

# IPCallBox Central



The **IPCallBox Central** delivers a cost effective, reliable and secure Voice over IP capability to legacy telephony equipment equipped with Primary Rate ISDN interfaces.

Designed to satisfy the demands of carriers and enterprise networks alike, the **IPCallBox Central** has an extensive list of features that make it one of the most flexible and reliable boundary call routers for professional use.

## Features and Benefits

- Two ISDN30 PRI interfaces with fall through relays and multiple call back up features guarantee reliable operation.
- Supports SIP & H.323 Protocol for maximum compatibility with many other gateways and soft switches.
- Built in routing table permits standalone operation without SIP Proxy or Gatekeeper.
- Multiple SIP/H.323 service provider operation permits simultaneous company wide and world-wide call delivery.
- Built-in IP router with NAT and DHCP server gives "one box" solution for voice and data communications from remote sites.
- SNMP management and full remote configuration and monitoring facilitates easy deployment and maintenance.

## Alternative IP Carriers

The compact unit is easily installable by non-technical staff due to its "in-line" position in an existing ISDN PRI trunk line and its ability to receive its configuration directly through either an IP connection or through the ISDN line from the remote management platform. No configuration or extra trunk cards are required in the PBX and no user re-training is necessary.

The **IPCallBox Central** enclosure can be wall mounted, desktop mounted or placed in a 19" rack using the optional twin unit 1U shelf.



## Enterprise Networks

The **IPCallBox Central** can be used to provide an easy path to VoIP (Voice over IP) connectivity between multiple offices and individual home based workers. Calls between offices can be invisibly diverted across the existing enterprise IP network or the internet to provide considerable savings on call costs.

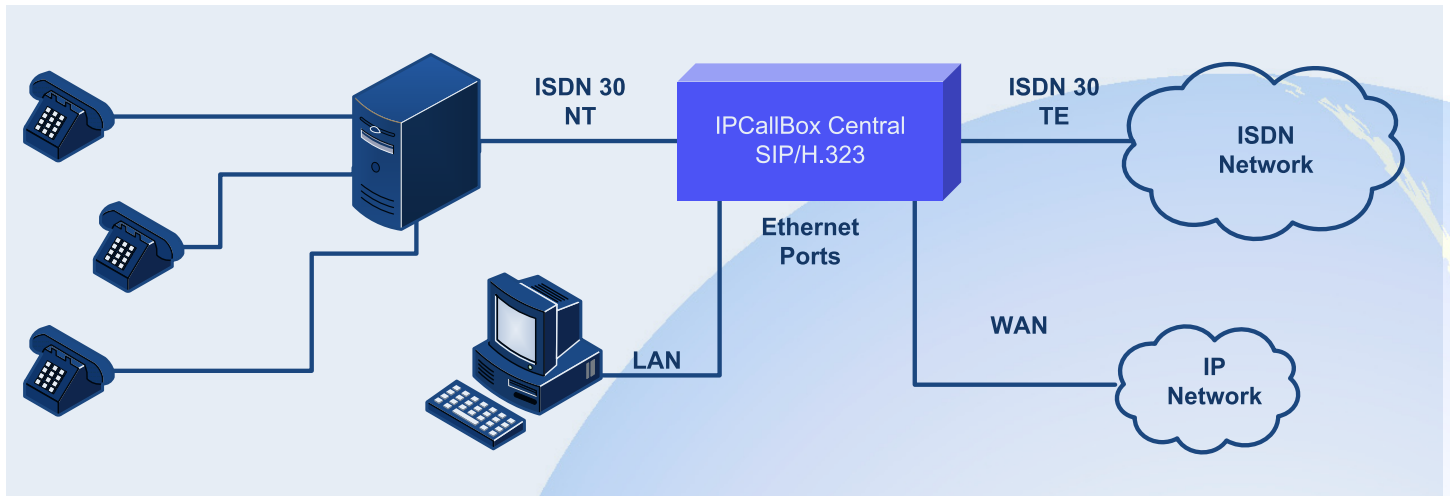
## Reliable Connectivity

Automatically allowing calls to fallback across multiple routes, the **IPCallBox Central** ensures that calls connect even under severe network problem conditions, guaranteeing the highest level of connectivity.

## True Convergence

Equipped with two Ethernet ports the **IPCall-Box Central** also provides IP routing between an internal IP LAN and an external IP WAN. An integrated DHCP server and NAT capability means the unit can provide both voice and data connectivity to a site in one unit. The IP WAN connection can be a leased line, Wireless LAN, Satellite or any other permanent IP connection.

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4 Options (V8,V16,V24,V30)	Scalable to enable up to 8, 16, 24 or 30 concurrent calls
LAN Interfaces	1 x LAN Ethernet 10/100 Mbps
WAN Interfaces	1 x WAN Ethernet 10/100 Mbps
Local Management	IP, Serial Interface V.24/V.28 via RJ-12 or Telnet based through LAN interface
Protocols supported	SIP/ H.323; G.711 A-Law, u-Law; G.729A; G.723.1; H.225.0; H.245, H.235 Security, T.38 Fax support, TCP/IP; UDP/IP; RTP; PPP; HTTP, Telnet, SNMP, RIP1, RIP2, NAT, DHCP Server & Client, Q.931 Euro-ISDN, DASS II
Other Features	<ul style="list-style-type: none"> <li>• Advice of Charge (AOC-D, AOC-E) ,</li> <li>• Call Detail Records Output over IP ,</li> <li>• Automatic call failover between multiple destinations/interfaces.</li> <li>• Support for dynamic IP path switching in the event of IP path failure</li> <li>• Voice prioritisation for QoS support</li> <li>• Built in call test facilities including audio quality monitoring</li> </ul>
Power	External power supply to suit local power outlets (7.5 watts)
Size	220mm (w) x 222mm(d) x 37mm (h) Wall or desk or Rack mounting, 19" rack shelf available
Weight	Approximately 1250 grams
Voice Call Routes	>1000 static destination gateways /routing entries can be stored and can operate with multiple SIP/H.323 destinations simultaneously.
Support Tools	Java based LAN management station and Graphical routing configuration tools
Remote Management	Fully featured central site management application available