

# BT ALL IP VoIP service CSL Performance Results



DualCom tested using our normal signalling protocol on the BT ALL IP VoIP service.

DualCom (DC4, DC5 and DC6 and DigiPlus) uses an FSK modem: V22bis 2400 modem baud-rate to the CSL Gemini Global Platform PASSED.

The specification of the BT ALL IP VoIP tested: G.711Alaw Codec at 64kbps with packetized IP packets using Real-Time Transport (RTP). The Ethernet bandwidth allocated is approx. 90kbps. The VoIP Service has Layer 3 Quality of Service over BT's Network IMS (IP Multimedia Subsystem). The QoS prioritises the session as Expedited Forwarding, which is the highest priority.

DualCom (DC4, DC5 and DC6 and DigiPlus) will work over BT's ALL IP VoIP service on a line with normal broadband performance.

## Glossary:

- **VOIP** (Voice Over IP Technology) – provides a voice service using Internet Protocols, e.g. Skype
- **ATA** (Analogue Telephony Adaptor) – a device for connecting analogue telephones to a VOIP service. An ATA would provide Dial Tone and 50v like a normal PSTN line
- **SIP** (Service Initiation Protocol) – a protocol often used for VOIP service
- **FXS/FXO Port** – the name for physical port on a router you would plug an analogue phone into. An FXS/FXO port would provide Dial Tone and 50v like a normal PSTN line
- **PSTN** (Public Switched Telephone Network) – the analogue telephone line and service with dial tone, 50v and DTMF
- **POTS** (Plain Old Telephone Service) – as above
- **DTMF** (Dual Tone Multi Frequency) – the tones you hear on PSTN when dialling the telephone number, also used by some security signalling devices (digis)