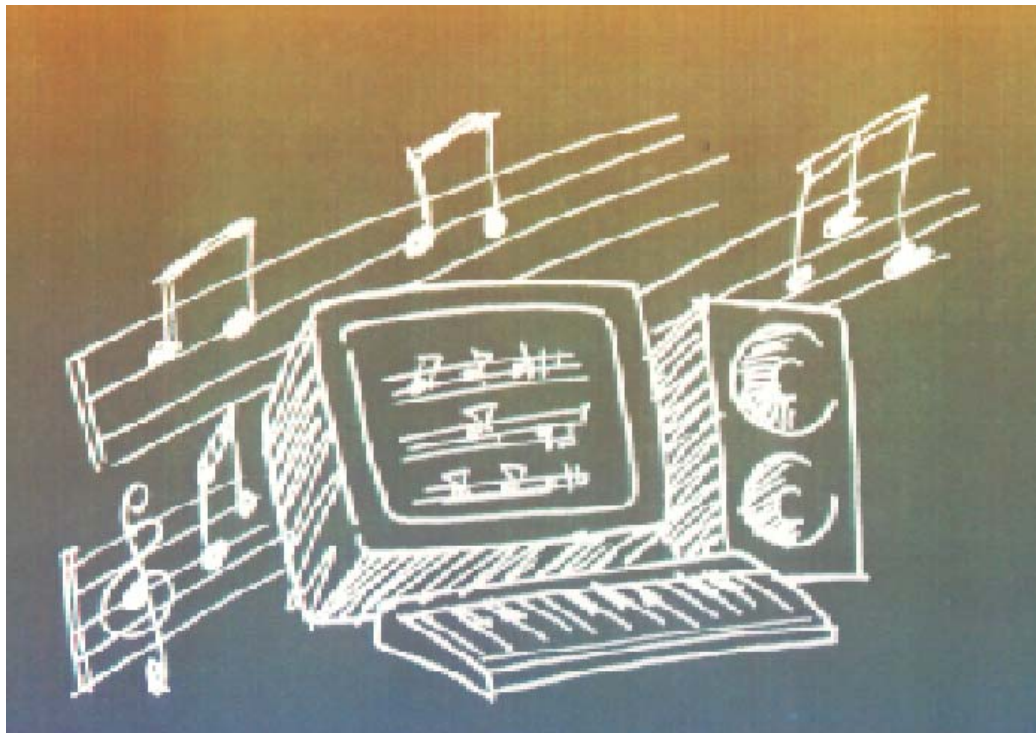


SCHEDULING SOFTWARE
Channel your creativity into playlists



OVERVIEW

Radio programs are made of **various types** of audio production produced by different teams and tools.

The **scheduling** software proposed by NUMISYS is able to create and collect **Music, Jingles, Commercial and News** playlists.

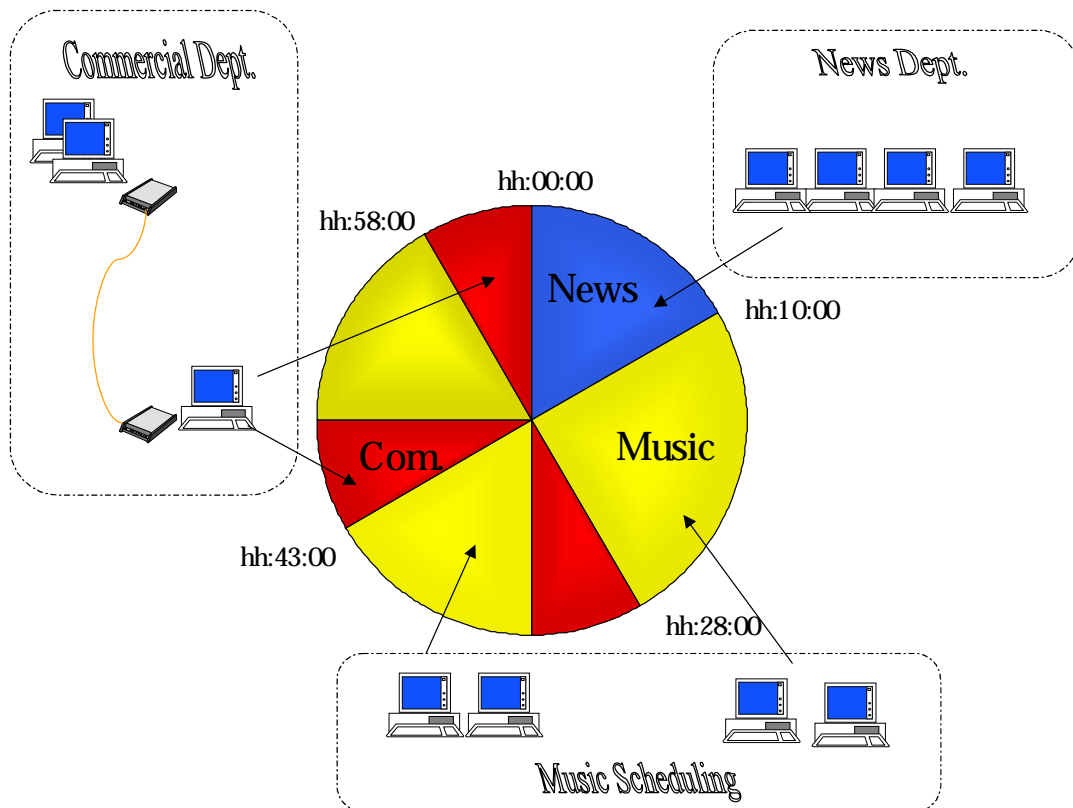
Offering a powerful access right management, it enables to different users to build and check the final playlist in a **multi-user** and **multi-program** environment.

