

# Powerful, Smart and Intelligent

# 4

# tvlog®

## Advanced TV Monitoring System



New TVLog G4 generation is a powerful Video Monitoring System for comprehensive management of digital assets from acquisition through ingests manipulation, archiving, ad's certification and content analysis.

### FEATURES:

- H.264 Encrypted Video Technology for Legal Copy Concept
- ✓ **Content Video Detection Technology**
- Based on Linux Fedora Core 8.0
- Compact Flash with OS and TVLog software preloaded
- Multi-Task video handling technology
- Alarms Management (audio loss, video loss, video freeze, hdd defect)

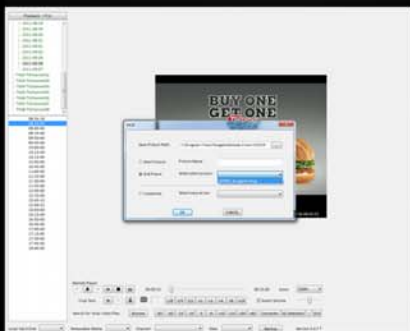
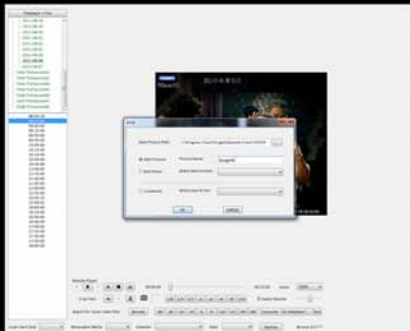
The result is a powerful tool for a variety of applications in the corporate, educational, government, advertising agencies and TV broadcast markets.

# 4

# tvlog®

## Advanced TV Monitoring System

Single Playback and Capture Screens



Content Video Detection Result Screen



## TVLog Content Video Detection

### EASY, INTUITIVE AND TOTALLY AUTOMATED

Two technologies are implemented simultaneously in order to speed up the video recognition process:

- Pixel Average Matching
- RGB Chart Matching

This technology has enhanced the speed of video matching in order to make sure that the "Remote Client VCD" Software can handle multi-channels video matching in fast forward mode.

The method is to find the start and end still picture frame of desired content.

System will check all the content in desired channel and find out all the matched still pictures. It will calculate the time interval between start and end picture (user defined) to consider successful or uncertain matching.

**Efficiently Technology.** TVLog does not need dedicated server to use the Video Content Detection feature, it can be executed directly from your desktop PC.

Content Video Detection Main Screen

Thumbnail	Job Number	Job Name	Status	Start Picture	End Picture	Start Time	End Time	TVLOG Name	TV Ch Name	Schedule Time	Accuracy
	00001	LABRADOR	Completed	50001_img001	50001_img001	2011-09-06 00:00:00	2011-09-06 23:59:59	mc4000	TV03-TVChannel01	2011-09-07 01:18:17	0
	00002	DOVE	Running	50009_DOVE	50009_DOVE	2011-08-30 08:00:00	2011-09-07 18:00:00	mc4000	TV02-TVChannel02	2011-09-07 01:18:43	0
	00003	LUX	Running	50002_LUX	50002_LUX	2011-08-30 00:00:00	2011-09-07 23:59:59	mc4000	TV04-TVChannel04	2011-09-07 02:40:00	0
	00004	ADMAIO	Running	50005_ADMIAD	50005_ADMIAD	2011-09-06 00:00:00	2011-09-06 23:59:59	mc4000	TV04-TVChannel04	2011-09-07 02:58:43	0
	00005	LOREAL	Running	50004_LOREAL	50004_LOREAL	2011-08-30 00:00:00	2011-09-07 23:59:59	mc4000	TV03-TVChannel03	2011-09-07 02:30:00	0
	00006	FI	Running	50007_FI	50007_FI	2011-08-30 00:00:00	2011-09-07 23:59:59	mc4000	TV06-TVChannel06	2011-09-07 05:30:00	0
	00007	UTR	Running	50008_LONGT...	50008_LONGT...	2011-09-06 00:00:00	2011-09-06 23:59:59	mc4000	TV07-TVChannel07	2011-09-07 05:30:00	0
	00008	qingang	Running	50001_img0...	50001_img0...	2011-09-06 00:00:00	2011-09-06 23:59:59	mc4000	TV02-TVChannel02	2011-09-07 18:06:02	0
	00009	OMG	Running	50005_ADMIAD	50005_ADMIAD	2011-09-06 00:00:00	2011-09-06 23:59:59	mc4000	TV05-TVChannel05	2011-09-07 18:06:40	0



# Enjoy... It's All Included

- **Operating System** Linux Fedora Core 8 provides an extreme stable & reliable platform for 24 hours non-stop operation of DVR. Rare "system hang up" or "system files damages" happens in the 24 / 7 operating environment. TVLOG provides the IP filtering for network security based on Linux and Compact Flash embedded OS support.
- **MySQL Server** is built-in providing a more efficient data management and faster video search (both local & remote).
- **Multi-Task Video Handling** provides smart search function resulting in simultaneous search, playback, recording and video display without delay. TVLog is utilizing DSP encoder (one DSP per channel), and taking low resources of CPU.
- **XML Interface** protocol is implemented for remote playback under Windows OS platform.
- **True Hardware H.264 Encoding.** TVLOG's "dual encoding channel technology" provides configuration for local main encoding channel and sub encoding channel for remote video (local recording and remote video can be configured independently).
- **Legal Copy Concept.** TVLOG use encrypted MPEG4 file technology. In order to maintain the integrity of the content and avoid misuse and manipulation, the "exported file" is protected. TVLOG Watermark, TV Channel name, Date and time information may be stamped on to live and recorded video signal for customer's confidence.
- **Network Remote Recording** Support mulit-users network audio video recording with small bandwidth requirement.
- **Recording Modes** can be continuous 24x7 and schedule. Recording and frame rate (fps) are independet per TV Channel.
- **Alarms Management** for audio loss, video loss, video freeze and HDD defect can be setup in the TVLOG Server with sound, on-screen display and Email notifications.

