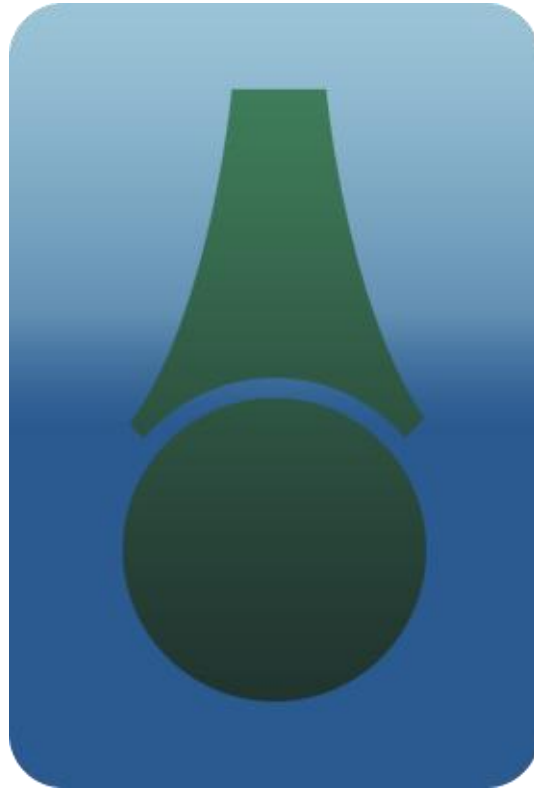


USER MANUAL

Ver.1.0.0.9 – JAN 2016

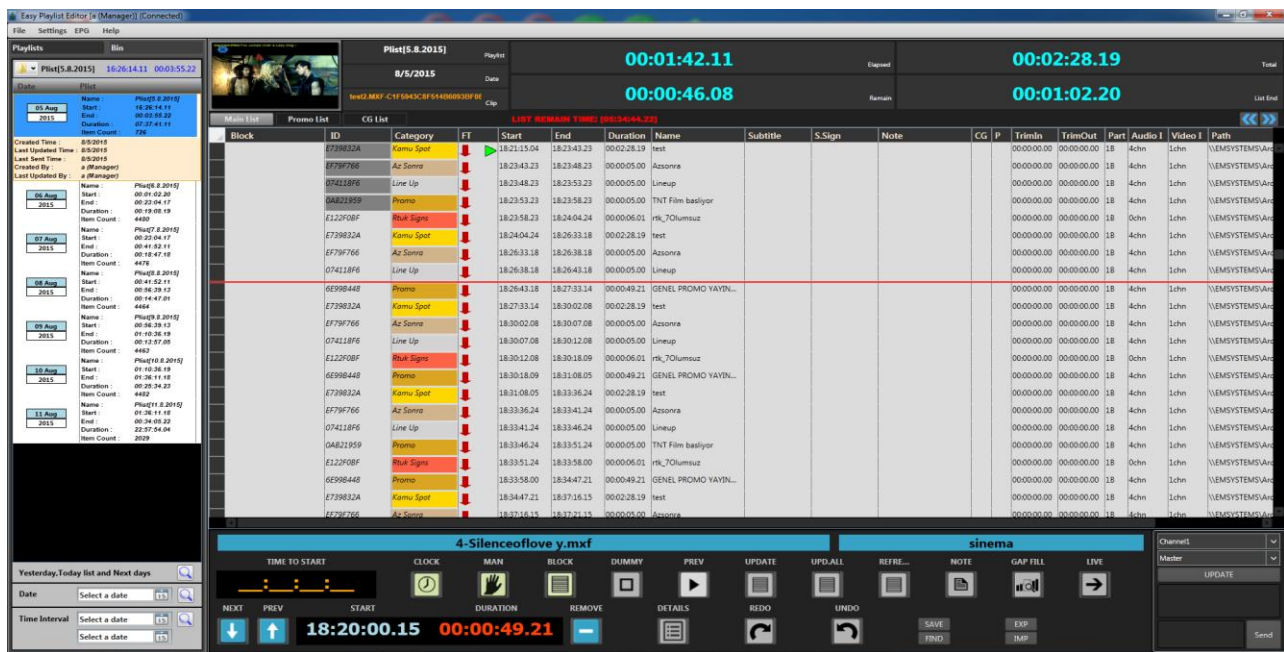


Easy Playlist Editor



EMS EASY PLAYLIST EDITOR

Easy Playlist Editor is an user friendly software,that helps the users to create quick playlists offline-single or multiple playlists. It is fully integrated with the EMS Automation (Easy NetControl, Easy MAM and EasyQC) which makes the process of going on Air-easy, fast, professional and totally automated.Playlists can be prepared as per different criteria and parameters that the customer set in our Easy Mam and Easy Traffic.



HIGHLIGHTED FEATURES

Easy Playlist Editor has 3 different working Modes;

Live Mode; Used to control Easy OnAir instantly by the help of Easy NetControl.

Offline Mode; Even there is no connection between the Easy OnAir and users, users can prepare playlist and can save it to local or network place.

Online Mode; Easy Playlist is connected to Easy NetControl and can get the current playlist, can change playlist and can update playout playlist by selecting the channel number.

Sample Graphics User Interface of EMS Easy Playlist Editor;

- User Authentication Protected
- Easy to search and find items via Easy MAM and drag and drop to the list.
- Gaps are shown for fixed time items.
- Live inputs, GPI triggers, Stop and Wait Events can be added to the list as item.
- Park some part of the list on Easy OnAir.
- Overlaps and Gaps can be shown at different colors
- Category of files can be shown at different colors.
- Auto-save of playlist, Export or import of playlists or if user has authentication can directly send to Easy OnAir.
- Unlimited schedule playlists can be created.
- Logs for software and users as separately
- Select multiple files and drag and drop inside the playlist.
- Trim the selected files by watching, and select the audio channel as mono or stereo from 16 channel audio and listen selected channel.
- Check the quality check result of selected file.
- Virtual File can be used as item inside the playlist.
- Assign the parental controls for movies.

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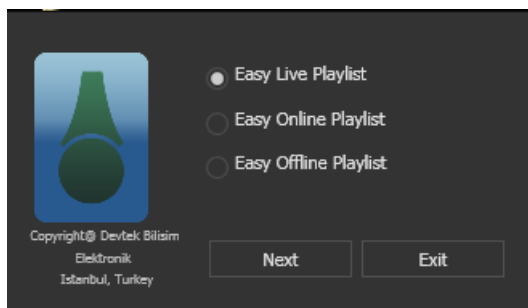
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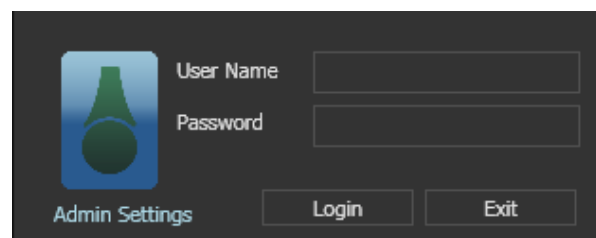
1.SETTINGS

1.1 User Settings

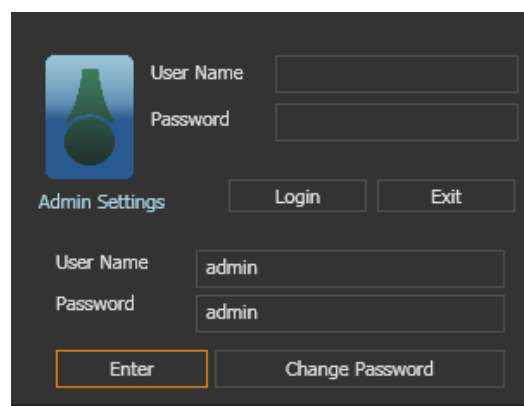
After mode selection (Graphics 1) enter user name and password (Graphics 2). Admin setting allows users to create user groups and user,managing users,change language etc.(Graphics) Default admin user name and password “admin”(Graphics 3)



Graphics 1 : Mode Select



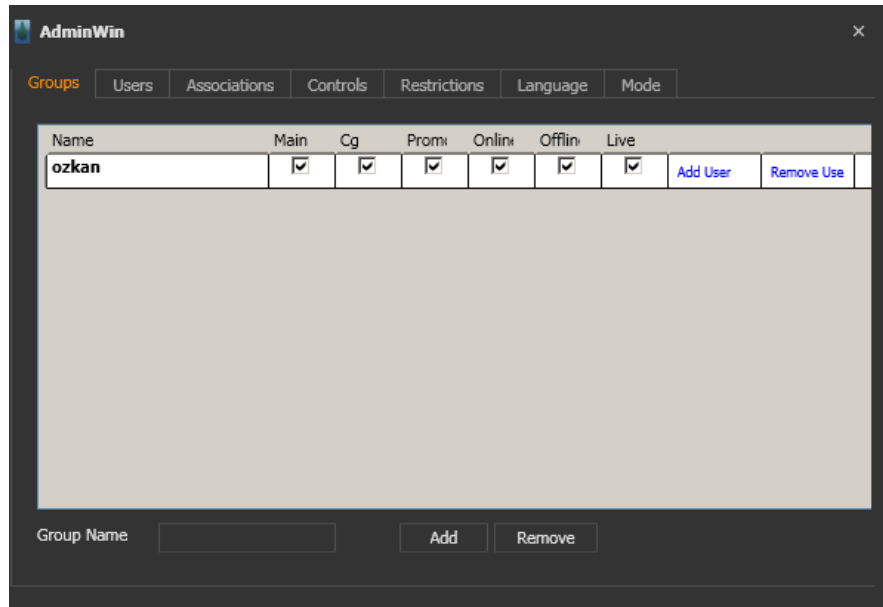
Graphics 2 : Admin Settings



Graphics 3 : Admin Password

1.1.1 Groups

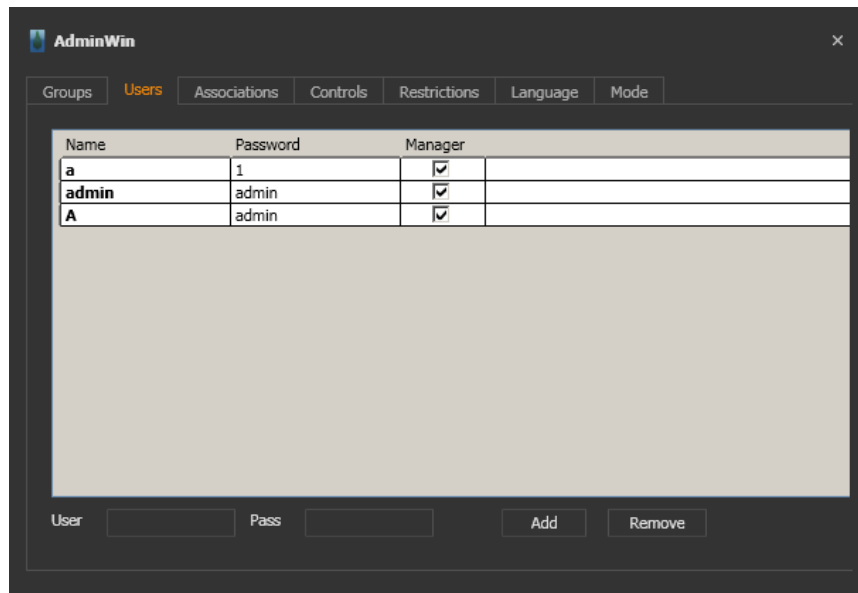
This menu item allows admin to adding and editing groups.(Graphics 4)



Graphics 4 : Group Settings

1.1.2 Users

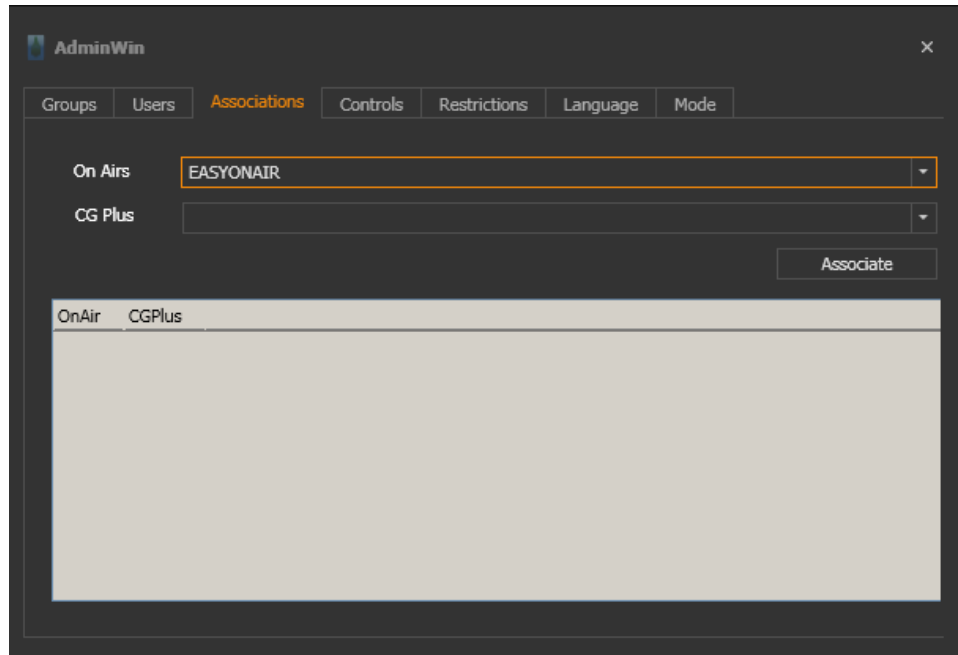
This menu item allows admin to adding and editing users.(Graphics 5)