FUNCTIONS OF THE SYSTEM

The functions provided are:

- Creation of playlist templates based on a hierarchical model
- Definition of access rights by show or block
- Management of various types of steps (HD, CD, External contributions, Texts, ...)
- Automatic scheduling
- Assisted Scheduling with direct access to DataBase and Monitoring module
- Import of Music and Commercial playlists
- Audit of playlists before transmission to on air rooms
- Generation of transmission report with possible post process (accounting, maintenance, ...)

Multi-user Management



The NUMISYS Scheduling software is designed with a multi-user approach.

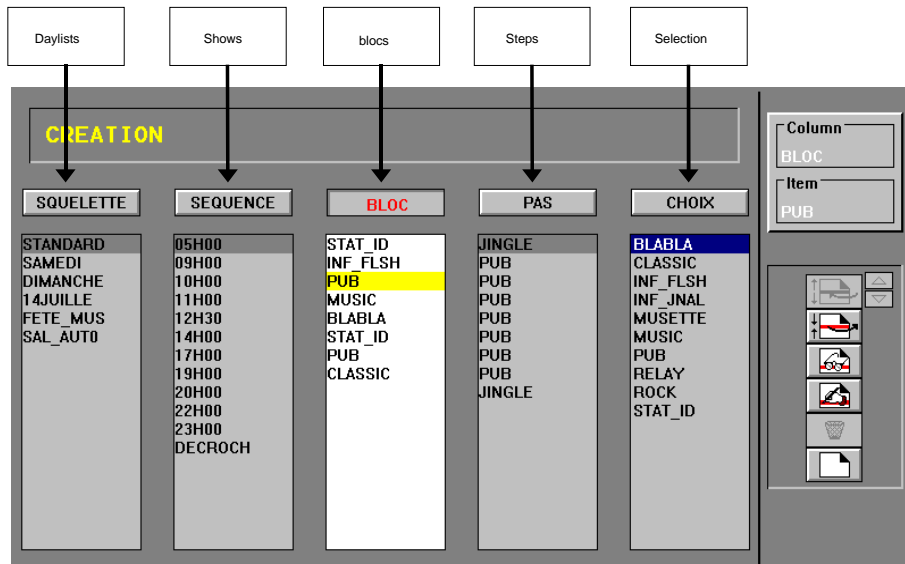
The main features proposed are:

- Definition of access rights for the different shows and bloc (ex: Music, News, Commercial, ...)
- Possibility to work on the same block at the same time for different users
- Dynamic calculation and refresh of edited playlist
- Possibility to modify a playlist on air

Global view of the whole daylist with direct index to show, blocs and steps

Playlist Templates

The software allows to create playlist templates based on a hierarchical model: day, show, block, step.



Different templates may be created and used by the user to create and fill the final playlists.