# 4

# tvlog®

## Advanced TV Monitoring System

Recording Configuration Screen



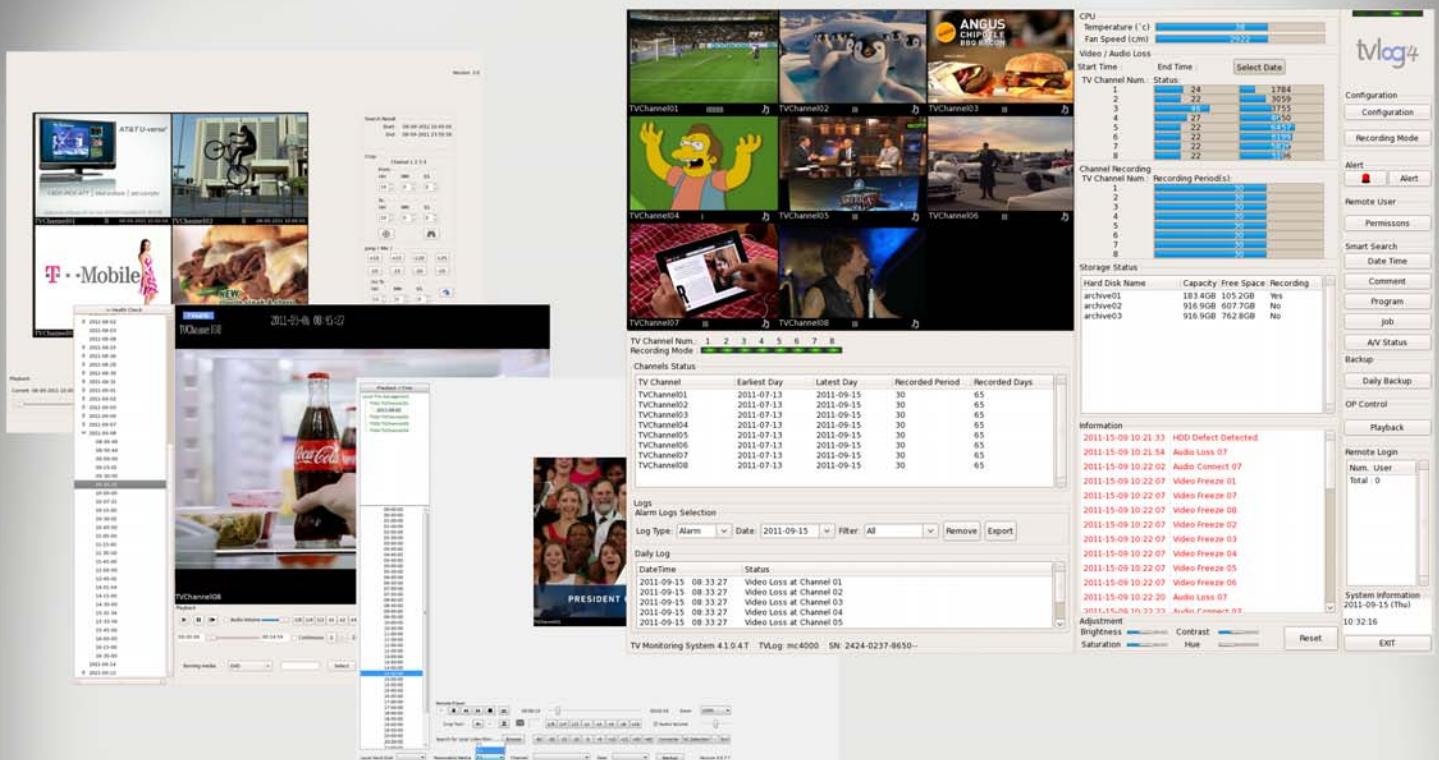
General Configuration Screen



CF Card with Embedded Linux OS and TVLog Software



We believe our ideas are a powerful tool for your business.



## KEY FEATURES AND SPECIFICATIONS

- TVLog Content Video Detection Feature.
  - Real Time Encoding & Compression with dual DSP per input channel.
  - Support local and network remote viewing, listening and recording.
  - Security First Priority via encrypted video file and OS Kernel from external access.
  - Recording Verification via disk and system health checking.
  - Simple Mouse Operation with friendly and easy to use graphic interface.
  - Bundle with remote software applications for unlimited access.
  - Managing and control users with access permissions.
  - Compact Flash Card with OS and TVLog software preloaded.
  - Alarms Management
- 
- 4U Rack Mount Chassis
  - System Models: 4 and 8 Channel Configuration
  - True H.264 Hardware Encoder
  - Video Input: Analog BNC
  - Audio Input: Mono BNC
  - Video Formats: NTSC/PAL
  - Standard Video Storage: 30, 60 or 90 Days
  - Includes Keyboard and Mouse.

**tvlog®**

**Advanced TV Monitoring System**

For further information on our products:  
 USA +1.866.662.8338 | 305-671-3188  
 info@tvlog.net | www.tvlog.net