Graphics 5 : User Settings

1.1.3 Association

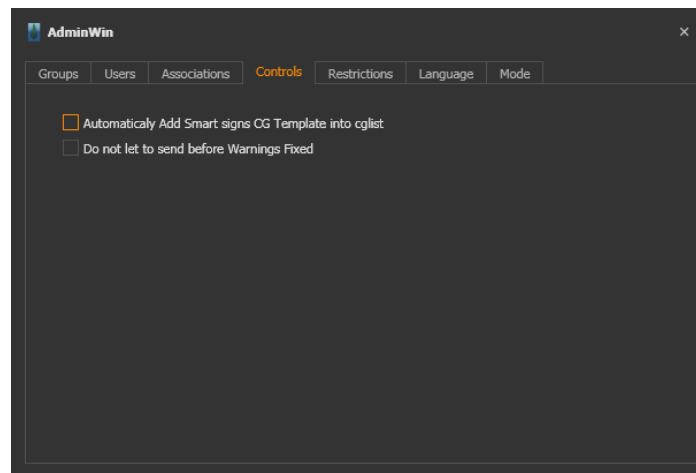
This menu item allows admin to associate playout and cg .(Graphics 6)



Graphics 6 : Associations

1.1.4 Controls

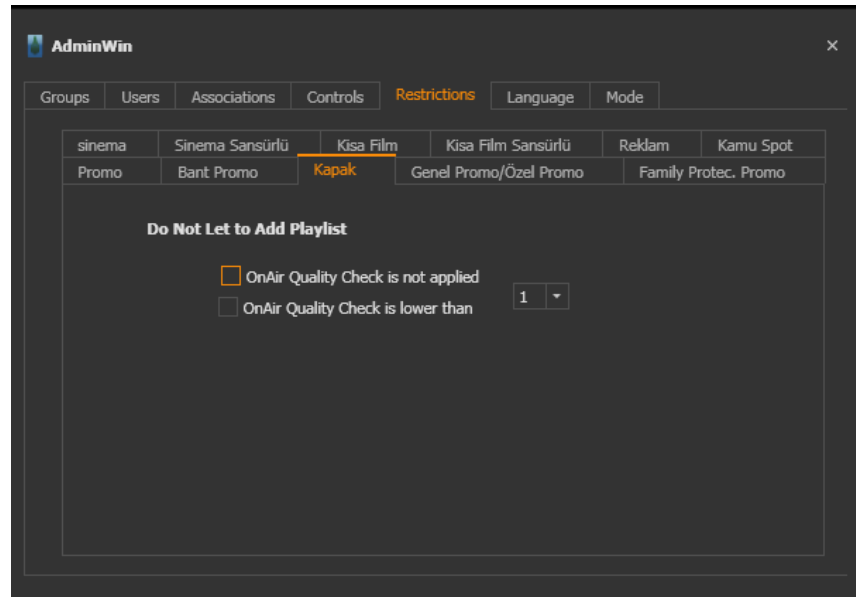
This menu item allows admin to control smart signs .(Graphics 7)



Graphics 7 : Controls

1.1.5 Restrictions

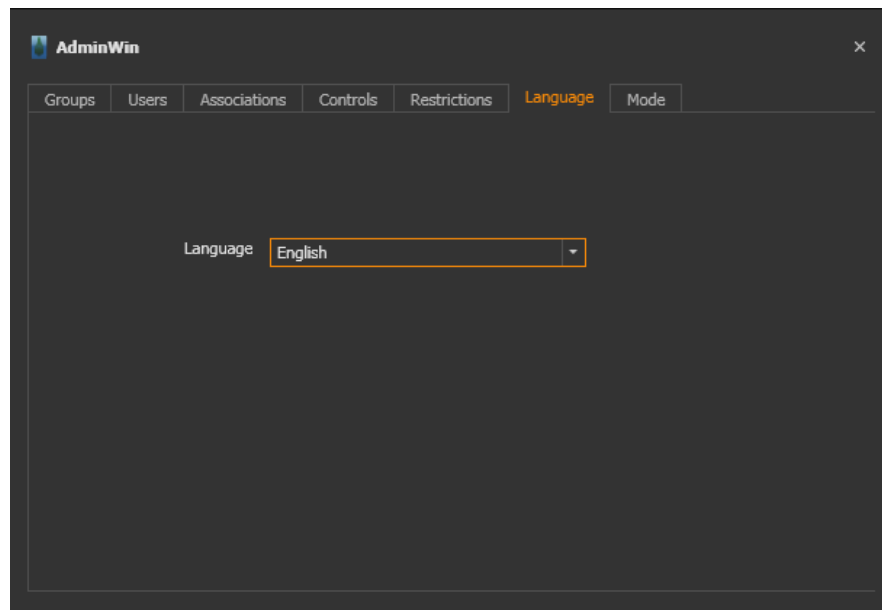
This menu item allows admin to restrict video files if their quality is not enough (Graphics 8)



Graphics 8 : Restrictions

1.1.6 Language

This menu item allows admin to select language (Graphics 9)



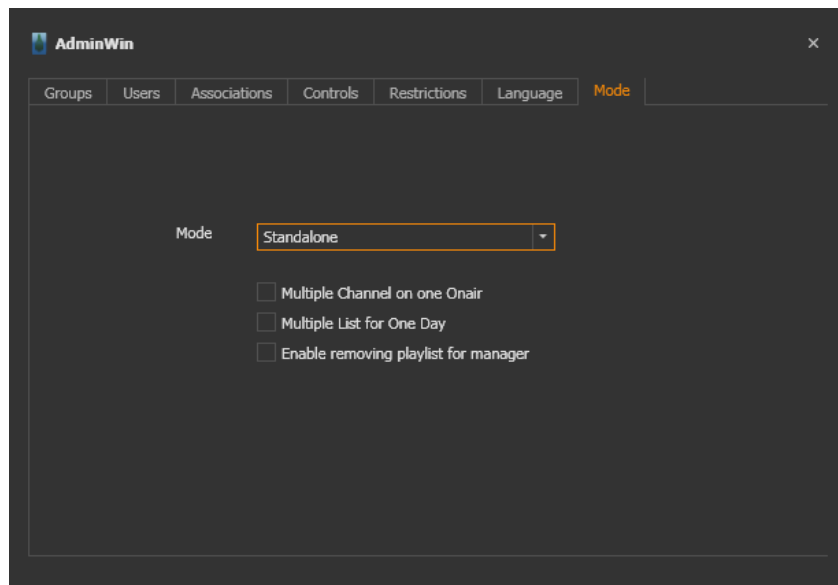
Graphics 9 : Language settings

1.1.7 Mode

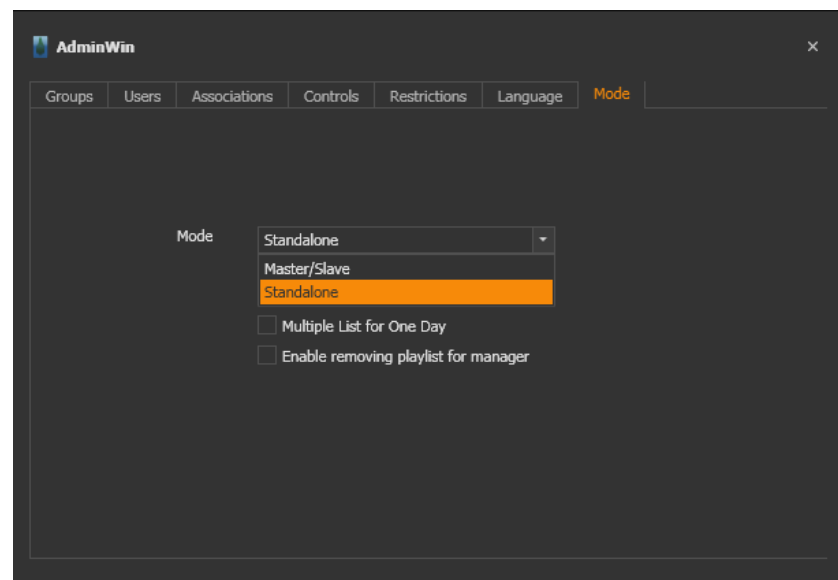
This menu item allows admin to select mode.(Graphics 9)

Master/slave mode has two option when thick “Multiple List for One Day” more than one playlist can send playlist in a day.If select “Enable removing playlist for manager” user can remove playlist from manager.

Standalone mode has three option.Two option are same with Master/Slave Mode. Different option is “Multiple Channel on one Onair”. If selected this option



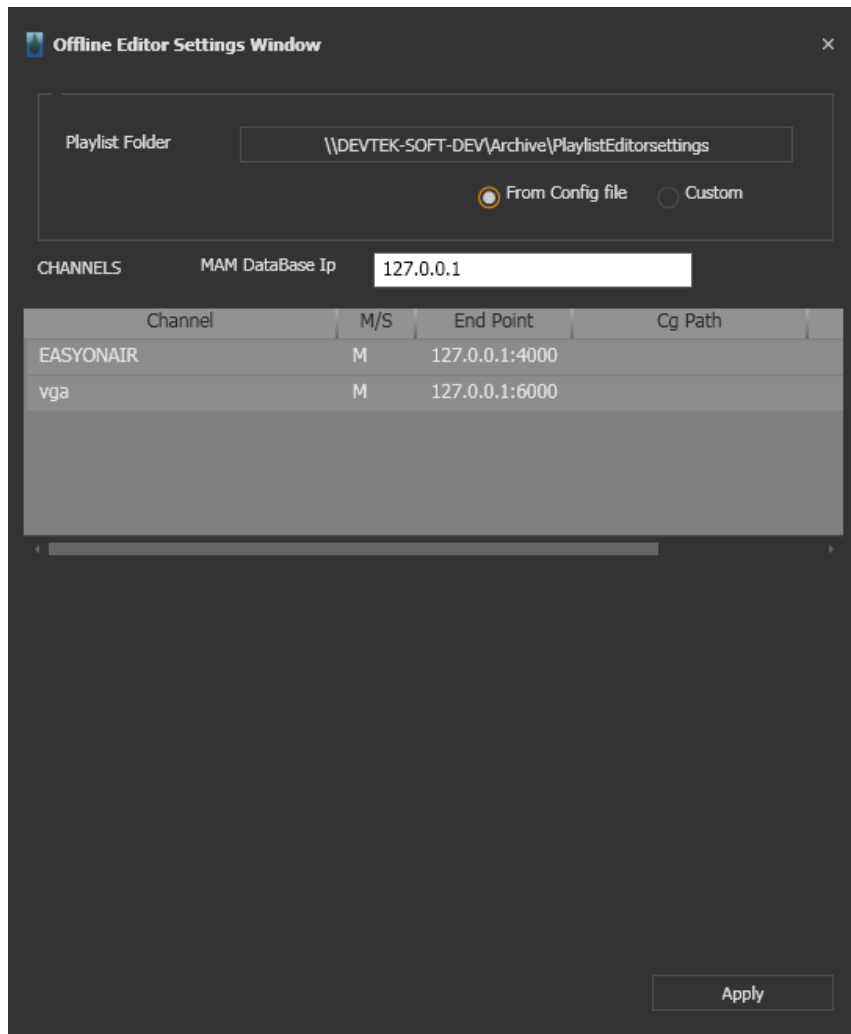
Graphics 9 : Mode selection



Graphics 10 : Mode selection

1.2.Offline Mode Settings

When setup EasyPlaylistEditor must set offline editor for once Playlist Editor submit two option for users. If select “From Config file” Playlist editor get settings automatically. .(Graphics 11)

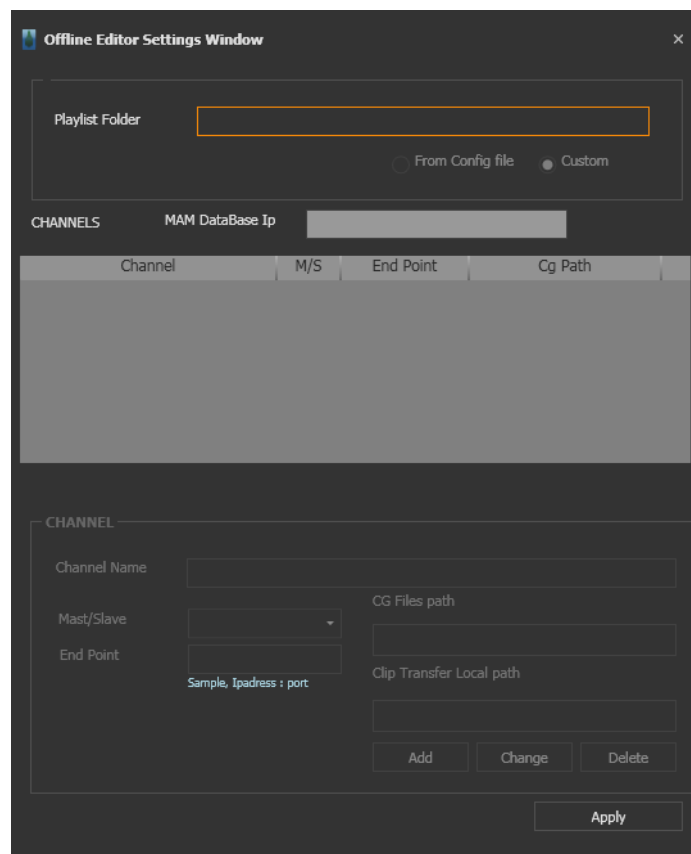


Graphics 11 : Offline editor settings

When select “Custom” user must enter settings manually.(Graphics 12)

- **Playlist Folder** : Where want to save edited playlists.
- **MAM Database IP** : Ip adress of server where database is hosted
- **Channel Name** : Naming Playout
- **Mast/Slave** : Mode selection of playout. Master or Slave
- **End Point** : Playout’s adress. Ip adress:Port number for
example 127.0.0.1:4000
- **CG Files Path** : Where CG files hosted
- **Clip Transfer Local Path** : Where want to transfer video files server to local disk.

