

# XENTAURI<sup>®</sup>

## BroadcastLogger



Multi-channel – Multi-source system for

- ▶ TV/Radio/Video Monitoring and Compliance Recording
- ▶ TV Program and Audience-Ratings Analysis
- ▶ Mobile-Video with time shift function 
- ▶ IPTV/OTT applications for closed user groups
- ▶ Encoding, Streaming and Recording Applications

# Solutions

**XENTAURIX Media & Broadcast Systems are used for network/internet-based streaming, recording, and playback of TV, radio, video, and metadata in a wide variety of applications.**



## TV/radio monitoring and compliance recording

With XENTAURIX BroadcastLogger, TV and radio channels can be recorded and quickly recalled and analyzed via network or the internet. In addition to video and audio tracks, the system also stores metadata such as EPG, subtitles, speech-recognition texts, as-run-logs, bookmarks, and TV quotas audience share data. With just a few clicks, the entries can be called up through search terms, the calendar, or turbo fast forward or rewind for immediate playback, editing, annotations and clip export.

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## TV program and audience ratings analysis

With the XENTAURIX BroadcastLogger TV-Rating module, marketing, media, advertising and broadcasting companies can use a powerful query and editing application for the analysis of TV and media content. Graphical visualization of audience share data is combined with the appropriate videos for easier analysis. Many video channels can be replayed simultaneously, or several versions of content (e.g. the same channel's show every week) can be compared. This optimizes the evaluation of TV/media content by using extremely fast and intuitive search tools.



**"We do not define customers' workflows. They define our solution!"**

# TV/radio monitoring and compliance recording

TV program and audience-ratings analysis

## Mobile-TV with time-machine

Online Videorecorder NVR

TV search engine

## Information and Advanced Education



### Mobile-Video with time-shift function

The XENTAURIX Mobile-Video is a free on charge add-on within the XentauriX BroadcastLogger appliance, which delivers customer-selected TV stations and video cameras, both live and time-shifted to any mobile device. Search terms applied to EPG data and subtitles quickly retrieve recordings. This provides time-shifted playback of all channels, via the Time-Machine slider or EPB data. Time-shifted playback of content for different time zones or VoD for archived content are some of the applications.



### Multi-Channel, multi-source

The BroadcastLogger processes any number of channels from numerous different signal sources from SD/HD-SDI, ASI, analog audio/video, HDMI/RGB/DVI, IP-video plus TS streams and DVB or FM/AM antenna signals as well as metadata such as EPG, As-Run-Logs or bookmarks. The device can also be used as IPTV headend for IPTV/OTT applications in connection with the integrateable DVB-C/S/T receivers. With the existing H.264 Anywhere transcoder and streaming server streams can be displayed on all common stationary and mobile devices – live, time-shifted and as VoD.

# The XENTAURIX User Interface

The user interface supports a simple and intuitive operation. With the available tools, special customized layouts can be generated via "drag & drop" and saved as your own presets. The basic configuration of the XBL BroadcastLogger user interface includes four adjustable presets.



This user interface will excite you!



Use our GUI tools to create your own user interface.



XENTAURIX system solutions are exceptionally user friendly, intuitive and attractive.

## Tools

To modify or create an individual layout, a variety of tools is available. Such tools include e.g. Player for live viewing and playback, Calendar, Metadata, Editor, Data Graphs, Subtitles, ClipMaker, Clip-Lists and Storyboard.



### Multiscreen Layout as Example

Via drag & drop, you have access to any desired number of Players, as well as a Calendar. All selected TV channels can immediately be watched in sync, either live and/or time-shifted.



### EPG Program Information

EPG program information is recorded along with the media streams. The EPG metadata window supports flyover popup thumbnails and additional descriptive information. Doubleclick on a listed item recalls the appropriate video.

### Querying Metadata

Media can be searched and retrieved at split-second accuracy by full-text search of the metadata such as

EPG, as-run logs, bookmarks, subtitles, manual annotations and even transcriptions generated by speech recognition.

## Generating Clips

With the ClipMaker tool, clips can be generated within just a few seconds. The program title is dragged and dropped from the EPG display into the ClipMaker; beginning and end times are automatically adopted and can be modified if needed. With just a click then, the clip is generated and available for download. A single combined file can be generated from a number of clips or a batch of individual clips can be exported. The X-Producer software module with its jog shuttle enables professional editing.



### Storyboard

The storyboard is a first-class tool for searching and editing transmitted content. From within playback, it visualizes a chronological image sequence in the storyboard window, either as a separate full screen or as a subscreen in the Player.

## Configuration/Administration

Our optimally structured and laid out administration and configuration areas can be adapted both optically and functionally to the system's architecture. In addition, the status displays clearly visualize the operational status of all physical and virtual devices/modules. By double-clicking on a module, you can switch over to a more advanced level of configuration. Administration/configuration are easy to operate, self-explanatory, and can be remotely configured and controlled via standard browsers on.

# The XENTAURIX Portfolio

Three product variations are available  
for a variety of applications:



**XBL BroadcastLogger**  
Stand-alone system with  
up to 20 channels



**XBL BroadcastLogger**  
System with unlimited  
number of channels



**XBL-TS BroadcasteLogger**  
Transport stream system with  
proxy preview display

... with the future built in

# XENTAURIX Broadcaster Highlights

- Intuitive, user-friendly and well-structured user interface with new graphic elements
- Supports the common browsers
- Customizable UI (drag & drop)
- Modular and expandable
- Input signals: FBAS, SD/HD-SDI, ASI, DVB-S/C/T, FM/AM/DAB+ Radio, RGB, HDMI as well as WMV-, TS, H.264 IP-Streams
- Integrated receiver for DVB and radio, fully configurable
- Web-based playback, configuration and administration
- Full-text search functions in EPG, as-run logs, subtitles, bookmarks, optional audio transcription
- Multiscreen display for live and simultaneous playback
- Network-based time-shifted playback through patented process
- Integrated Clip Editor
- Optional native recording of streams
- Video fingerprinting
- Ring-storage configuration for each channel in days or through predefined storage capacity
- Integrated timer for scheduling recordings
- Alarm management and mail notification, system status display
- Monitoring: DVB signal analysis, loudness monitoring
- Multilingual: German, English, Arabic  
Additional menu languages upon request



#### Time-shifted replay

- ▶ the storyboard which is integrated into the Player makes fast-forward and rewind simple

## Advantages and benefits

- ▶ Multifunctional application
  - ▶ Clear and self-explanatory administration
    - ▶ The user interface can be adapted to your needs
  - ▶ Variety of search functions in metadata
    - ▶ Future safe technology; update and expansion possible at any time
  - ▶ Fast and easy generation of video clips
    - ▶ Integration of speech recognition as a module
  - ▶ No software installation for users – browser application used for playback and administration



BroadcastLogger

TV, Radio, Video, Audio and Metadata

- ▶ capture
- ▶ processing
- ▶ recording
- ▶ live and time-shifted streaming
- ▶ editing

A variety of soft- and hardware expansion modules are available for all XENTAURIX media and broadcast systems. For additional information, click on [www.xentaurix.de](http://www.xentaurix.de)



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