UHDtranscoder~ 1000

High performance transcoder appliance
Puts any content within reach of everyone, everywhere

Transcoding is a process that adapts an existing video stream by decoding stream content, modifying it to better suit one or more target audiences, then finally re-encoding it.

Encoded Media's UHD Transcoder connects to your LAN, ingests local streams and converts them to formats defined by the network administrator. Our UHD Transcoders can also be stacked to increase transcoding capacity.
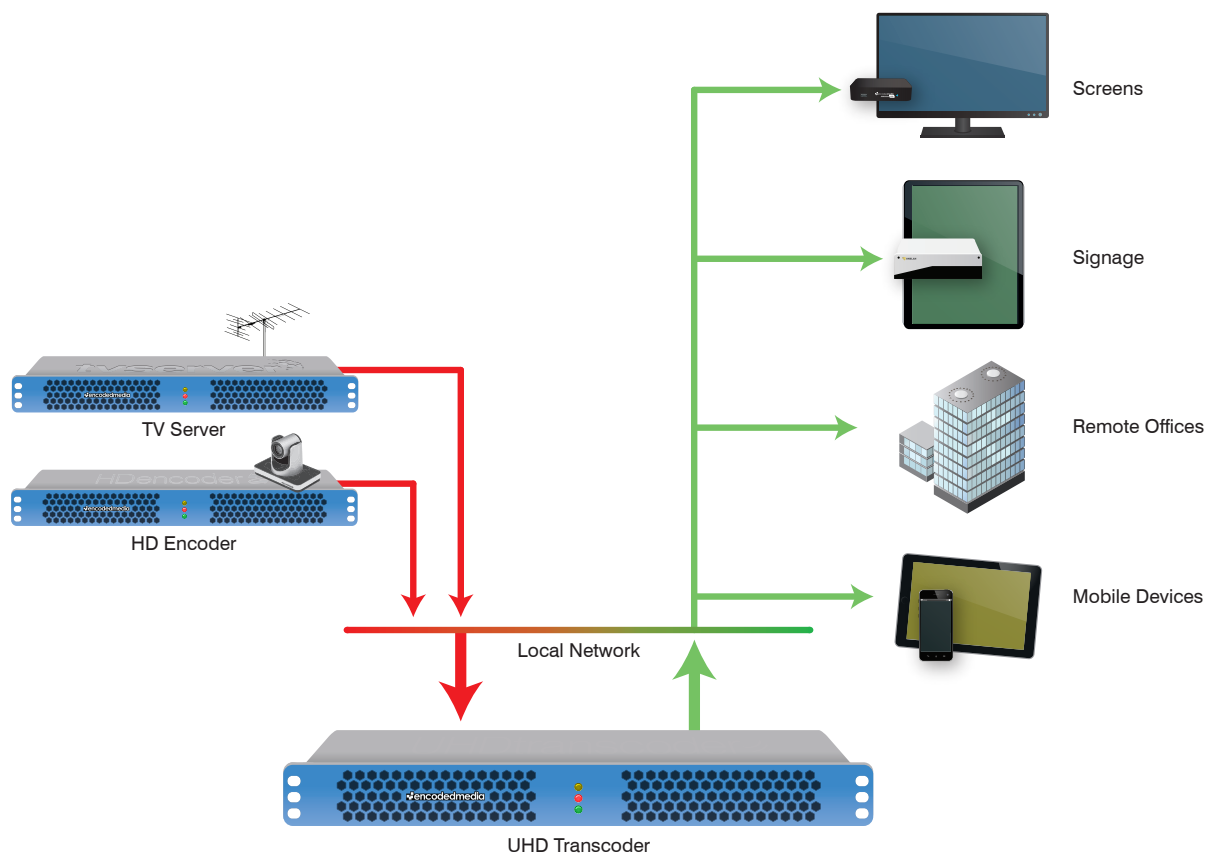
Transcoding features overview

- **Change bandwidth.** Reduce high bitrate UHD streams into lower bitrate streams to reduce network usage

- **Change rotation.** Turn landscape videos into portrait for vertical signage applications

- **Change format.** Convert streams into different codecs and protocols to make streams compatible with the widest possible range of playback devices

- **Watermarking.** Brand your content with logos and any other corporate imagery

- **Subtitles.** Overlay embedded subtitles on videos

- **Picture in Picture (PiP).** Combine multiple live streams into a single stream

- **Relay.** Import streams from remote locations and rebroadcast them locally to conserve your WAN bandwidth

- **Mobile.** Supports up to 1,000 clients over HLS

Applications

- **WAN delivery.** Simultaneously deliver high bandwidth content to local screens along with network efficient, low bandwidth versions to remote offices

- **Mobile playback.** Adapt high resolution, high bandwidth live streams into a mobile friendly format

- **Signage and foyers.** Rotate live video streams to fit portrait displays such as airport information screens

- **Legacy equipment.** Convert your content to suit legacy playback devices that are unable to support advanced modern codecs

- **IP Cameras.** Take existing streams from IP cameras and deliver them a format appropriate to your IPTV system

encoded**media**

Screens

Signage

Remote Offices

Mobile Devices

TV Server

HD Encoder

Local Network

UHD Transcoder

Technical Specification

Protocols	MPEG-2 Transport Stream RTSP, UDP, IP multicast IP dynamic/static unicast IGMP HLS SAP	**Network**	DHCP or static IP address 2x 10/100/1000 Mbps Ethernet
		Dimensions	1U 482mm x 290mm x 45mm (excluding connectors)
Power	100~240 V, 50/60 Hz IEC C14 inlet 220W, 750BTU/hr	**Weight**	5.0 kg
		Management	HTTP SSH Telnet EMControl
Output	MP2, MP4 and WMV 0.1-25 Mbps 120p - 4K30 16:9/4:3	**Operating temp.**	4°C to 40°C

Encoded Media are the UK's experts in Video and IPTV software. Our products are used daily by FTSE 100 clients in the corporate, financial and legal arenas. Visit encodedmedia.com for more information.

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