After enter informations click add to save channel.If want to add new channel repeat these operations.



Graphics 12 : Offline editor settings

2. Live Mode

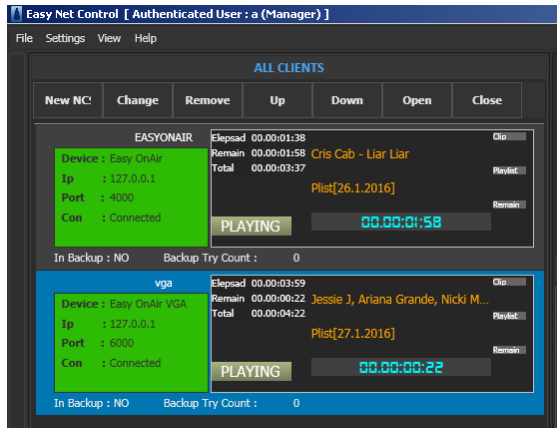
At live mode playout can control and playlist can edit online. For using EasyPlaylistEditor must use EasyNetControl.



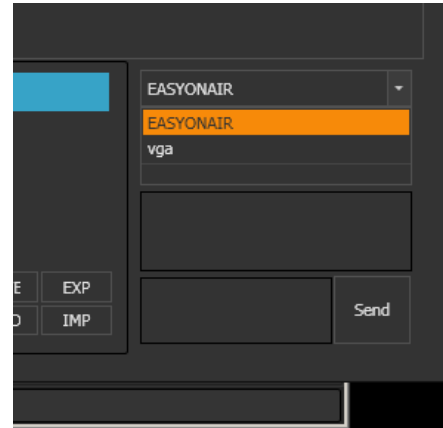
Graphics 13 : Easy Playlist Editor Live Mode

2.1. Playout Selection

Before editing a playlist must select playout which is want to edit or control. To select playout click playout name on the right bottom. (Graphics 15). What name give at the Easy Net Control will see at playout selection tab. (Graphics 15)








Graphics 14 : Easy Net Control Playout Names



Graphics 15 : Playout Selection

2.2. Controlling Playout

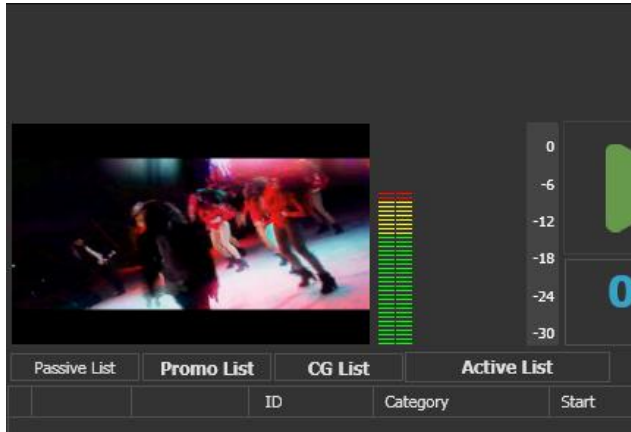
When select live mode playout can control by using Easy Playlist Editor. Control buttons are same EasyOnAir buttons.

-  (*Play*) : Plays a chosen or cued video file.
-  (*Pause*) : Pauses onair video file.
-  (*Stop*) : Stops onair video file.
-  (*Next*) : Jumps to next file.
-  (*Jump*) : Jumps to chosen file.

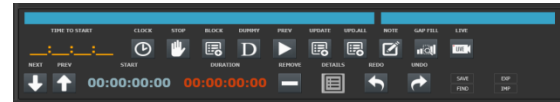


2.3. Creating Playlist

Live mode has 2 type playlists. Active list which is on air ,passive list is cued playlist. When select active list can not use control buttons. (Graphics 18)



Graphics 16 : Playlist Selection

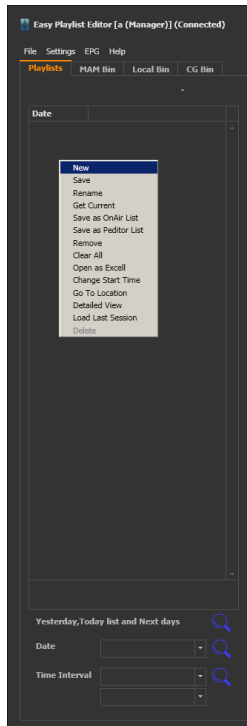


Graphics 17 : Control Buttons

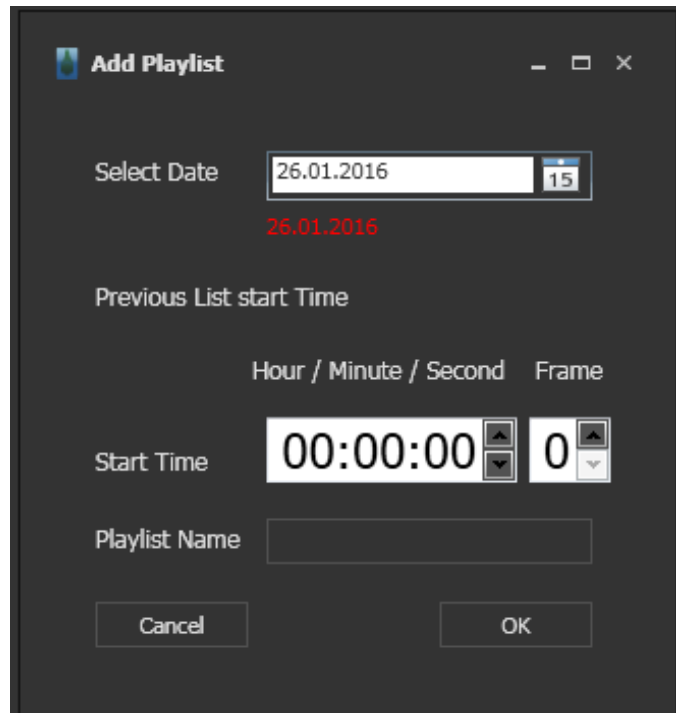


Graphics 18 : EasyPlaylistEditor Active List

To creating new playlist right click on mouse and select new .(Graphics 19) Playlist features can set at new window which is open after clicking.(Graphics 20)



Graphics 19 : Creating New Playlist

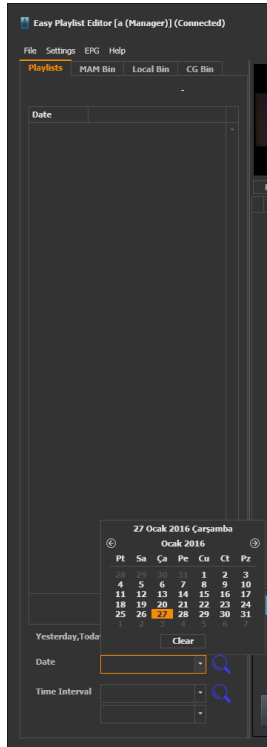


Graphics 20 : New Playlist Settings

If want to edit a playlist,search by date.(Graphics 21)

2.3. Adding Video File

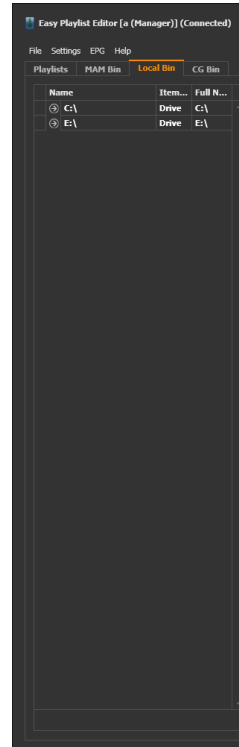
After select playlist can add video file from MAM Bin or Local Bin.(Graphics 22-23) When adding CG,CG bin uses.While adding file can Drag&Drop.Other way to insert video clip right click on playlist and select insert.Select path and video files from pop up windows.



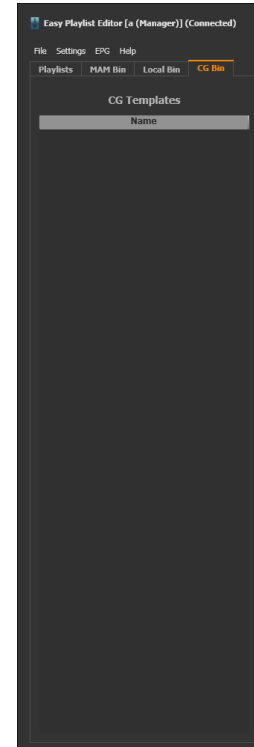
Graphics 21 : Playlist Search



Graphics 22 : MAM bin

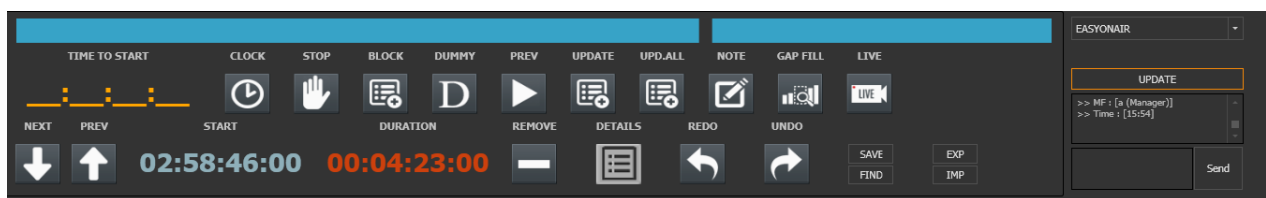


Graphics 23 : Local Bin



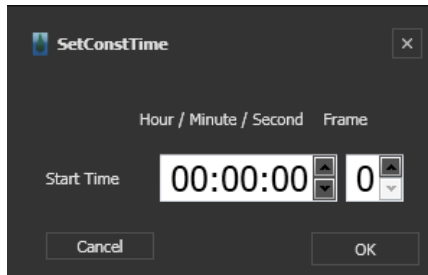
Graphics 24 : CG Bin

2.4. Control Buttons



Graphics 25 : Control Buttons

CLOCK : To set starting time a video clip or live production. When click clock button seen pop up window as graphics 25.



Graphics 25 : Clip start time

1.10	↓	0934f2de		19:20:54:02
1.11	↓	3e157b1d		19:24:25:02
1.12	↓	095dff3b		19:28:46:02
1.13	↓	06c589c2		19:32:09:02
1.14	↓	6c4f9027		19:36:37:02

Graphics 26 : Stop Icon

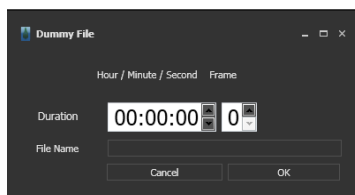
STOP :To stop playlist after selected clip.When last clip before selected finish,playlist stops And seen a icon on playlist like graphics 26.

BLOCK : To create new file block on playlist.For adding a file to block can drag & drop

	ID	Category	Start	Duration	Name
▶	⊕	[-]: A1:B1-Default Block & ' Start : [18.46.44] End : [19.32.09] Total : [00.45.25] '			
	⊕	[-]: A1:B2-deneme & ' Start : [19.32.09] End : [19.44.12] Total : [00.12.03] '			
	⊕	[-]: A1:B3-Default Block & ' Start : [19.44.12] End : [21.09.03] Total : [01.24.51] '			

Graphics 16 : Blocks

DUMMY : To set reservation on playlist by creating dummy.



