Etere SQL & Archiving Management for Inter Channel

Inter Channel choosen again Etere to modernize his system.

Inter Channel Company Logo

Inter Channel system

Inter Channel, the pay TV of the Inter football club, after 6 years that already runs with ETERE Automation has decided to modernize and expand the playout system again with ETERE.

To understand better the different technologies we compare the old and the new systems.

Before:
they used the old ETERE version based on DBF archive. For 6 years they have gone on-air without redundancy (a real test of Etere Automation reliability) but one whichever problem also hardware could influence the on-air. Etere controlled one SeaChange BMS video servers.

After:
upgrade to Etere with SQL engine for archives management.
Introduced a 2nd SeaChange BMS configured to have a redundancy video server system (Main and Backup).
Thanks to the Etere Recording versatility the asset is ingested at the same time on both the video servers.
Introduced a 4TB disks array (equal to 1'100 h @ 8Mbps Mpeg2 approximately) in RAID 5 with a disco hot spare on board, used as archive near on line and as expansion ability of the video servers.

The archive/expansion system is integrally managed by Etere Media Manager software able to:
- record automatically into the storage the clips chosen by the customer a/o a defined type of material
- automatically restore of the archived clips necessary to go on air based on the playlist created by the operators, on the video server Main and on the Backup.

Installed Etere TV Automation Clone to guarantee the continuity of the emission in break case of the main decoder, the video server Main or the main PC for going on air.

Etere Automation manages the playout at the same time and synchronized to the frame of the scheduling using 2 different decoders of 2 different video servers. In case of problems on the main playout, Etere Automation Clone automatically and instantaneously take over to guarantee the video playout without black frames.

ETERE System controls:
- 2 SeaChange BMS video servers
- 1 matrix
- 1 master control
- 1 logo generator
- 1 system of diagrams multicast (controlled via GPI)

In the new configuration Etere allows to the Inter Channel's operators to manage two Cartwall/Jingle Machines useful to put on-air the contributions 'on the fly', during the lives and toward the studios.

Primiano Panunzio technical consultant of inter channel says:
The upgrade was part of our commitment to improve the channel functions and reliability.
The use of an external IT storage instead of a bigger videoserver give us a huge space with a good value for money.

Thanks to ETERE to provide this innovative configuration we were able to improve the channel value within our budget.