

# IPResilient

Fully Resilient SIP trunks Solution



Effective business continuity for telephony is an essential part of any company's planning for unforeseen circumstances. How long can any business afford to be without its telephones? How much business will be lost if clients are unable to make or receive calls to and from customers?

Axtan's **IPResilient** range of high resilience and reliability SIP gateways can be used as part of a structured business continuity plan to ensure that loss of telephony events from fire, flood, network problems, ISP issues, service provider problems or other service affecting issues can be handled with minimal interruption to your customer's business.

- Ensures a five 9s (99.999%) reliable connection
- Overcomes customer objections to SIP trunks
- Seamless integration with existing ISDN lines
- Fully automatic switchover within 1 minute for incoming and outgoing calls
- Continuous monitoring of main and backup I paths and ISDN lines
- Available with fully managed support service including SMS and e-mail alarms

With fully automatic switchover to an alternative IP path and seamless failover to alternate Service Provider networks the **IPResilient** solution can smoothly reroute both incoming and outgoing calls to ensure your customer's telephony service is always available.

Customers will no longer have the inconvenience and expense of diverting inbound calls to mobiles. In bound calls will be taken as normal ensuring all customer handling functions remain fully operational.

The **IPResilient** solution can also provide backup for existing ISDN lines. Detecting a failure to deliver an outgoing call on an ISDN line it will flawlessly redirect the call via a SIP Service, and can generate an alarm that allows immediate action to reinstate the ISDN or SIP service.

The **IPResilient** solution makes use of Axtan's IPCallBox Range of SIP gateways that can also



be linked to a fully managed support service that monitors your lines and takes remedial action when a problem is detected, effortlessly managing the availability of your telephony services.

Axtan can provide :-

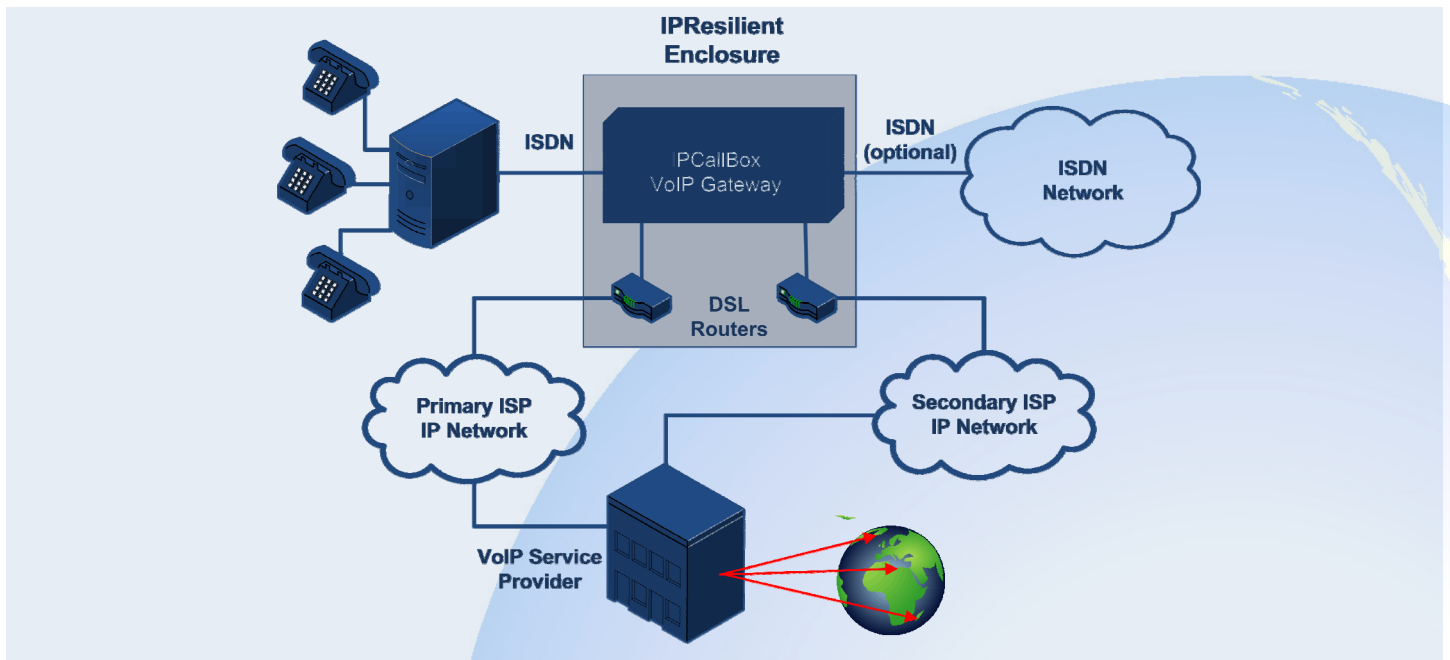
- Sales and technical training packages for staff and end users.
- Fully configured CPE for fast and simple installation
- Complete installation and activation capability including lines and SIP service if required
- Full support service, handling of alarms and faults, and providing customer alerts via SMS and e-mail

You can now control your SIP service standards directly and tap into these innovative new business opportunities for enhanced revenues and margin with a business partner that is ready and able to deliver a reliable and resilient SIP service package.

The **IPResilient** solution can be provided as a complete Customer Premise Package including VoIP gateway, DSL modems, power distribution blocks and a lockable wall mounting steel cabinet that is custom designed for the solution.

# IPResilient

Fully Resilient SIP trunks Solution



<b>Product Range</b>	Central - Primary Rate ISDN unit supporting between 8 and 30 VoIP channels Branch - Basic Rate ISDN unit supporting up to 4 BRI lines and 8 VoIP channels
<b>Enclosure</b>	All types are available in a locking wall mount cabinet containing SIP gateway, power distribution and ADSL modems
<b>ADSL Support</b>	Annex A (POTS) , Annex B (ISDN) , Annex M
<b>Alarms</b>	Syslog Alarms - can be used to generate e-mail or SMS text messages. Alarm Types :- Primary IP Path Failure & Restoration Secondary IP path Failure & Restoration SIP Registration failure Gateway Power Cycle Call Failover & Redirection
<b>ISDN Interfaces</b>	Primary Rate -EuroISDN and DASS II ( Optional 75Ohm Coax Unit available) Network (TE) and PBX ( NT) facing interfaces available with fall through relays for assured resilience Basic Rate - EuroISDN, PtP and PtMP Network (TE) and PBX(NT) ,AOC-E and AOC-D
<b>Management</b>	Full remote IP management. SNMP, Telnet, HTTP, Java based management and graphical configuration tools. Built in call test and full call diagnostic facilities . Real time Call Detail Records sent over IP including RTP statistics on every call.
<b>IP and VoIP</b>	SIP V2 , RTP, RTCP , G.711 a & u law, G.729/G.729a and G.729 annex B G.726 & G.723 Secured access against unknown SIP endpoints ,DHCP , SNMP , Telnet , HTTP, ICMP
<b>Size</b>	Lockable Enclosure - (W) 365mm x (H) 430mm x (D) 90mm) Gateway Units - 220mm (w) x 222mm(d) x 37mm (h) Wall or desk or Rack mounting, 19" rack shelf available

Axtan Ltd • Unit 7 , Forest Park Business Units • Bracknell • Berkshire • RG12 0XQ • UK

Telephone: +44(0)870 7658990 • Fax: +44(0)870 7066073 • E-mail: info@Axtan.co.uk