Graphics 28 : Set Dummy

3.5	↓	2c4a8711		20:00:15:02	00:05:19:00	Jamie Woon - Shoulda (Samy Chelly
3.6	↓	Dummy		20:05:34:02	10:00:00:00	test dummy
3.7	↓	2689721b		06:05:34:02	00:03:43:00	Jason Derulo - Wiggle feat. Snoop D.
3.8	↓	55979885		06:09:17:02	00:04:22:00	Jessie J, Ariana Grande, Nicki Minaj -
3.9	↓	...		06:17:30:02	00:05:07:00	Jah... - All of Me

Graphics 29 : Dummy on playlist

PREVIEW : To preview,split or trimming a video file previes button is uses.When click button open a pop up window and uses this window for setting up.(Graphics 30)



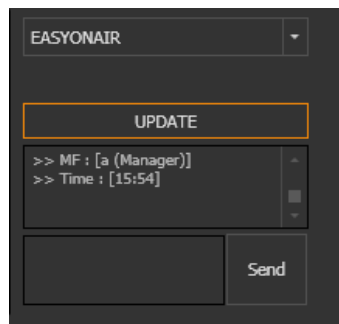
Graphics 30 : Trimming&Splitting

Gwen Stefani - Baby Don't Lie	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Black Widow ft. Rita O.	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Fancy (Explicit) ft. Cha	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Work (Explicit)	00:00:00:00	00:01:02:11	1B
Iggy Azalea - Work (Explicit)	00:01:02:11	00:01:52:07	2M
Iggy Azalea - Work (Explicit)	00:01:52:07	00:00:00:00	3E
Jamie Woon - Shoulda (Samy Chelly)	00:00:00:00	00:00:00:00	1B

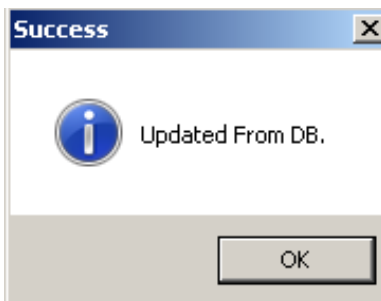
Graphics 31 : Splitted file

UPDATE

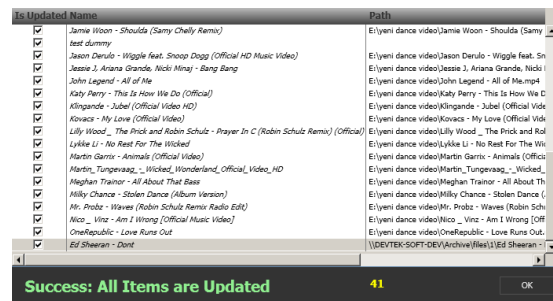
: When use video files from MAM server to update files uses the update button. To update more than 1 file uses update all button. Other update button (graphics 32) used to update playlist on playout.



Graphics 32 : Update list



Graphics 33 : Update



Graphics 34 : Update All

NOTE : When insert note on playlist have two way. First right click > Insert Events > NOTE. (Graphic 35) Second way is using note button. But there is a difference between the ways. When use right click, can see the note on Easy On Air and new row. (Graphics 36) When use note button, note can seen only EasyPlaylistEditor. (Graphics 37)

2.2	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	00:00:00:00
2.3	aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	
[-] A1:B3-Default Block & ' Start : [19.44.12] End : [07.12.20] Total : [11.28.08] '						
3.1	15f01fcd	Cinema	19:44:12:02	00:03:37:06	Cris Cab - Liar Liar	
3.2	b054fb26		19:47:49:09	00:03:22:00	Gwen Stefani - Baby Don't Lie	
3.3	7d1d3047		19:51:11:09	00:05:30:00	Iggy Azalea - Black Widow ft. Rita Ora	
3.4	8cfb7938		19:56:41:09	00:03:24:00	Iggy Azalea - Fancy (Explicit) ft. Charli XCX	
3.5	85349f9a		20:00:05:09	00:01:02:11	Iggy Azalea - Work (Explicit)	
3.6	85349f9a		20:01:07:20	00:00:49:21	Iggy Azalea - Work (Explicit)	


Graphics 35 : Insert Note

1.11	Note		19:24:25:02	00:00:00:00	Note test	
1.12	3e157b1d		19:24:25:02	00:04:21:00	Austin Mahone - Mmm Yeah ft. Pitbull	
1.13	095dff3b		19:28:46:02	00:03:23:00	Avicii - Addicted To You	
[-] A1:B2-deneme & ' Start : [19.32.09] End : [19.44.12] Total : [00.12.03] '						
2.1	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	
2.2	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
2.3	aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 36 : Inserted Note

06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	Note Test 2
6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 37 : Note button

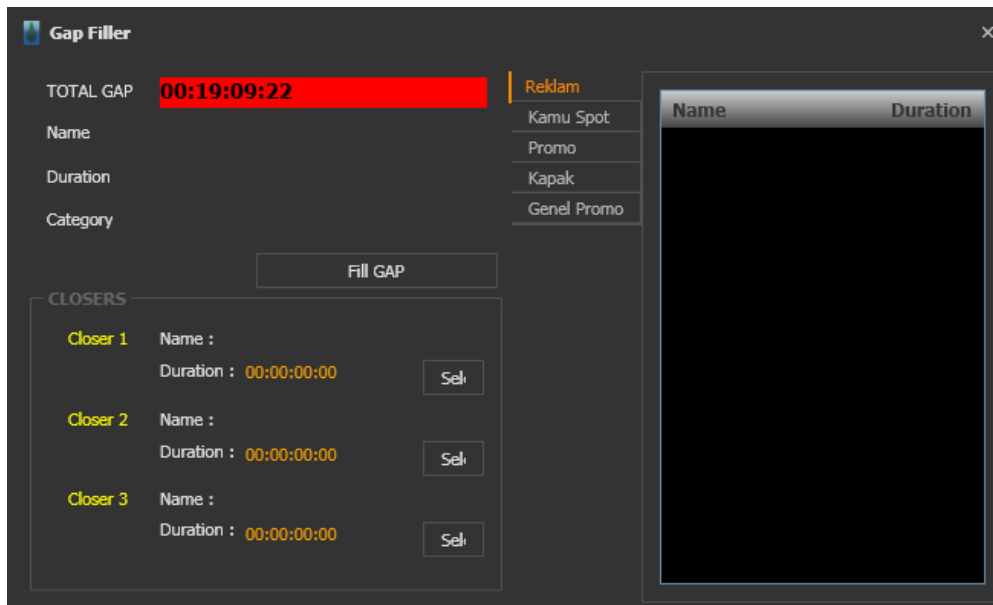
GAP FILL : When change a clip's start time ,consists of blank time or extra time.(Graphics 38-39)To arrange time uses the  GAP FILL button. After clicking button open a pop up window to arranging.(Graphics 40)

2.1	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	
2.2	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
			19:40:50:02	00:59:09:22	GAP(-)	
2.3	aa3a08f8		20:40:00:00	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 38 : GAP (-)

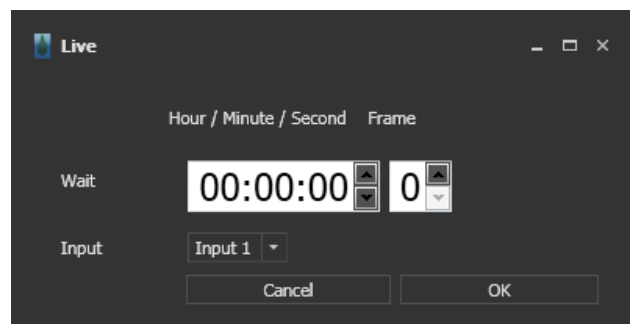
2.1	↓	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	Note Test 2
2.2	↓	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
				19:40:50:02	00:05:50:02	GAP(+)	
2.3	⏸	aa3a08f8		19:35:00:00	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	
[-]: A1:B3-Default Block & ' Start : [19.44.12] End : [07.12.20] Total : [11.28.08] '							
3.1	↓	B31ADAE7	Cinema	19:38:22:00	00:04:51:06	Ed Sheeran - Dont	
[-]: A1:B3-Default Block & ' Start : [20.43.22] End : [08.06.39] Total : [11.23.17] '							
4.1	↓	15F01FCD	Cinema	19:43:13:06	00:03:37:06	Cris Cab - Liar Liar	
4.2	↓	b054fb26		19:46:50:13	00:03:22:00	Gwen Stefani - Baby Don't Lie	

Graphics 39 : GAP (+)



Graphics 40 : GAP FILL Window

LIVE : If playout has live input option and video input card can be added live input on playlist and select start time.(Graphics 41-42)

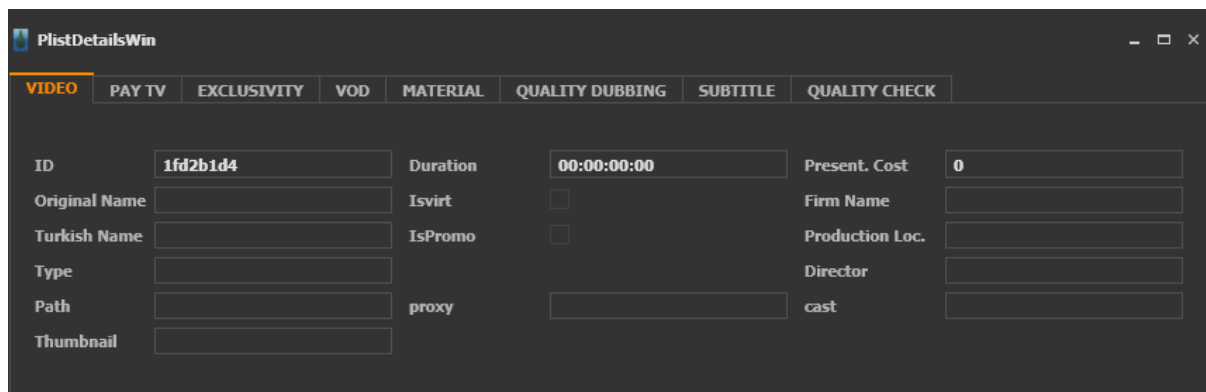


Graphics 41 :Live Input

1.2	↓	e4d10207		18:49:56:02	00:03:30:00	David Guetta - Without You ft. Usher		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\D	% 0
1.3	↓	54f6831b		18:53:26:02	00:03:58:00	Duke Dumont - I Got U (Official vide		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\D	% 0
1.4	↓	Live		18:57:24:02	00:00:00:00	Live!		00:00:00:00	00:00:00:00	1B		
1.5	↓	972dee51		18:57:24:02	00:04:51:00	Ed Sheeran - Dont		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\E	% 0
1.6	↓	b8fe2aa		19:02:15:02	00:04:56:00	Ed Sheeran - Thinking Out Loud [Of		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\E	% 0

Graphics 42 :Live Input

- NEXT** : To pass up one step on playlist
- PREV** : To pass down one step on playlist
- REMOVE** : To delete selected row
- REDO** : To go forward action
- UNDO** : To go back action
- SAVE** : To save playlist
- FIND** : To find a file on playlist
- EXP** : To export playlist
- IMP** : To import a shared playlist
- DETAILS** : To see detailed informations about selected file



The screenshot shows a window titled "PlistDetailsWin" with a dark theme. It has several tabs: VIDEO (selected), PAY TV, EXCLUSIVITY, VOD, MATERIAL, QUALITY DUBBING, SUBTITLE, and QUALITY CHECK. The main area contains a form with the following fields:

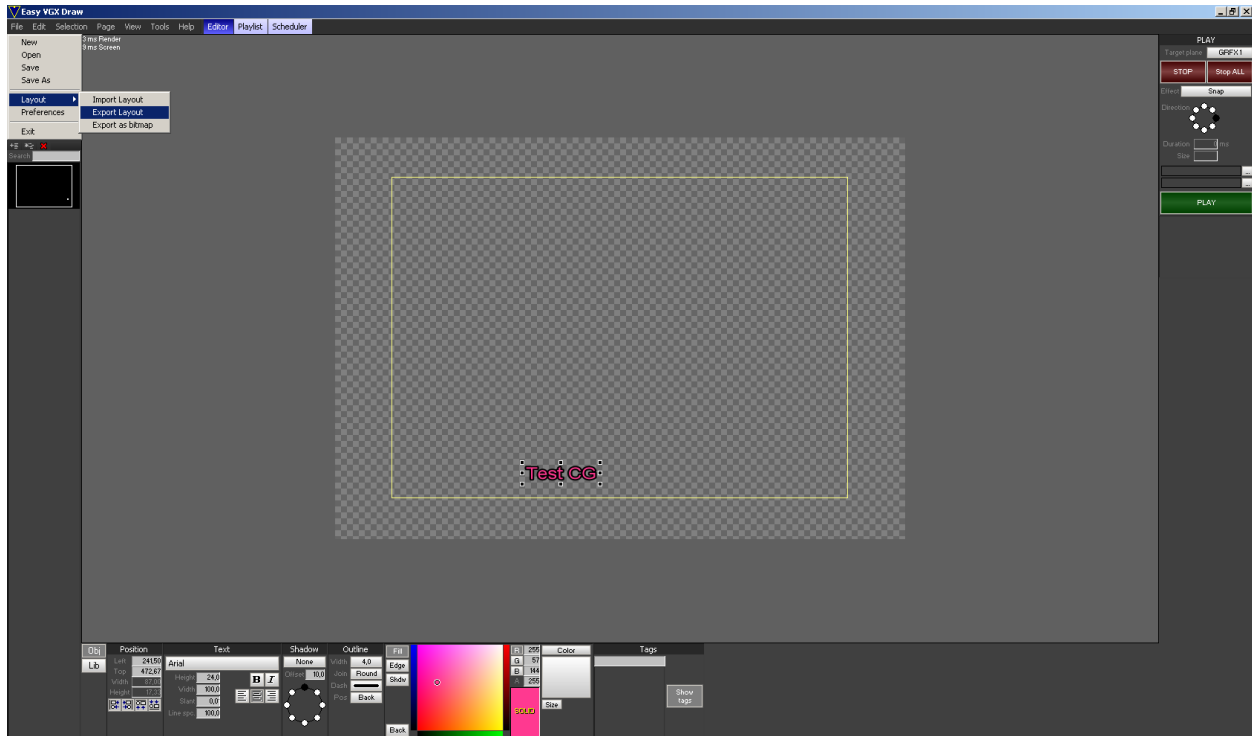
- ID: 1fd2b1d4
- Duration: 00:00:00:00
- Present. Cost: 0
- Original Name: (empty)
- Isvirt:
- Firm Name: (empty)
- Turkish Name: (empty)
- IsPromo:
- Production Loc.: (empty)
- Type: (empty)
- Director: (empty)
- Path: (empty)
- proxy:
- cast: (empty)
- Thumbnail: (empty)

