



End of BT Business Highway - Problems & Solutions

BT Home and Business Highway is to be withdrawn during July 2007, due to BT's new 21CN network. Until now the combined ISDN2e and analogue service has allowed phones, faxes, PDQ machines and ISDN2e equipment such as PBX and routers to connect via one line.

To replace it BT is offering line conversions to either a single ISDN2e line or 1-2 analogue lines.

This can result in connectivity problems. But we have the solution. Below we list various products to allow service to be resumed and perhaps even improved, allowing connections of analogue equipment to ISDN2e lines or ISDN2 equipment to analogue lines and, where required, incorporating ADSL and VoIP.

Note: ISDN2e lines will not be affected by these 21CN updates. But meter pulsing on analogue lines as used by hotels will be withdrawn.

Connecting ISDN2e equipment to analogue lines

Allows two analogue lines to be converted to an ISDN2e port. Enables connection of equipment with ISDN ports.

- 1 or 2 analogue line FXO ports
- 2 channel ISDN2e port (FXS) for equipment
- CLIP supported

Auerswald Analogue/ISDN2e Converter £POA



Connecting ISDN2e equipment to VoIP channels

Connects ISDN2e equipment / PBX to SIP VoIP trunks

- SIP VoIP trunks (10 accounts supported)
- 1 ISDN2e NT port (FXS)
- 1 ethernet port



Auerswald SIP VoIP to ISDN Converter £POA

Bintec R230aw ADSL Router

- ADSL 2/2+ router
- 4+1 Ethernet Switch (10/100)
- WiFi AP & multi SSID
- VoIP QoS transparent proxy
- 5 VPN tunnels
- New easy to use GUI



R230aw ADSL Router £POA

Connecting analogue equipment to ISDN2e lines

Connect analogue equipment to ISDN2e quickly and inexpensively using the T240 PBX

- 4 analogue extension (FXO ports expandable to 6)
- 1 ISDN2e trunk port for incoming lines
- connects analogue devices - phones, fax, pdq
- use with or without other ISDN2e equipment

T240 £POA

The larger T484 PBX enables VoIP connectivity, voicemail options, increased analogue trunks, extensions and ISDN2e ports.



T484 PBX

ISDN2e Proof (Test) Phone

- Connect directly to ISDN2 lines without PSU
- P-to-P (MSN) or P-to-MP (DDI)
- works in reduced power mode
- ideal for proof testing

CS400PF £POA



ADSL router with ISDN2e back up

- ADSL 2/2+ router
- ISDN2e back up ports
- 4+1 port 10/100 Mbit switch
- PPTP-VPN and 10 IPSEC tunnels
- wireless option

R3000 £POA





VoIP Training - 1st and 2nd August 2007.

We are pleased to announce a training course on the Elmeg T & ICT Series PBX systems. The course will be held close to our office in Walton on Thames, Surrey.

With an every increasing amount of focus being placed on next generation VoIP systems, the solutions from Funkwerk place the latest technologies squarely within reach of many SoHo and SME businesses.

Day 1 - 01/08/2007

- Product overview (including: PBX chassis, extension cards, phones)
- Guide to solutions using SIP trunks on hybrid PBX

Day 2 - 02/08/2007

- Configuration of T484 and ICT
- Different trunk configurations using ISDN, POTS and VoIP
- Connecting branches & remote extensions via VoIP
- Troubleshooting

We expect this course to be very popular so please book early.

If you have any questions on this please do not hesitate to contact us on 01932 260 500.