



The Canvas system is designed to deliver audio, video, image and HTML content to multiple points from one or several Windows 2000/XP servers.

The display points are low-cost set top boxes (STBs) that incorporate a web browser and video display technology. The STBs are used as dumb video terminals and are connected to videoscreens or projectors.

As well as a complete system, Canvas is also available as an OEM toolkit that allows a custom system to be designed around the set top boxes.



THE canvas SYSTEM

The Canvas decoder is a small form factor, plug and play MPEG-2 transport stream decoder. The decoder is based on an IP-TV set top box using Canvas remote control firmware. All the user needs to do is to configure the network settings for the box (or use the default DHCP settings) and then tell the box which video stream to decode.

The Canvas decoder will connect to the configured MPEG-2 transport stream and will decode that stream until it is told to stop. Configuration is carried out via a simple web interface or by operating the set top box with an infra-red keyboard. The Canvas decoders can also be operated remotely using a simple UDP command interface or a supplied Windows 2000/XP application.

canvas API

For custom development the Canvas remote control modules and API can all be licensed. The remote control module provides a mini web-server for the STB, remote control commands for TV reception (depending on STB model), video and audio playback, image display, and RS232 control (requires a modified STB).

Tools are provided for remote key-press entry and a Windows based remote control and configuration application is also provided.