Types of Steps

Numisys Scheduling Software is able to deal with various nature of steps:

- HD Audio items (News, Jingle, Music)
- Audio CD Titles
- External Contributions (Telecom lines, Other program, Microphones, ...)
- Control of Equipment (relay contacts)
- Texts

Each step may have also different characteristics:

- Auto or Manual transmission
- Fixed or Floating time
- Secured with emergency steps
- Filling step allowed
- Triggered with relay contacts

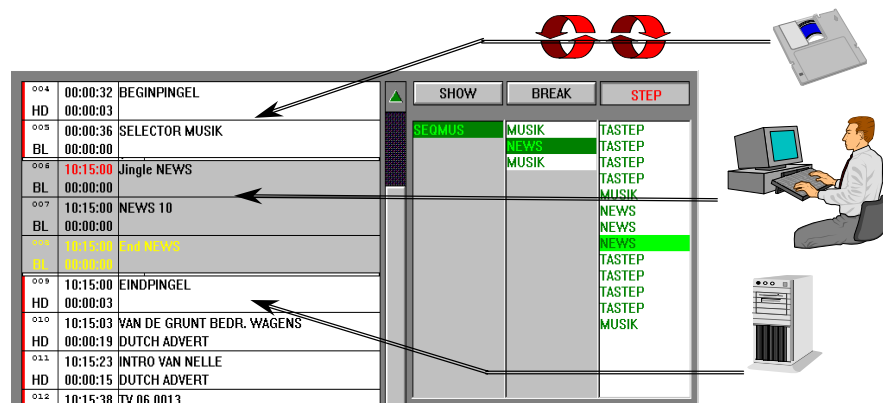
Types of Playlists

The scheduling software is able to manage 3 types of playlists:

- Daylists since associated to a program and a date
- Auxiliary lists used for news and jingle stacks
- Emergency and Filling lists

Definition of Playlists

Playlists may be filled in 3 different ways:



- Automatic Scheduling with:
 - rotation of titles
 - management of exclusion according to artist, category, period of time
- Assisted Scheduling with:
 - direct access to the Audio Database
 - automatic preselection according to pre-defined criteria
 - direct interface with the monitoring module
- Configurable import of Music and Commercial playlists with:
 - Automatic creation of audio cards in the database
 - Automatic split of imported playlists to fill blocks in the program playlist

Transmission Reports

The scheduling software provides a transmission reports based on actual on air operation.

The following events are logged:

- Start time
- Theoretical duration
- Actual duration
- Title identification
- Category of item

Début	Durée	Joué	Piste	Catégorie	Titre
18:27:36	00:00:08	00:00:08	340	ANNONCE	0050DE05-05
18:27:45	00:00:12	00:00:12	342	ANNONCE	0002AN03-03
18:27:58	00:00:11	00:00:11	343	ANNONCE	0002DE03-03
18:28:09	00:00:19	00:00:18	344	ANNONCE	0003AN01-05
09:53:16	00:00:08	00:00:08	340	ANNONCE	0050DE05-05
09:53:24	00:00:12	00:00:12	342	ANNONCE	0002AN03-03
17:23:34	00:00:24	00:00:24	188	AUTOPROM	VOYAGE
17:23:59			0		Enreg Non Trouvé
00:00:00	00:00:19	00:00:19	344	ANNONCE	0003AN01-05
09:53:37	00:00:11	00:00:11	343	ANNONCE	0002DE03-03
09:56:31	00:00:03	00:00:02	0		RELAIS 1
09:56:34	00:00:19	00:00:19	216	PUB NAT	PUB
00:00:00	00:00:19	00:00:19	344	ANNONCE	0003AN01-05
09:56:53	00:00:24	00:00:24	188	AUTOPROM	VOYAGE
09:57:18			0		Enreg Non Trouvé
10:00:36	00:00:03	00:00:02	0		RELAIS 1
10:00:39	00:00:19	00:00:19	216	PUB NAT	PUB

All the data associated with the audio title as well as the timings may be exported to post processing tools based on Microsoft softwares.

TECHNICAL SPECIFICATIONS

Minimum configuration required

- PC Pentium 166Mhz 16 MB RAM
- 500 MB HD required for software & database
- WINDOWS 95

Audio Monitoring

PCX20, PCX9 PB, PCX9 PB/REC