

Video Streaming Licences

A new Licence from ONELAN allowing any NTB with a DVB-T TV Tuner Card to stream out video and audio content.



Any NTB with a TV capture card that has been upgraded to at least V6.2 software is now able to be purchased with a Stream Out Licence. This allows the Server unit to stream a single broadcast digital TV Channel to any number of Streaming Clients on the local LAN (e.g. NTBs with Streaming Client Licences or PCs with a software streaming player).

A receiving player unit still needs to be purchased with a Stream In Licence so that it can receive the TV Channel from the Streaming Out Licenced NTB.

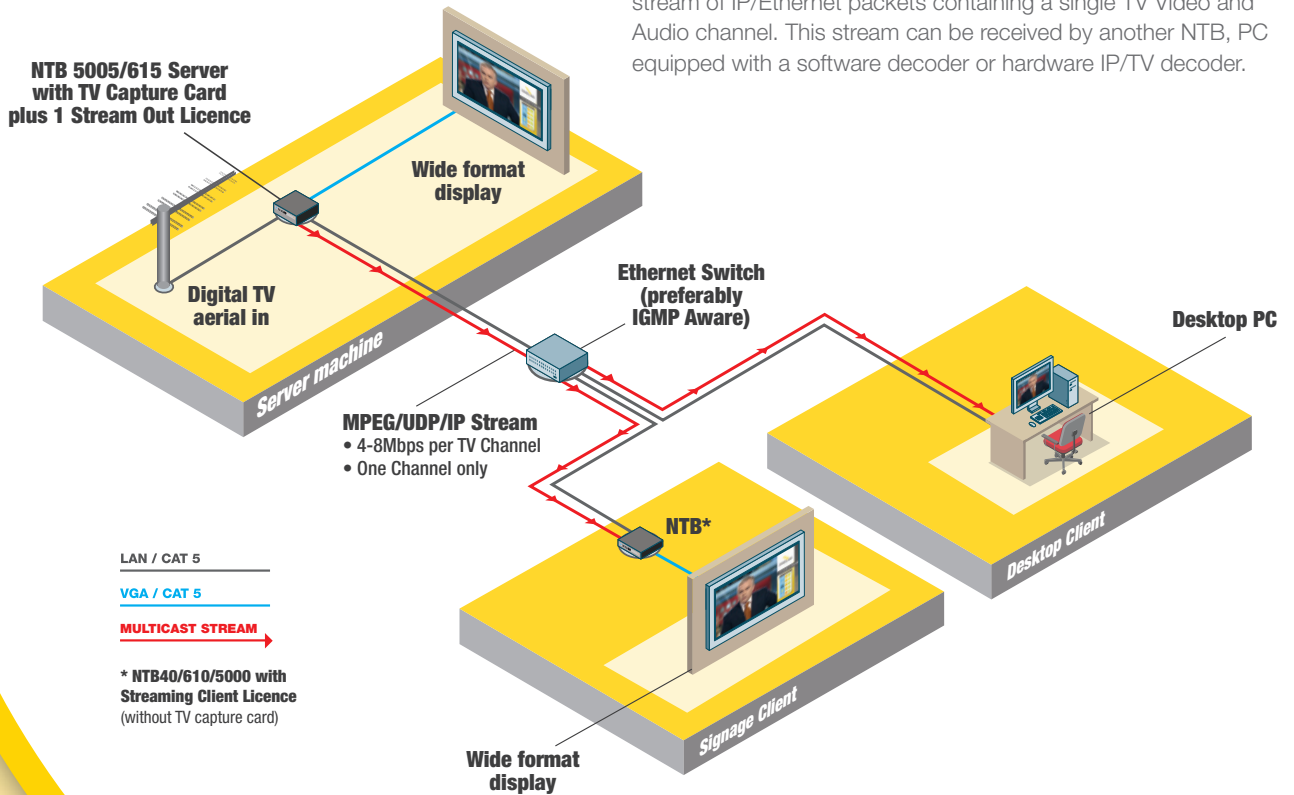
Streaming Licences key features include:

- Streams out a single FreeView Digital TV Channel to any number of streaming clients
- Deliver DVD quality Broadcast Digital TV to any NTB (with Streaming Client Licence), PC desktop (with IPTV software player), or other IPTV player
- Deliver TV network-wide over the existing network infrastructure
- No additional RF cables or TV Tuner cards required
- Support multiple TV channels with multiple Streaming Server NTBs - subject to network bandwidth
- Optionally operate with other Streaming Server sources - subject to network bandwidth
- NTB broadcasts TV Stream names using Service Advertising Protocol (SAP) packets

How it works

Server NTB

Any NTB (running V6.2 or later software) with a TV capture card and the Streaming Server Licence can transmit a multicast stream of IP/Ethernet packets containing a single TV Video and Audio channel. This stream can be received by another NTB, PC equipped with a software decoder or hardware IP/TV decoder.



Receiving NTB(s) / PC/ Hardware decoder

Any NTB with a Streaming Client Licence can receive a multicast stream - whether from an NTB or other streaming servers.

Specifications

DVB-T TV RF Input

Connector	Belling-Lee 75 Ohm
Frequency range	51 to 858 MHz
Tuning steps	6/7/8 MHz
Tuning	Scan/setup on demand

Multicast Output Stream - Server Only

Packet Format	MPEG(TS)/UDP/IP/Ethernet(multicast) stream
Bit rate	Depends on TV channel. Typically 4 Mbps, Max. 15 Mbps (SD). To 40Mbps(HD)
Codec Format	Depends on TV input. (MPEG2 in UK)

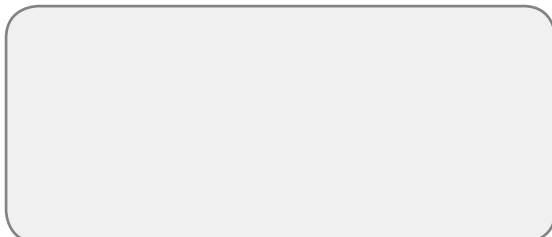
SAP Announcements - Server Only

RFC2974, RFC2327	Transmitted at 10 second intervals
Broadcast Address	Default IETF standard 224.2.127.254 or user definable
Channel Names	Default TV Channel name or user definable

Note: The stream out feature does not create a digital stream from an analogue source.

Or contact

To find out more contact our appointed reseller/installer:



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