Graphics 43 : Details

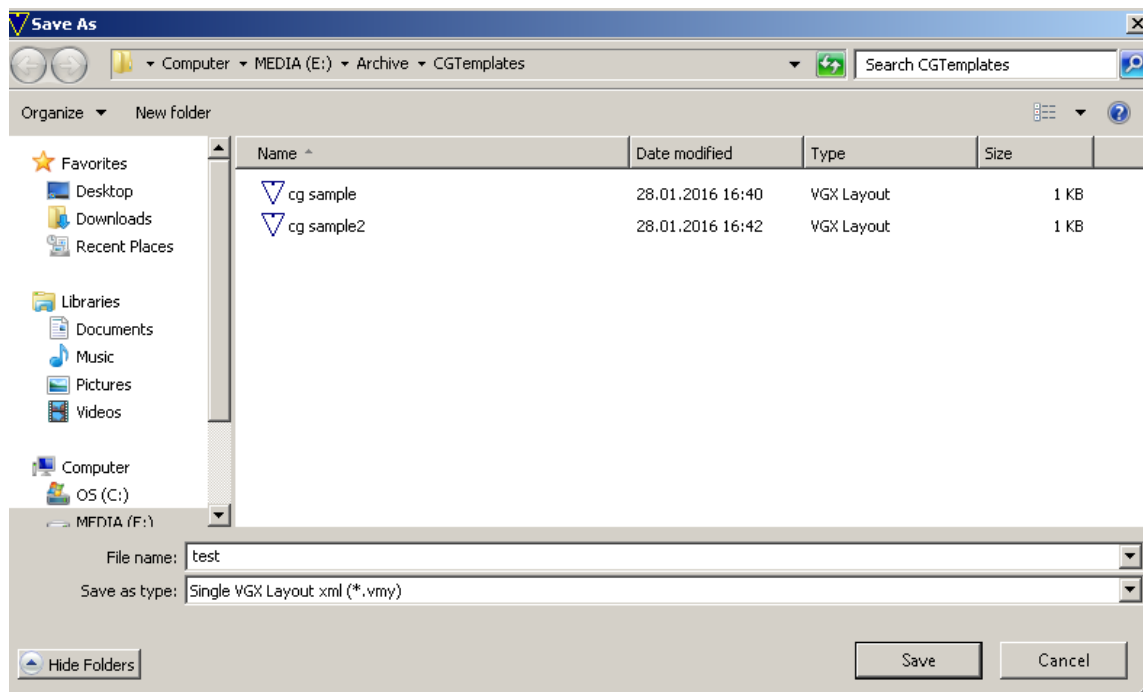
2.4. CG List

This menu item allows user to insert on video file.

At first set cg path at Easy Net Controller. File > Layout > Export Layout open pop up window (Graphics 33).Layout format must be ".vmy".



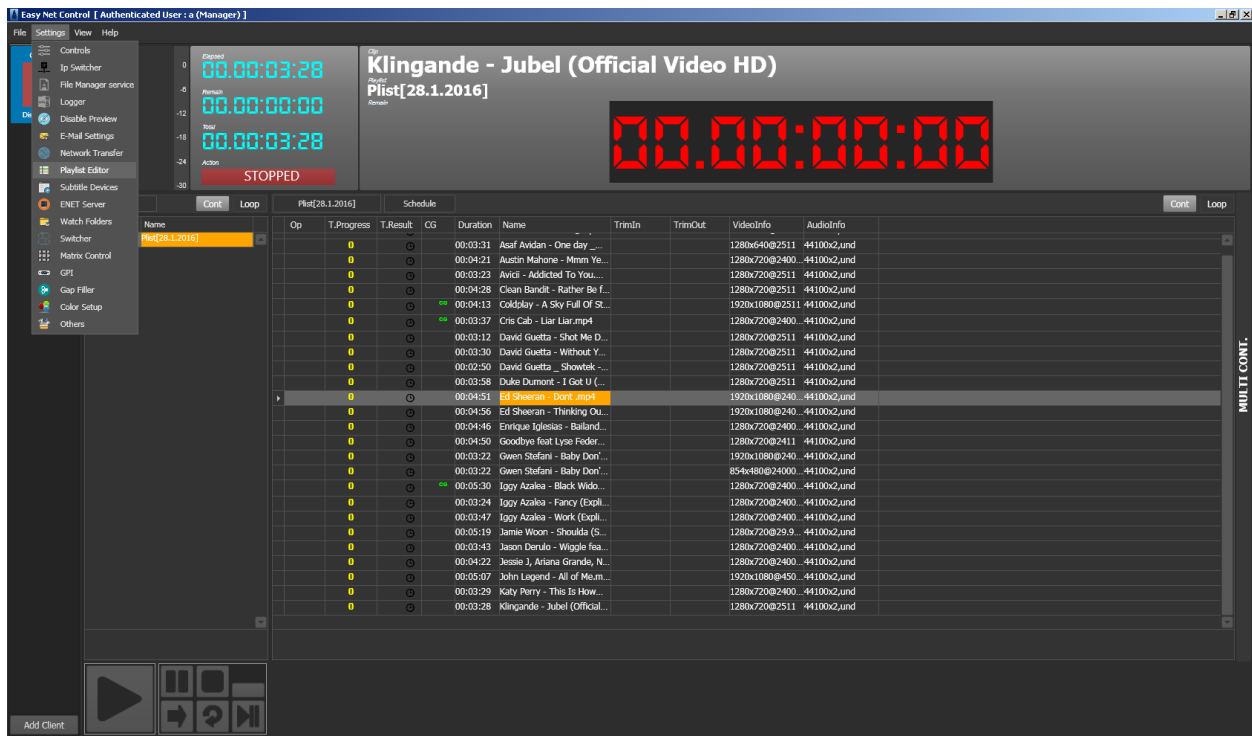
Graphics 44 : Easy CG



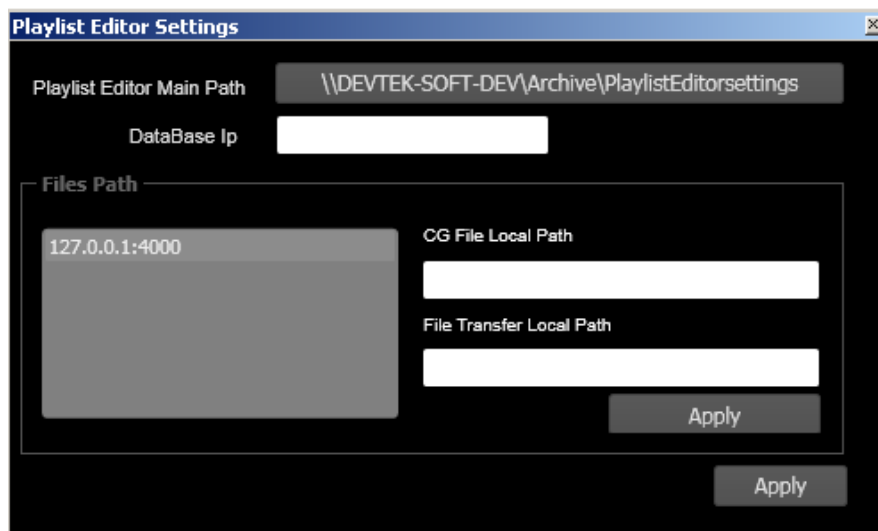
Graphics 45 : Saving Layout

After export layout,open Easy Net Controller and Settings > Playlist Editor

(Graphics 45) Then write cg file's local path at pop up window (Graphics 46)



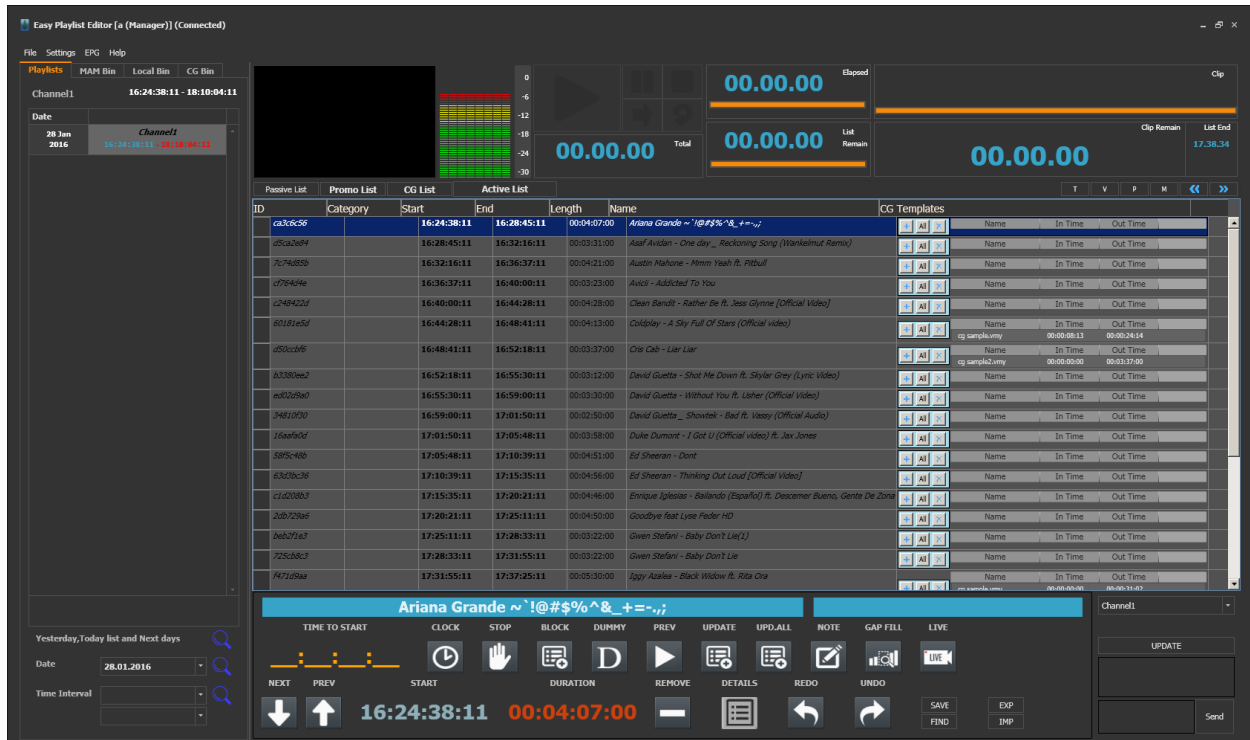
Graphics 45 : Net Controller



Graphics 46 : Saving Layout

After apply cg path select CG List tab at playlist editor.(Graphic 47)

To add cg file on a clip click plus (+) button on CG Templates coloum at CG list.
(Graphics 48)



The screenshot displays the 'Easy Playlist Editor' interface. The 'CG List' tab is active, showing a table of clips with columns for ID, Category, Start, End, Length, and Name. The selected clip is 'Ariana Grande ~ !@#\$%^& +=-.,;'. Below the table is a control panel with buttons for 'TIME TO START', 'CLOCK', 'STOP', 'BLOCK', 'DUMPHY', 'PREV', 'UPDATE', 'UPD.ALL', 'NOTE', 'GAP FILL', 'LIVE', 'NEXT', 'PREV', 'START', 'DURATION', 'REMOVE', 'DETAILS', 'REDO', 'UNDO', 'SAVE', 'EXP', 'IMP', 'FIND', and 'Send'. The interface also shows a channel name 'Channel1' and a date '28 Jun 2016'.

