

Media Management : a bridge between the varied radio fields

Media Management is an automated software server which can be installed as a component of Radio-Assist 7 digital-audio system. The aim of this automaton is to secure at the very most each radio field : production, planning and broadcast. It automatically carries out the transfer and the monitoring of documents from one field to another.

The client applications connect to the service and communicate the information relative to each element modification of the database. These information are communicated in a signal form, each signal identified by Media Management releases an appropriate operation. Each operation which responds to a signal is configurable given the fact that Media Management owns a library of possible operations. For instance, when a user validates an element as « being Ready to Broadcast » (RTB), the signal sent to Media Management automatically releases a copy of the file on the broadcast server. This enables to create and to feed a new database dedicated to broadcast which thus strengthens the security of this field.

The operation of Media Management is totally transparent and provides the user with access to the required documents whatever their locations in the system.

In the future, it will be possible to apply other numerous uses to Media Management as it is completely configurable. These parameters apply to a great number of actions linked to the various tools. For instance, a validated element as « RTW » (Ready to Web) will be able to release the automatic generation of a XML file and to insert it in a specific server for the Internet.

Media Management operates in two modes : synchronous and asynchronous. In synchronous mode, when a 'RTB' element is being modified by the production, Media Management automatically updates the element for broadcast (in real time modifications). In asynchronous mode the modifications done on a previously 'RTB' validated element are not transferred for broadcast.

The presence of this automaton favours the creation of different fields specialised according to the activity type (production, on-air planning, broadcast and archiving). Each field benefits from its own structure : server and database. This splitting of activity generates several independent subsystems and thus ensures a better security over the whole.