LogDepot Broadcast
Application Notes

ARBOR MEDIA

BROADCAST & CONFERENCE APPLICATIONS

Compliance Recording

One of the most popular application for the LogDepot system is Compliance Recording (or Legal Recording).

LogDepot has all the features that are required for Compliance Recording applications:

- Designed for reliable 24/7 continuous operation
- Recording in different qualities with different storage parameters
- Automatic storage management using cyclic buffers
- Integrated metadata recording, including RDS Data, PDC, VBI, XML, DVB Data and EPG Data.
- Support for all interfaces, including:
  Video: Composite video, SDI, analogue HF, TS-over-IP, ASI, digital HF (DVB-S2, DVB-C, DVB-T)
  Audio: Analogue balanced, AES/EBU, MADI, ADAT, TS-over-IP, ASI, digital HF (DVB-S2, DVB-C, DVB-T)
- Instant access: view content while recording with minimal delay
- Manual and Automatic Export possibilities
- User friendly and fast!

The fact that the LogDepot system is much more than "just" a Compliance Recording system, makes it very versatile: Even when the system is purchased for Compliance Recording purposes, the other applications – such as CD Recording for listener service, DVD Recording for viewer service, Audio on Demand, Video on Demand - tend to be very popular.

LogDepot is able to record each channel individually and create a low-res (proxy) stream for each of the channels, to minimize the required storage capacity and reduce the bandwidth for viewing content. But it is also possible record in high quality and choose different storage parameters for the different situation: Store the low-res file for e.g. 3 months and keep the high quality version for one week.

DVB Transport Streams can be stored natively in their original format. Powerful optional DVB analyzer tools allow you analyze every bit of transport stream afterwards.

Compliance Recording applications:

- TV Recording
- Radio Recording
- Satellite Recording
- DVB Recording
- ASI Recording
- RDS Recording
- EPG Recording

CD/DVD Production

For the automatic production of CD/DVD's Arbor Media cooperates with market leader Rimage Corporation. Rimage is a pioneer and innovator in CD, DVD, and Blu-ray Disc™ production technology.

The CD/DVD Robot module allows production of Data CD, Data DVD/Blu-ray, Audio CD and Video DVD/ Blu-ray.

The Rimage products usually have multiple input bins to support mixed media burning and printing.

General advantages of using CD/DVD production include:

- Cost Saving: Creating Audio and Video CD/DVD's with a few mouse clicks saves an enormous amount of time and costs
- Corporate Identity: All produced CD/DVDs have a professional look
- Automatic logging of CD/DVD production (who produced which Disc and when)

Broadcast stations have various applications for CD/DVD production:

Listener/Viewer service
A LogDepot with CD/DVD production system allows easy and affordable production of CD/DVD upon request from listeners/Viewers. And it is no longer an (expensive) technical task; everyone can do the job!

Archiving
Automatic storage of audio/video content on CD/DVD may provide a low-cost, easy to maintain and use audio/video archive: 24 hours of high quality audio will fit on one Data DVD and 24 hours of decent video quality fits on a Blu-ray disc.
Arbor Media provides a free Eplayer application, that can be burned with each DVD, so that the DVD not only contains the Audio/Video Material, but also shows archived metadata.

Internal Service
An internal service to allow reporters, editors, managers to create their own required discs, will save considerable amounts of time to your internal staff. And makes their life a lot easier!

Talkshow Guest service
Create a professional looking CD/DVD immediately after an interview with an important guest and hand it over as thanking gift: A nice gesture and professional presentation of your station.