ID	Category	Start	End	Length	Name	CG Templates
ca3c6c5f		16:24:38:11	16:28:45:11	00:04:07:00	Ariana Grande ~ !@#\$%^& +=-.,;	Name In Time Out Time
45ca3e4f		16:28:45:11	16:32:16:11	00:03:31:00	Kid Avidin - One day... Racking Song (Vankalmul Remix)	Name In Time Out Time
7276485d		16:32:16:11	16:36:37:11	00:04:21:00	Austin Mahone - Nimm Yeah ft. Pitbull	Name In Time Out Time
c78646e		16:36:37:11	16:40:00:11	00:03:23:00	Alicia - Addicted To You	Name In Time Out Time
c249422f		16:40:00:11	16:44:28:11	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne [Official Video]	Name In Time Out Time
62181e5d		16:44:28:11	16:48:41:11	00:04:13:00	Childish - A Sky Full Of Stars [Official video]	Name In Time Out Time
d50ca246		16:48:41:11	16:52:18:11	00:03:37:00	Cher Cab - Liar Liar	cg sample.vmy 00:00:08:13 00:00:24:14
d3380ee2		16:52:18:11	16:55:30:11	00:03:12:00	David Guetta - Shot Me Down ft. Skylar Grey (Lyric Video)	Name In Time Out Time
e482a98d		16:55:30:11	16:59:00:11	00:03:30:00	David Guetta - Without You ft. Usher [Official Video]	Name In Time Out Time
34810230		16:59:00:11	17:01:50:11	00:02:50:00	David Guetta - Showtek - Bad ft. Vassy [Official Audio]	Name In Time Out Time
16ea9fd		17:01:50:11	17:05:48:11	00:03:58:00	Duke Dumont - I Got U [Official video] ft. Jay Jones	Name In Time Out Time
58f546b		17:05:48:11	17:10:39:11	00:04:51:00	Ed Sheeran - Dont	Name In Time Out Time
6326a36		17:10:39:11	17:15:35:11	00:04:56:00	Ed Sheeran - Thinking Out Loud [Official Video]	Name In Time Out Time
c120883		17:15:35:11	17:20:21:11	00:04:46:00	Enrique Iglesias - Bailando (Español) ft. Descemer Bueno, Gente De Zona	Name In Time Out Time
2db726e		17:20:21:11	17:25:11:11	00:04:50:00	Goodbye feat Lene Nylin MD	Name In Time Out Time
6ab71e1		17:25:11:11	17:28:33:11	00:03:22:00	Gwen Stefani - Baby Don't Lie (1)	Name In Time Out Time
725ca8c3		17:28:33:11	17:31:55:11	00:03:22:00	Gwen Stefani - Baby Don't Lie	Name In Time Out Time
f71d8aa		17:31:55:11	17:37:25:11	00:05:30:00	Iggy Azalea - Black Widow ft. Rita Ora	Name In Time Out Time

Graphics 47 : CG List

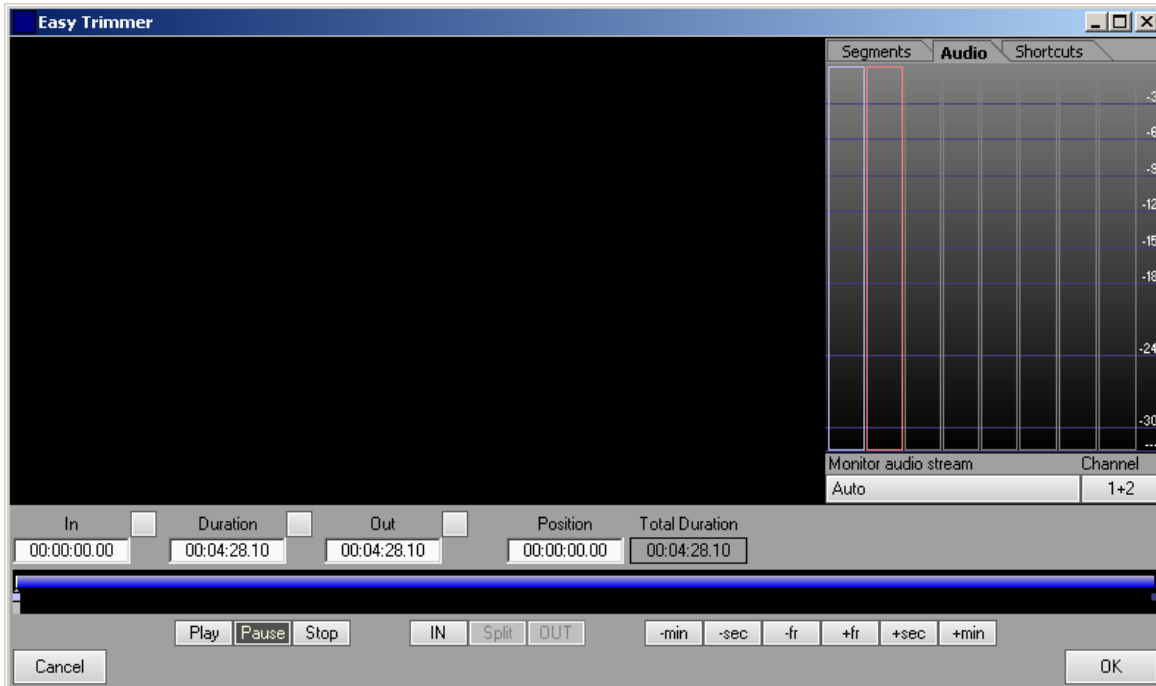
Category	Start	End	Length	Name	CG Templates
ca3c6c56	16:24:38:11	16:28:45:11	00:04:07:00	Ariana Grande ~`!@#%&_+~.,/;	+ All x
d5ca2e84	16:28:45:11	16:32:16:11	00:03:31:00	Asaf Avidan - One day _ Reckoning Song (Wankelmut Remix)	+ All x
7c74d85b	16:32:16:11	16:36:37:11	00:04:21:00	Austin Mahone - Mmm Yeah ft. Pitbull	+ All x
cf764d4e	16:36:37:11	16:40:00:11	00:03:23:00	Avicii - Addicted To You	+ All x
c248422d	16:40:00:11	16:44:28:11	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne [Official Video]	+ All x
60181e5d	16:44:28:11	16:48:41:11	00:04:13:00	Goldplay - A Sky Full Of Stars (Official video)	+ All x
d50ccb6	16:48:41:11	16:52:18:11	00:03:37:00	Cris Cab - Liar Liar	+ All x
b3380ee2	16:52:18:11	16:55:30:11	00:03:12:00	David Guetta - Shot Me Down ft. Skylar Grey (Lyric Video)	+ All x
ed02d9a0	16:55:30:11	16:59:00:11	00:03:30:00	David Guetta - Without You ft. Usher (Official Video)	+ All x
34810f30	16:59:00:11	17:01:50:11	00:02:50:00	David Guetta _ Showtek - Bad ft. Vassy (Official Audio)	+ All x
16aafa0d	17:01:50:11	17:05:48:11	00:03:58:00	Duke Dumont - I Got U (Official video) ft. Jax Jones	+ All x
58f5c48b	17:05:48:11	17:10:39:11	00:04:51:00	Ed Sheeran - Dont	+ All x
63d3bc36	17:10:39:11	17:15:35:11	00:04:56:00	Ed Sheeran - Thinking Out Loud [Official Video]	+ All x
c1d208b3	17:15:35:11	17:20:21:11	00:04:46:00	Enrique Iglesias - Bailando (Español) ft. Descemer Bueno, Gente De Zona	+ All x
2db729a6	17:20:21:11	17:25:11:11	00:04:50:00	Goodbye feat Lyse Feder HD	+ All x
beb2f1e3	17:25:11:11	17:28:33:11	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	+ All x
725cb8c3	17:28:33:11	17:31:55:11	00:03:22:00	Gwen Stefani - Baby Don't Lie	+ All x

Graphics 48 : Add CG



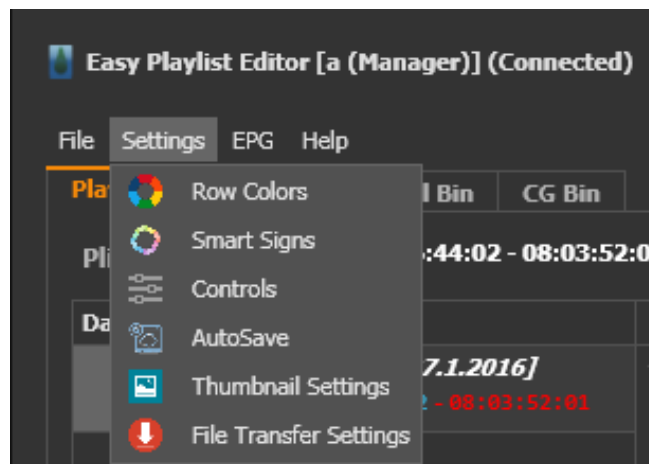
Graphics 49 : CG Template Selection

Then select CG template which want to add.(Graphics 49)After select cg template a pop up window will open (Graphics 50).By using this window user can set duration,in point,out point at video clip.



Graphics 50 : Easy Trimmer

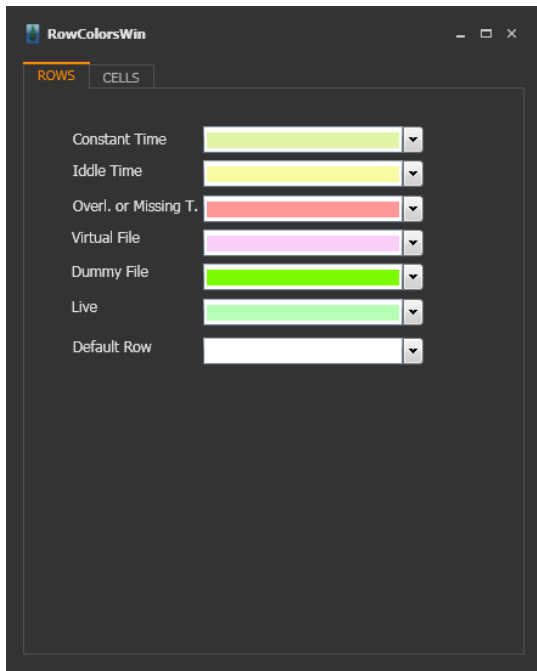
2.5. SETTINGS



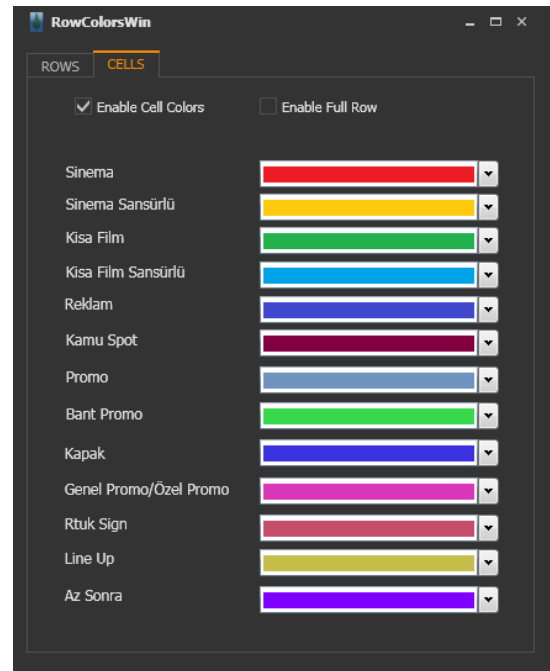
Graphics 51 : Settings Menu

2.4.1. Row Colors

To setup playlist row and cell colors



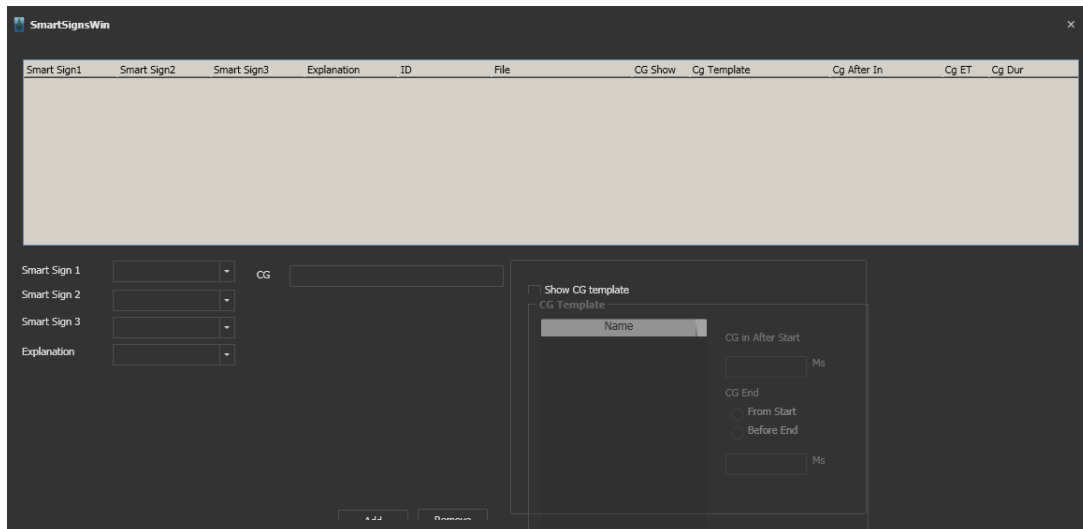
Graphics 52 :Row Colors



Graphics 53 : Cell Colors

2.4.2. Smart Signs

To add smartsign object startup video file



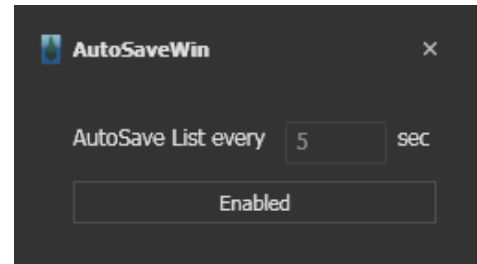
Graphics 54 :Smart Signs

2.4.3. Controls

To disable or enable some warnings and messages.



Graphics 55 :Control Menu



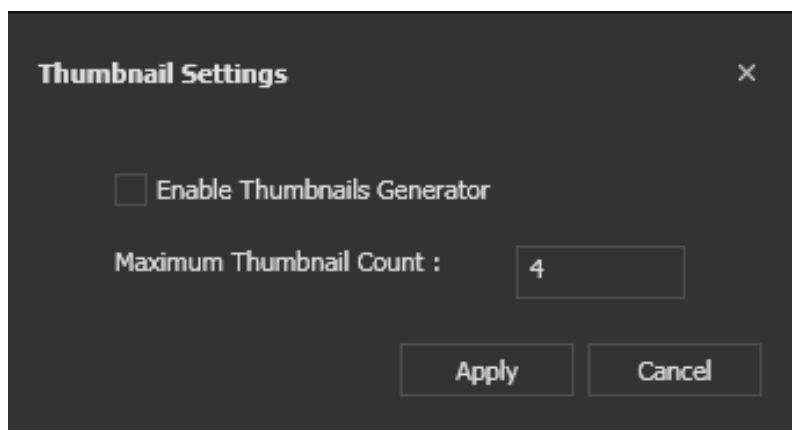
Graphics 56 :Auto Save Window

2.4.4. Auto Save

To set auto save frequency or disable auto saving.

