SPITFIRE®

VOICE · INTERNET · WAN

Connectivity

Circuits for VoIP

When using your internet connection for VoIP it is essential to ensure your circuit consistently meets the grade for voice quality.

Many do not meet the stability and performance criteria necessary to provide clear calls.

Why performance counts

VoIP applications are particularly demanding when it comes to the quality of the underlying network they utilise. Even small fluctuations in performance can have a significant impact on voice quality - only networks that provide consistency will prevent VoIP quality degradation.

Although VoIP does not demand much bandwidth, in fact only ~100Kbps per call, other network measurements are critical. Packet loss, jitter and latency all need to be consistently low to achieve acceptable call quality. Unfortunately, not all circuits can be relied upon to deliver on these variables.

Circuits for VoIP

A circuit that is used for VoIP must provide high performance and ideally have this underpinned with a Service Level Agreement (SLA). Circuits with such SLAs include:

- Dedicated Fibre Ethernet
- FTTP Ethernet
- FTTC Ethernet
- Voice Assisted FTTC/FTTP Broadband

Regular broadband services lack these SLAs on packet loss, latency and jitter and therefore will not consistently meet the required VoIP network standards. The result? Voice quality will suffer.
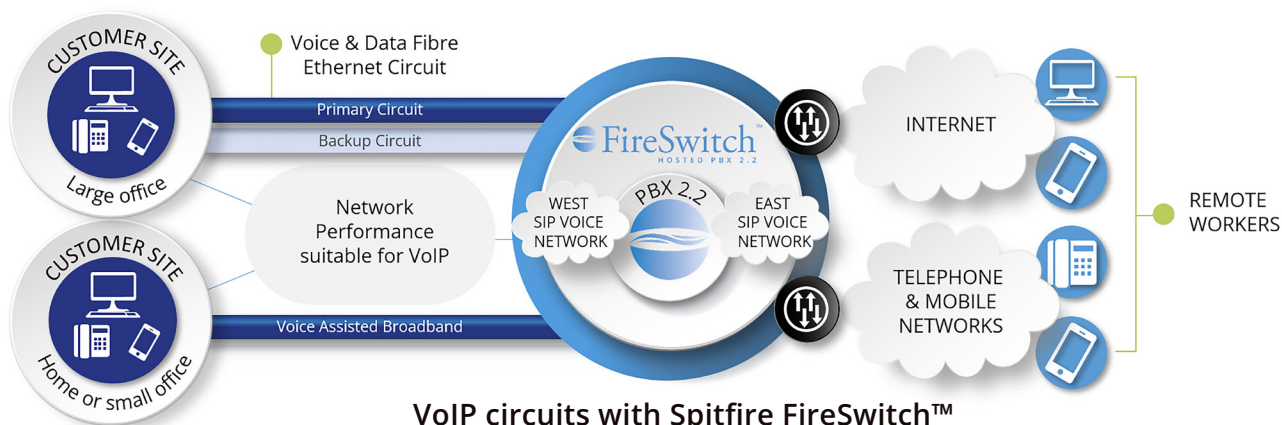
VoIP circuits with Spitfire FireSwitch™

Telecoms and IP Engineering Solutions for Business since 1988

Key Benefits

Spitfire Voice Approved and Voice Assisted circuits are engineered to ensure voice quality is consistently maintained.

Voice Approved Ethernet circuits from just £60 per month – a small price to pay for voice quality.

Voice Assisted Broadband circuits from £36 per month – a cost effective solution for smaller businesses.

Suitable for voice only or converged voice and data usage.

Widely available connections from 80Mbps to 1Gbps.

HIGH SPEED FIBRE CONNECTIVITY
- Symmetric bandwidths up to 10Gbps
- Asymmetric bandwidths up to 1Gbps download
- Utilising FTTC, FTTP and Dedicated Fibre ciruits

UNRIVALLED PERFORMANCE
- Voice Approved Dedicated Fibre Ethernet Performance SLAs:
  - Packet Loss <0.01%
  - Jitter <3ms
  - Latency <10ms
- Target repair time 5 hours, 24x7

OPTIMISED FOR QUALITY
- Suitable for the most demanding applications, not just VoIP
- Quality of Service (QoS) policies available for VoIP, video and Unified Comms applications

Why Spitfire?

Spitfire have been providing connectivity and telephony solutions to business customers for over 30 years and understand the importance of quality telephone calls.

Basic broadband circuits were simply never designed to meet the high demands of VoIP. Spitfire provides a broad range of circuits that are ideal.

Voice Assistance optimises our premium broadband circuits to prioritise VoIP traffic across broadband networks. Or for just a few pounds more why not upgrade to our SLA backed Voice Approved FTTC Ethernet service. For more bandwidth and a target repair time of just 5hrs, our FTTP Ethernet and Dedicated Fibre Ethernet circuits will meet any requirement.

Our Account Managers can advise on the best connectivity solutions whatever your business needs.

COST EFFECTIVE
- Voice Approved Ethernet from only £60 per month
- Voice Assisted Broadband from only £36 per month
- Choose the circuit to suit your VoIP and data needs

Contact your Spitfire Account Manager to learn more about VoIP connectivity options and availability

Sales 020 7501 3333 • Partner Services 020 7501 3150

Innovative • Flexible • Reliable • Supportive • Cost Effective

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