



gate.tv

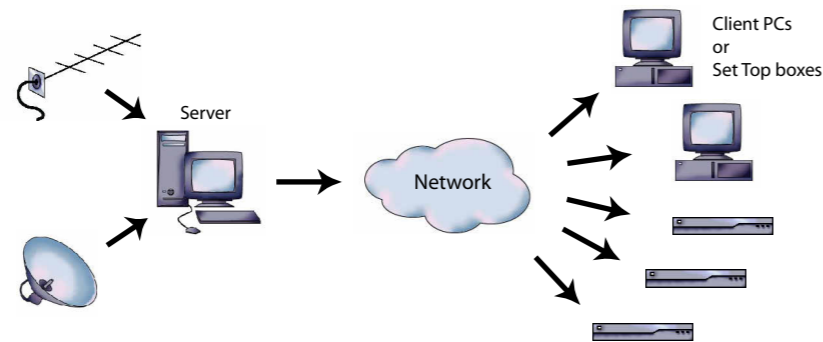
driving tomorrow's vision today

gate.tv captures 'free-to-air' digital television from either digital terrestrial (DVB-T), or digital satellite (DVB-S) for distribution over your network.

It is the ideal solution for corporate, education, retail and hospitality applications. Gate.tv compliments the Breeze EPG middleware to create a complete end-to-end solution in conjunction with the Amino Communications range of Set Top boxes.

The software is configurable up to the maximum number of multiplexes for any designated country. For instance, in the UK, Freeview is currently available on 6 multiplexes. The software includes automatic scanning of the broadcast channels and allows the user to select individual channels for streaming or archiving.

The streams can be multicast across a network and decoded onto a client PC desktop using Windows Media Player and/or presented to a set-top box.



gate.tv can be used in conjunction with the Breeze LiteBlue MPEG Encoder providing a 'mix and match' of inputs supporting both S-Video and Composite. This allows encrypted channels or local video feeds to be incorporated into the IPTV infrastructure.

System Features

- "Free to Air", DVB-T/S
- Supports Multiple Multiplexes
- Automatic Scanning of channels
- Windows Media Player Receiver
- Unicast, point-to-point, Multicast and Broadcast

Management

An intuitive Web based interface is provided which controls the scanning of TV channels and signal strength.

Status is provided for each available tuner.

Each channel can be configured to support a multicast using IGMP.

Once the channel scanning has taken place then selection of the required individual channels can be quickly implemented.



Channel	Provider	Program ID	Video PID	Audio PID	PCR PID	Freq	Band	IP Address	Transmit	Port	TTL
BBC NEWS 24	BBC	4415	640	641	640	746000	8	224.1.1.1	Multicast	11111	32
CBBC Channel	BBC	4671	620	621	620	746000	8	225.1.1.1	Multicast	11112	32
BBC TWO	BBC	4227	610	611	610	746000	8	226.1.1.1	Multicast	11113	32
BBC ONE	BBC	4163	600	601	600	746000	8	227.1.1.1	Multicast	11114	32