

MONITORING DVB-ASI



THE CUSTOMER

AB Group is a leading supplier of thematic channels to the digital pay-tv market in France.

The Group operates more than 15 channels, including RTL9, AB1 (fiction and series), AB Moteurs (motorized vehicles), Mangas, Animaux (Wild life), AB3 and AB4 in Belgium, and much more.



THE CHALLENGE

In order to make sure that Astra, Atlantic Bird and Hot Bird satellites are properly distributing its bouquet, AB Group needs to capture and monitor the DVB-ASI signals coming from the three satellites.

Signals should not be processed in order not to distort the post hoc analysis.

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THE OPENHEADEND SOLUTION

The OpenHeadend solution seamlessly records 24/7 the TS streams coming from the transponders and preserves all signalling information (PSI, DVB-SI including the service list and programmes guide), scrambling (including EMM and ECM tables) as well as all elementary components related to services, video, audio, sub-titles, interactive applications and downloading services.

Each bundle is precisely time-stamped in order to speed up the analysis process. Extractions can be automated thanks to the powerful embedded HTTP REST API, while the resulting files can be transferred to a NAS via FTP, NFS or CIFS. No need for re-multiplexing or re-encoding.

The OpenHeadend flexible solution records the signals as they are received and immediately make content available in the MAM platform to identify potential right management, conditional access or encryption problems.



THE RESULTS

The OpenHeadend solution allows AB Group to constantly monitor all satellite streams without signal processing and at a very competitive price.

adds flexibility to the broadcaster workflows and allows him to manage additional tasks.

“ Relying on commodity IT hardware, the OpenHeadend solution is very cost-effective. Only 2 servers are required to operate our complete monitoring workflow. ”

“ In addition to the satellite monitoring planned, the same platform enables us to log other channels of the Group, channels that we receive or deliver via a fiber optic link. Furthermore the solution proved to be a true Swiss Army knife thanks to a third dongle that allows us to encode, transcode, route video streams, broadcast, and more, when necessary. ”

Gaël Turlan
Distribution Channel Manager
at AB Group



Boasting impressive processing capacity and superior video quality, the OpenHeadend solution

Beyond the solution deployed, it is a true partnership relationship that AB Group and OpenHeadend initiated.

“ OpenHeadend Teams are always available and willing to adapt their solution to our specific requirements and we know that we will be able to benefit from their outstanding expertise for future projects. ”

Want to know more?

Many customers rely on the power, flexibility and reliability of the OpenHeadend solution for their mission-critical operations, including France Televisions, France 24, NRJ, M6, AB Group, TRACE, Grand Lille TV, Yacast, IBM, and much more.

To find out more, contact OpenHeadend:

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