2.4.5. Thumbnail Setting

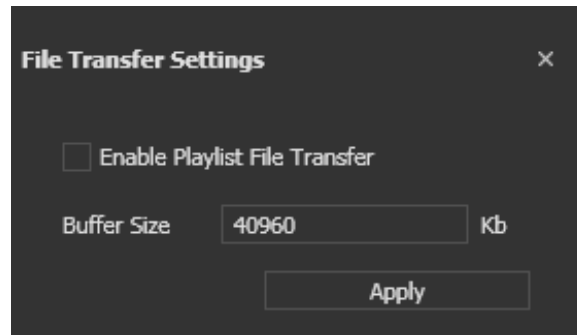
If want to see thumbnail on playlist,thumbnail generator can use.



Graphics 57 :Thumbnail Setting

2.4.6. File Transfer Settings

When playout use video files from server,all of files can copy to local bin.



Graphics 58 :File transfer setting

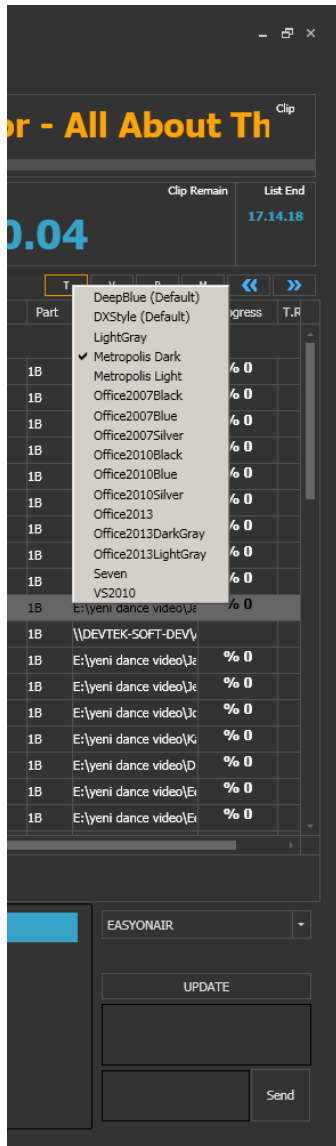
2.4.7. Visual Settings

Theme : To change program theme (Graphics 59)

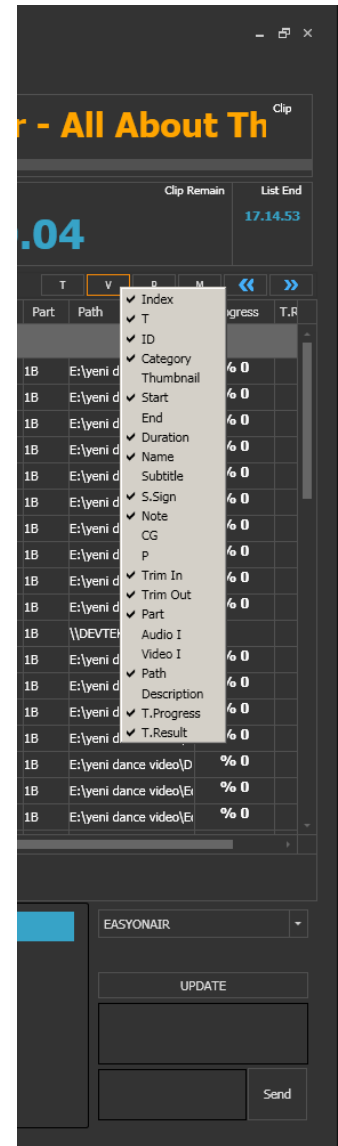
Grid Coloums : To show or hide clip information (name,duration etc)
(Graphics 60)

Print : To print playlist (Graphics 61)

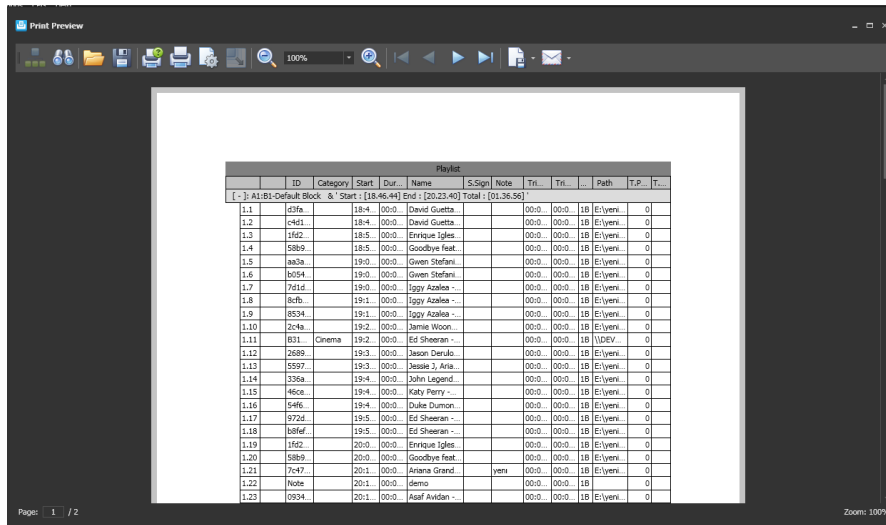
Show Mode : To change playlist's showing mode (Graphics 62)



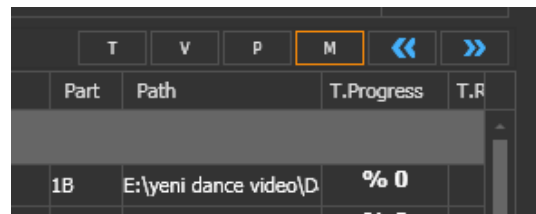
Graphics 59 : Theme Selection



Graphics 60 : Grid Settings



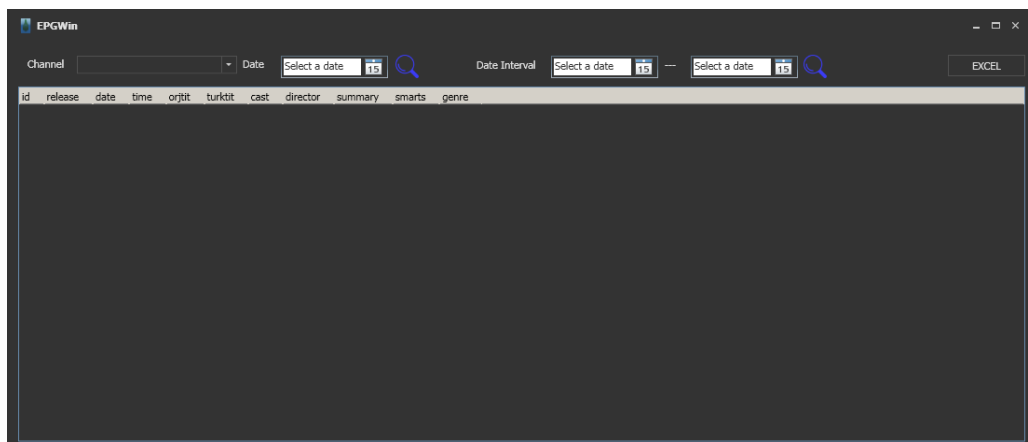
Graphics 61 : Playlist Print



Graphics 62 : Show Mode

2.5. EPG (Electronic Program Guide)

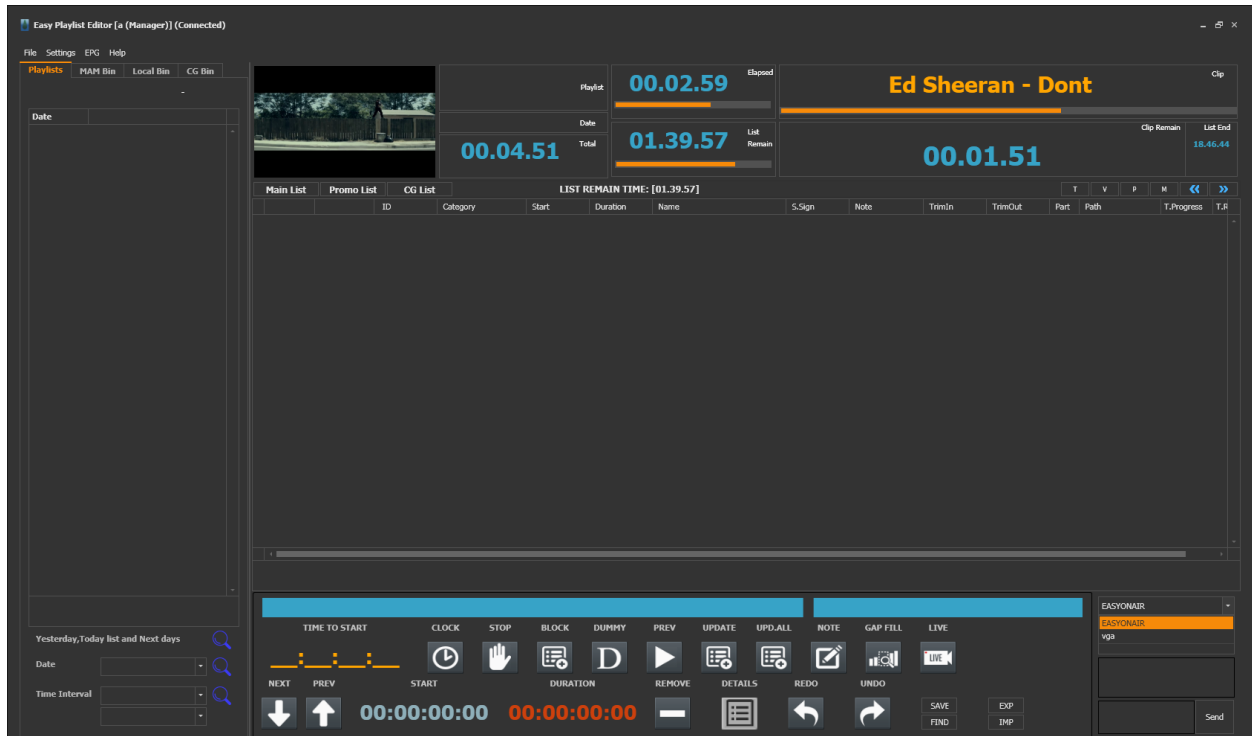
To show epg information. At first select Channel and filter by date. User can export epg information to Microsoft Excel.



Graphics 63 : Electronic Program Guide

3. Online Mode

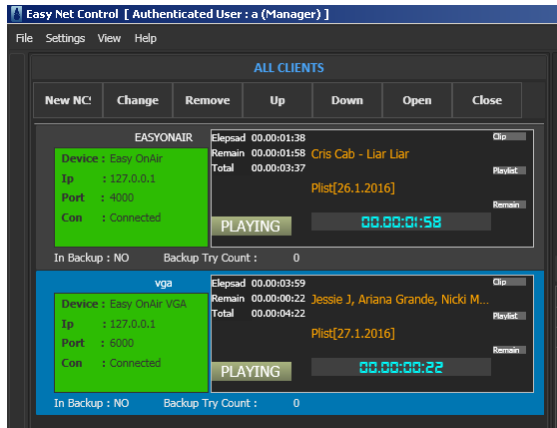
Easy Playlist is connected to Easy NetControl and can get the current playlist, can change playlist and can update playout playlist by selecting the channel number.



