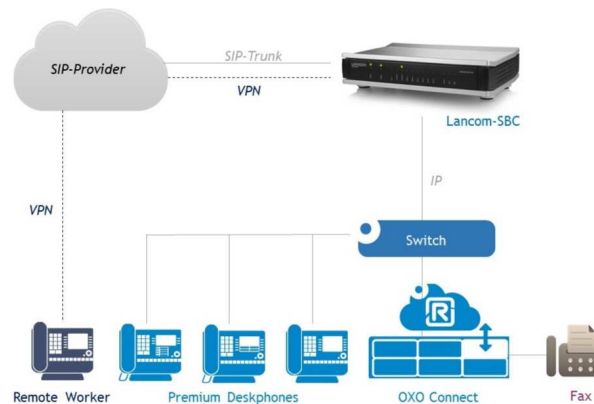Alcatel·Lucent
Enterprise

LANCOM
VOIP Routers certified with
OXO Connect™ & OXO Connect Evolution™

LANCOM
Systems

The LANCOM VoIP Routers enable small businesses on single sites to securely and seamlessly migrate from ISDN/analog to the new All-IP network.

Integration Overview:

The LANCOM VoIP Routers in combination with all OMNI PCX-Office (OXO / OXO Connect) combine all SBC-Functionalities along with secure access by the use of IPSEC VPN-Tunnels for extended services.

The LANCOM Voice Call Manager provide common functionalities of a Session Border Controller:

For instance, it enables the secure separation of external (insecure) and internal (secure) networks.

Ensuring a high voice quality, voice packets are preferred due to bandwidth reservation (QoS).

On top of that, the VCM as a SIP proxy enables the professional management of signaling and voice data for a high security during establishment, processing and termination of phone calls – including the necessary conversion of protocols via transcoding.

In addition, all LANCOM VoIP Routers provide secure, IPSEC-based VPN Tunnels for remote services, license updates, SW updates and further "Cloud-Connect" services.

Integration Details:

The LANCOM SBC enables a secure separation of external (insecure) and internal (secure) networks.

- Integrated VDSL2 and ADSL2+ modem
- 1 x WAN Ethernet 10/100/1000 Mbps Gigabit Ethernet
- 4 x Ethernet 10/100/1000 Mbps Gigabit Ethernet
- Integrated Session Border Controller
- Integrated Voice Call Manager (VCM)
- Up to 3 IPSEC VPN tunnels included

Technical Details:

Environment	
Partner	ALE
• LCOS 10.20	• OXO Connect R3.1™

Supported APIs/Protocols
• SIP

For technical support, contact:
https://www.lancom-systems.com/service-support/support-warranty/support-contact/

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Company Overview:

LANCOM Systems GmbH is a leading European manufacturer of network and security solutions for business and the public sector. The portfolio includes hardware (WAN, LAN, WLAN, firewalls), virtual network components, and cloud-based software-defined networking (SDN). LANCOM Systems was founded in 2002 and has its headquarters in Würselen near Aachen, Germany. Customers include SMEs, government agencies, institutions, and major corporations from all over the world. Since summer 2018, the company has been an independent subsidiary of the Munich-based technology group Rohde & Schwarz