AEQ

MAR4Win

INFORMATION MANAGEMENT, AUTOMATION AND HANDLING SYSTEM.

MAR4Win is the most advanced automation, management and broadcasting system for professional radio broadcasting. It includes the most powerful tools for performing all the usual tasks in a radio station.

From MAR4Win, in, audio, texts, and lists can be created, edited and broadcast. The application recognizes these three types of information as Objects, and they are stored in large information repositories called Managers. These managers may be available to all users on a network, at a user's terminal (local) or on removable units (CD-ROMs, magneto-optical disks, etc.).

Apart from its functionality and its user friendliness, this application stands out because of its adaptability to diverse broadcasting environments.

Therefore, this system's ability to combine single- and multi-track audio editors, news agency services, automatic report recorders, continuity recorders, program creators and broadcast support, distinguished it from its competitors.

BENEFITS AND SPECIAL FEATURES

- 32-bit native, for NT and Windows 2000 operating system. Application and operating system security.

- Uses Digigram cards with the new 32-bit np driver, capable to handle up to 4 professional audio cards per computer.

- The Cue function is performed by the standard multimedia audio card, with the obvious saving of one professional audio card.

- The E@sy bus facilitates the integration and control of external AEQ equipment into the System, such as multiplexers, audio encoders/decoders and digital audiomatrixes.

- E@sy-to-use system, adapted to user knowledge.

- Audio broadcasting from local and remote computer units.

- Complete integration of audio, texts and images into one single file, facilitating the radio production work.

- Adds advanced capabilities for the integration of automated advertising and its management.

- Saves time in importing and recording audio.

- Incorporates configurable information storage , accessible from anywhere in the network.

- Allows any type of communications (STN, ISDN, Internet, etc.)

- Flexible and easy to set up user rights enhancing security and system controls.

- Constantly evolving system, adaptable to new radio broadcasting needs.

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- **MAR4Setup** is the management module from which work options and configuration mechanisms are set. From **MAR4Setup**, work and user groups are created with different profiles and possibilities, such as, for example, permissions for editing, creating, deleting objects, etc. **Mar4Win** options such as the creation of managers, players and audio quality control can be configured.

MAR4Setup is accompanied by data protection tools: **MAR4Bakup,**, **MAR4Repair,**, **MAR4Erase** and the report generator **MAR4Data.**. All of them are offered free of charge when purchasing Mar4Win or any other automation module.

AUTOMATION MODULES

> *The optional automation modules offered by the Mar4Win are specialized application for a wide array of broadcasting needs such as editing, remote telephone recording, handling news agency services, recording from CD´s, teleprompter and automation programming capabilities.*

MAR4News   NEWS EDITING SOFTWARE

MAR4News, is an application intended mainly for journalists. Basically, it works as a high-capacity agency news (teletype) server, both because of the number of news agencies it works with as well as because of the volume of teletypes. It allows a text to be transformed so that the writer can modify it (adding or deleting text), as well as including audio statements.

MAR4Remote   DISTANT VOICE RECORDING.

MAR4Remote, is an application that allows automatic voice recording through telephone lines into the **Mar4Win** system. It allows up to 4 phone lines per card, up to a total of twelve phone lines per computer station.

MAR4Edit and MAR4Multitrack   DIGITAL AUDIO EDITORS FOR MAR4WIN

MAR4Edit and MAR4Multitrack, are two digital audio editors that belong to the group of applications that do what is known as non-linear and non-destructive editing. This means that editing is not done sequentially, as it would be done in an analog-tape-based system. Editing work based on pointers, memory addresses, etc., allows countless reversible operations without cutting ormodifying the original file.

MAR4Edit handles 2 simultaneous audio tracks and **MAR4Multitrack** handles up to 32 tracks.

MAR4Schedule   SCHEDULING AND EDITING MODULE

MAR4Schedule, is part of **MAR4Win's** OPERATES SIMILARY TO THE **Mar4win** but with the main different that it does not have a professional sound card, so it cannot broadcast or record. It allows program directors and journalists to make play lists and write news, as texts and play lists can be edited.