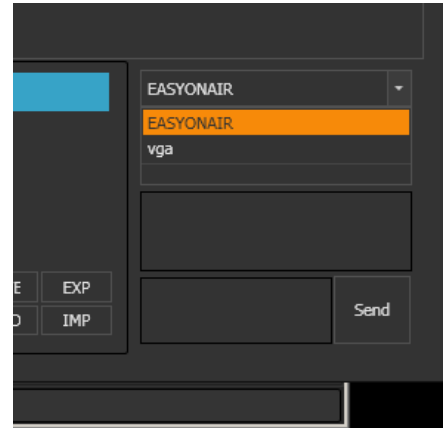
Graphics 64 : Online Mode

3. 1. Channel Selection

Before editing a playlist must select playout which is want to edit or control. To select playout click playout name on the right bottom.(Graphics 68). What name give at the Easy Net Control will see at playout selection tab.(Graphics 68)

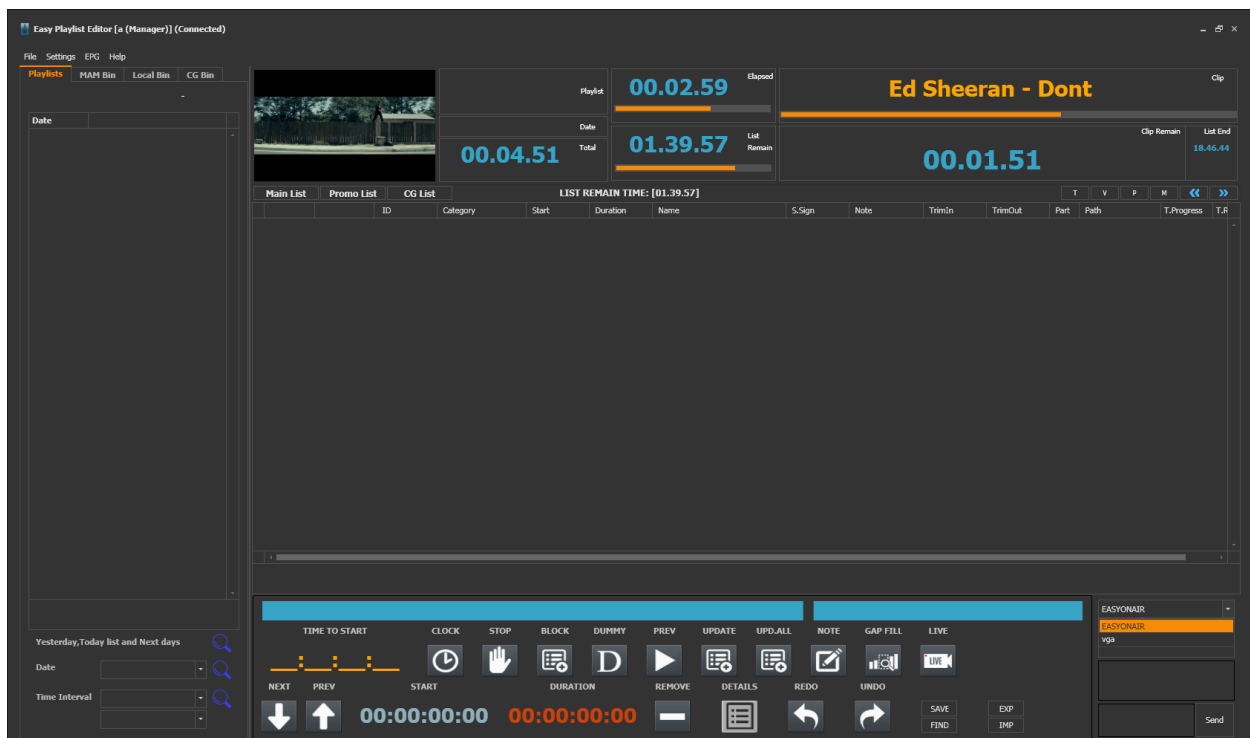


Graphics 67 : Easy Net Control Playout Names



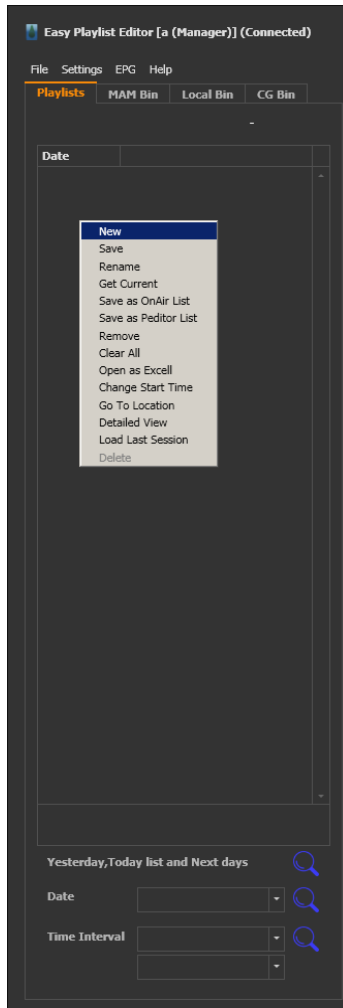
Graphics 68 : Playout Selection

3. 2. Creating Playlist

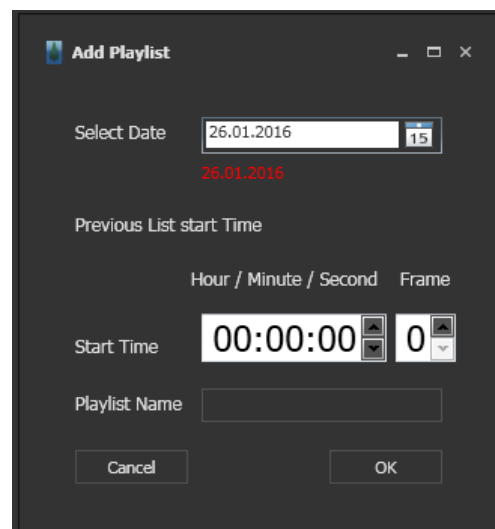


Graphics 69 : Playlist

To creating new playlist right click on mouse and select new .(Graphics 70) Playlist features can set at new window which is open after clicking.(Graphics 71)



Graphics 70 : Creating New Playlist

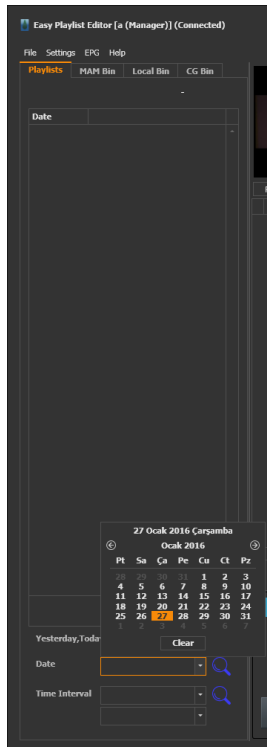


Graphics 71 : New Playlist Settings

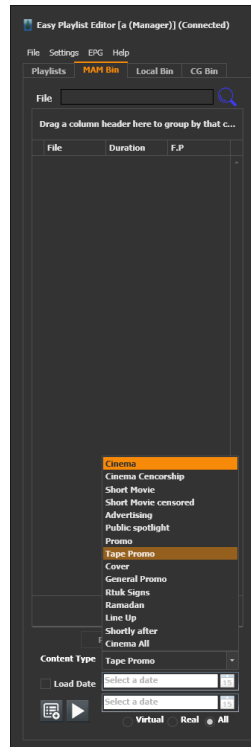
If want to edit a playlist,search by date.(Graphics 72)

3.3. Adding Video File

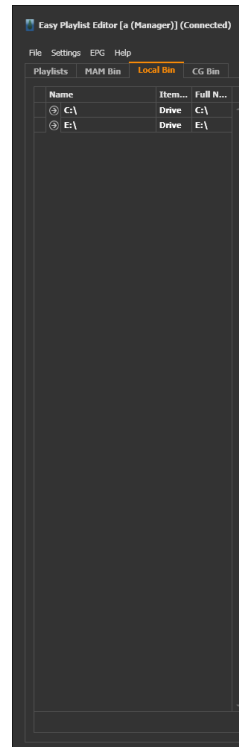
After select playlist can add video file from MAM Bin or Local Bin.(Graphics 73-74) When adding CG,CG bin uses.While adding file can Drag&Drop.Other way to insert video clip right click on playlist and select insert.Select path and video files from pop up windows.



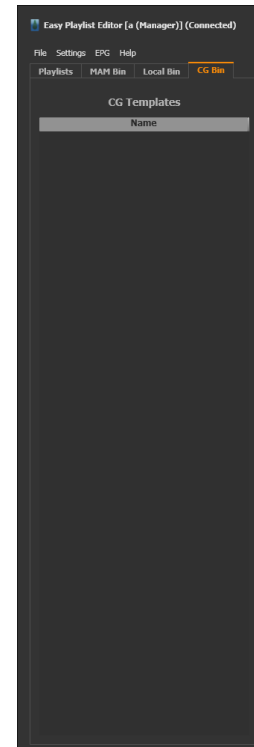
Graphics 72 : Playlist Search



Graphics 73 : MAM bin

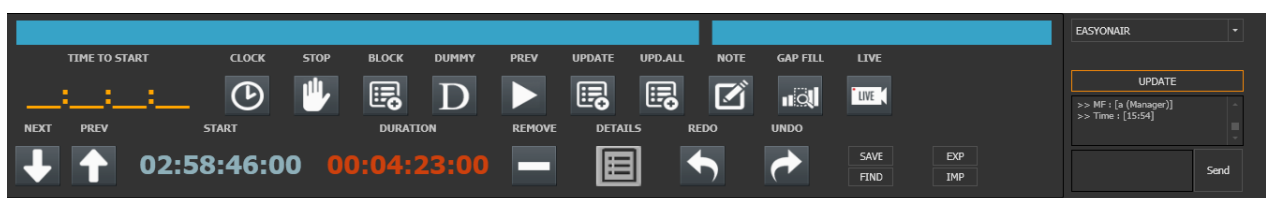


Graphics 74 : Local Bin



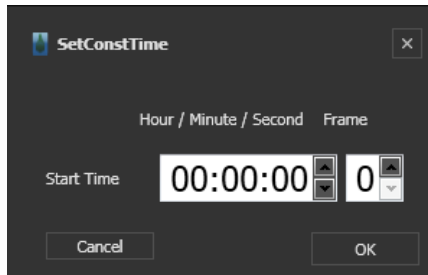
Graphics 75 : CG Bin

3.4. Control Buttons



Graphics 76 : Control Buttons

CLOCK : To set starting time a video clip or live production. When click clock button seen pop up window as graphics 76.



Graphics 77 : Clip start time

1.10	↓	0934f2de		19:20:54:02
1.11	↓	3e157b1d		19:24:25:02
1.12	↓	095dff3b		19:28:46:02
1.13	↓	06c589c2		19:32:09:02
1.14	↓	6c4f9027		19:36:37:02

Graphics 78 : Stop Icon

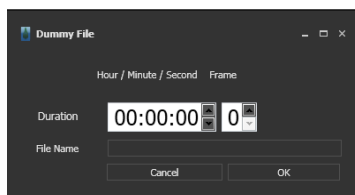
STOP :To stop playlist after selected clip.When last clip before selected finish,playlist stops And seen a icon on playlist like graphics 78.

BLOCK : To create new file block on playlist.For adding a file to block can drag & drop

	ID	Category	Start	Duration	Name
▶	⊕	[-]: A1:B1-Default Block & ' Start : [18.46.44] End : [19.32.09] Total : [00.45.25] '			
	⊕	[-]: A1:B2-deneme & ' Start : [19.32.09] End : [19.44.12] Total : [00.12.03] '			
	⊕	[-]: A1:B3-Default Block & ' Start : [19.44.12] End : [21.09.03] Total : [01.24.51] '			

Graphics 79 : Blocks

DUMMY : To set reservation on playlist by creating dummy.



Graphics 80 : Set Dummy

3.5	↓	2c4a8711		20:00:15:02	00:05:19:00	Jamie Woon - Shoulda (Samy Chelly
3.6	↓	Dummy		20:05:34:02	10:00:00:00	test dummy
3.7	↓	2689721b		06:05:34:02	00:03:43:00	Jason Derulo - Wiggle feat. Snoop D.
3.8	↓	55979885		06:09:17:02	00:04:22:00	Jessie J, Ariana Grande, Nicki Minaj -

Graphics 81 : Dummy on playlist

PREVIEW : To preview,split or trimming a video file previes button is uses.When click button open a pop up window and uses this window for setting up.(Graphics 82)



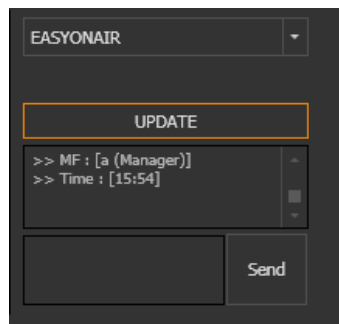
Graphics 82 : Trimming&Splitting

Gwen Stefani - Baby Don't Lie	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Black Widow ft. Rita O.	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Fancy (Explicit) ft. Cha	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Work (Explicit)	00:00:00:00	00:01:02:11	1B
Iggy Azalea - Work (Explicit)	00:01:02:11	00:01:52:07	2M
Iggy Azalea - Work (Explicit)	00:01:52:07	00:00:00:00	3E
Jamie Woon - Shoulda (Samy Chelly)	00:00:00:00	00:00:00:00	1B

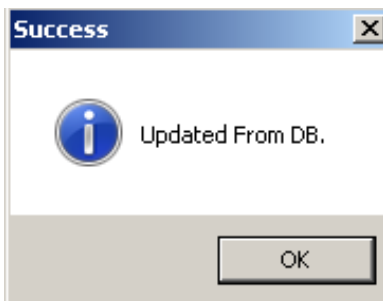
Graphics 83 : Splitted file

UPDATE

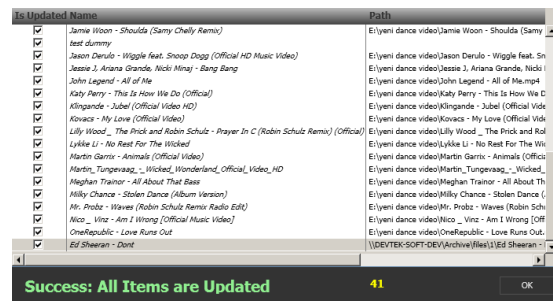
: When use video files from MAM server to update files uses the update button. To update more than 1 file uses update all button. Other update button (graphics 84) used to update playlist on playout.



Graphics 84 : Update list



Graphics 85 : Update



Graphics 86 : Update All

NOTE : When insert note on playlist have two way. First right click > Insert Events > NOTE. (Graphic 23) Second way is using note button. But there is a difference between the ways. When use right click, can see the note on Easy On Air and new row. (Graphics 24) When use note button, note can see only EasyPlaylistEditor. (Graphics 89)

2.2	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	00:00:00:00
2.3	aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	
[-] A1:B3-Default Block & ' Start : [19.44.12] End : [07.12.20] Total : [11.28.08] '						
3.1	15f01fcd	Cinema	19:44:12:02	00:03:37:06	Cris Cab - Liar Liar	
3.2	b054fb26		19:47:49:09	00:03:22:00	Gwen Stefani - