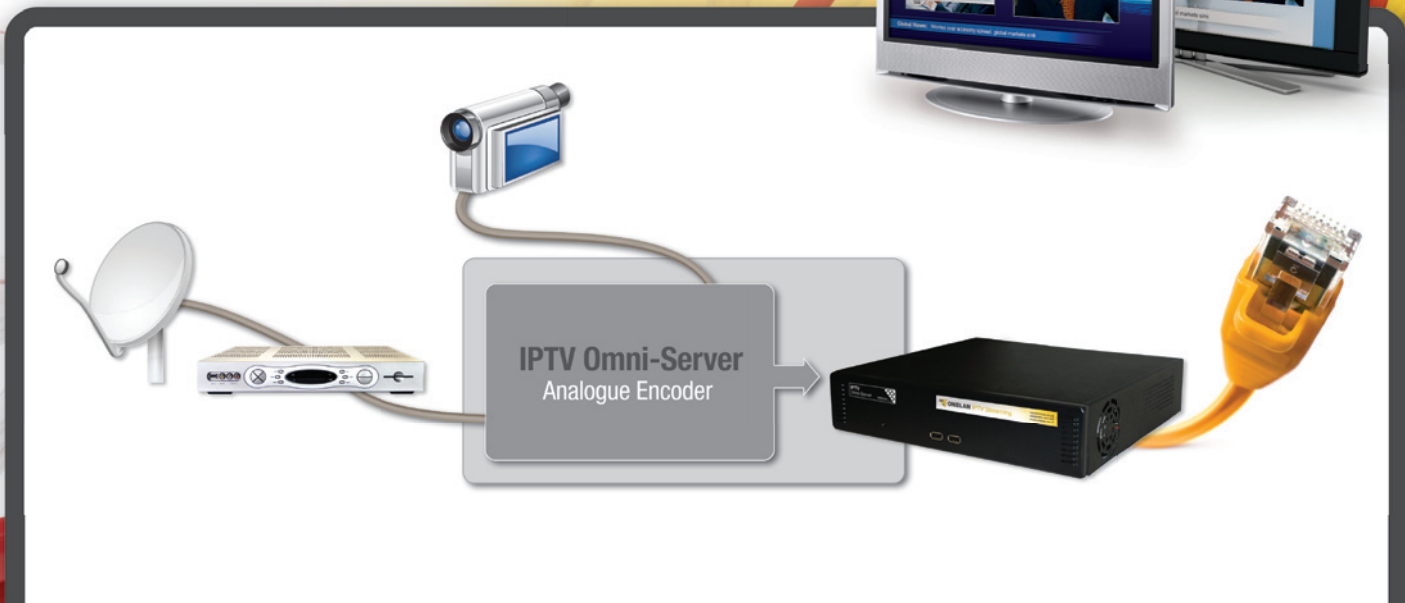


# IPTV Omni-Server-AA

ONELAN's IPTV Omni-Server is a single box solution for networked delivery and storage of video content via Ethernet networks.



The ONELAN IPTV Omni-Servers are a range of Digital and Analogue input Streaming Servers aimed at Digital Signage applications. The Omni-Server-AA is a simple Composite / S-Video input MPEG2 encoder available in a 1 or 2 channel configuration.

## Applications

**Corporate** > Deliver business critical information and training

- ◆ direct to employees
- ◆ to meeting rooms
- ◆ entertain and inform staff and guests in public areas

**Education** > Enhance the learning experience. Deliver educational TV, live and recorded video content

- ◆ to the classroom
- ◆ direct to student PCs

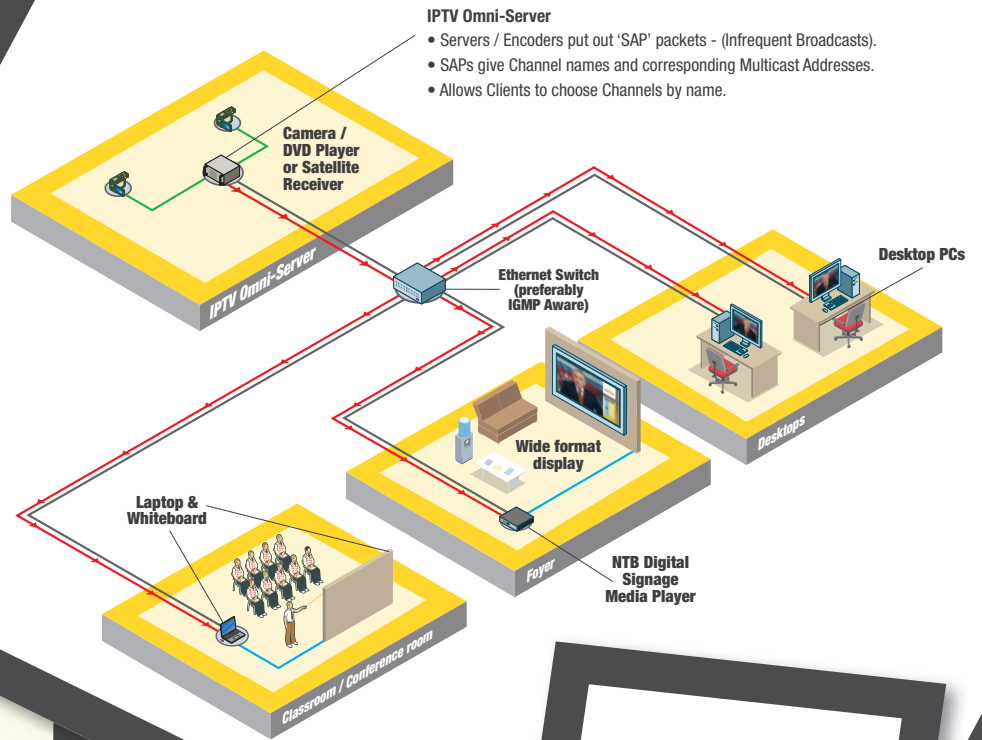
**Hospitality/Waiting areas** > Deliver news and entertainment to

- ◆ enhance the guest experience
- ◆ reduce perceived waiting time

## IPTV Omni-Server key features include:

- ✓ Provides 2 MPEG2/UDP/IP streams
- ✓ Multi-cast or Uni-cast output IP address
- ✓ Simple installation
- ✓ SAP Broadcasts to announce 'Channel Name' and IP address
- ✓ Video content via Ethernet networks
- ✓ Compatible with ONELAN NTB media Players





## How it works

This single box provides one or two MPEG2/UDP/IP high quality video streams to an Ethernet network infrastructure. User configuration allows the following to be set by a user through a telnet or Web browser interface:

- ◆ IP Address for the output stream
- ◆ PAL / NTSC input
- ◆ 4:3 / 16:9 input aspect ratio
- ◆ Output bit rate

SAP broadcast are sent on a periodic basis to inform potential clients of the existence of the streams and their IP address.

**CVBS, S-Video**

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**LAN / CAT 5**

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**VGA / CAT 5**

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**MPEG/UDP/IP STREAM**  
1-8Mbps per TV Channel →

## Specifications

Tuner / Encoder Slots	1 or 2
Output Bit rate	User selectable to 8Mbps
Output Streaming Protocols	MPEG/UDP/IP/Ethernet SAP – RFC2974 Multi-cast IP and Multiple Uni-cast IP
Analogue Video Inputs	Composite via RCA socket, S-Video via 4 pin DIN
Analogue Audio Inputs	Line level via 2 x RCA socket
Storage	None
Power (Supply/Consumption)	90VAC to 240VAC, 50-60Hz, (60W/25W)

ONELAN reserves the right to alter specification and functionality.



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