MAR4Studio — MODULE FOR RADIO ANNOUNCERS

MAR4Studio, is an application primarily intended for radio announcers. It basically works like the teleprompters normally used for television, incorporating a list of objects that are going to be broadcast in the Mar4Win and a window that gives access to MAR4Win's information managers. MAR4Studio allows announcers to quickly and simply access the information that is going to be broadcast. They can view the list of objects that are going to be broadcast, have information about their duration, and read news or messages, assisted by a teleprompter system. Thus, the need to take papers and pens into the studio is eliminated and it is possible to include last-minute content or messages on the announcer's screen with no need to enter the studio or disrupt the announcer's work with long messages through the talkbackmicrophone.

MAR4Cont
MAR4Mark — MODULE FOR THE CONTINUOUS RECORDING, INTRANET BROADCASTING AND EDITING OF CONTINUITY AUDIO

MAR4Cont performs multi-channel recording. It allows references or marks to be taken from recorded audio files. It is also possible to disseminate recorded files in real time, through an Intranet, and send them to the journalists.

The MAR4Mark application select and extracts audio fragments recorded in the MAR4Cont.

MAR4Cont server is sold with the MAR4Mark and it is a continuous and autonomous recorder and also acts as an audio distribution server. Likewise, the MAR4Cont Client is sold with the MAR4Mark to monitor, create and edit files fed by the Mar4Cont server.

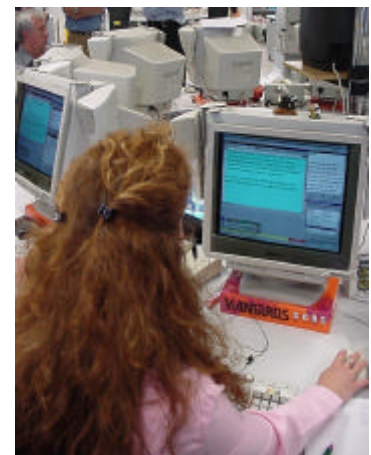# MAR4Autolist — AUTOMATIC PLAY LIST GENERATING SYSTEM

MAR4Autolist is provides the necessary tools to create, classify and process automatically the play list to be broadcast. The selectable criteria in the program uses the recorded music library in the system hard disk to provide automatically the music programming. With this optional module the data for musical files are kept updated, automatically create play lists and generate reports with all the activities handled by the MAR4Autolist.

MAR4Traffic — ADVERTISING AND INVOICING MANAGEMENT MODULE.

MAR4Trafic takes care of scheduling advertising and the commercial management of the Radio Station.

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MAR4Dac

DIGITAL AUDIO COPY FOR MAR4WIN.

MAR4Dac is an application designed to automate two different tasks: on the one hand, digital extraction of audio tracks from CD´s , and on the other hand, their later conversion into MAR4Win audio objects. Mar4Dac automatically fills in the title, artist, duration and size fields for each file through an Internet connection to CDDB database.
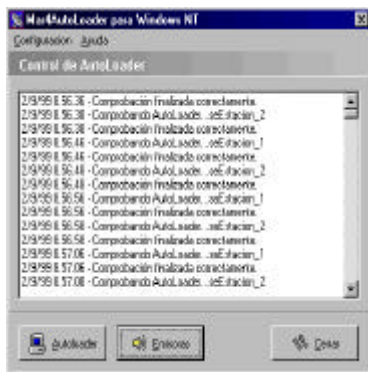

MAR4Weather

MODULE FOR INTEGRATING THE WEATHER STATION INTO MAR4WIN

MAR4Weather is an application that allows Mar4Win to gather data directly from a weather station to fully integrate it into the broadcasting system. The weather station gathers several atmospheric values, such as: temperature, relative humidity, wind direction and speed. Mar4Win allows manual or automatic broadcasting of the weather data.

MAR4Autoloader and Telecomand

AUTOMATIC MANAGER AND REMOTE CONTROL RECEPTION MODULE

MAR4Autoloader is the program responsible for managing the group of objects that make up a particular automatic or remote controled broadcast.
As far as Remote Control is concerned, in a radio broadcasting chain, the need arises to act on Mar4win and other audio sources, to start them up or stop them according to programming needs. We have personalized remote control systems for different needs (contact closure, continuous data channel, DTMF, switching between programs, auxiliary devices, etc.), all without the physical presence of an operator.