IPv4/IPv6 conversion, DoS security and more.

In this use case, Patton analogue VoIP Gateway provides the FXS connectivity to legacy devices such as Fax machines, PoS terminals and can optionally connect to POTS lines for survivability purposes.

Notes :

- Hybrid models supporting eSBC and Analogue Gateway functionality are available.
- Patton CPEs are all based on a unique, common software suite which makes configuration simple. In addition, they all can be managed, monitored and administered from Patton Cloud.

Integration Details:

The SmartNode CPE's provide the following functionalities.

Enterprise Session Border Controller – eSBC

- Security—Network separation/demarcation/split domain, intrusion prevention,
- encryption
- **Interop assurance**—SIP normalization towards OXO
- **Voice quality assurance**—Quality of service
- **Bandwidth management**—WAN optimization, transcoding

- **Business continuity**—Network survivability, PSTN fallback, SIP registration
- **Centralized Management, Monitoring & Alarming / Notification**

Analogue VoIP Gateway

- **Legacy support**—Analogue telephony ports (FXS, FXO) for IP-enabling traditional TDM trunks, PBXs and phones
- **Long reach** – Analog line up to 10km
- **Supplementary Services** (Call-Hold, DTMF, Conference, etc.)
- Tax Pulse generation
- **Fax & Modem** transmission
- **Centralized Management, Monitoring & Alarming / Notification**

For technical support, contact:
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Technical Details:

Environment

Partner	ALE
<ul style="list-style-type: none"> • Trinity 3.15 	<ul style="list-style-type: none"> • OXO Connect R3.0™

Supported APIs/Protocols

- SIP & Analog FXS Voice

Company Overview:

A Technology Company Focused on Communications Infrastructure. As a long-lasting technology company Patton has seen and participated in the many changes of technology and markets. Patton lives in the change. Incorporated in 1984, we have designed and built everything from connectivity devices that connect "this-with-that", to carrier-grade Telecom equipment that connects subscribers to service providers. Patton's specialty is interconnecting yesterday's cutting edge to the cutting edge of today.

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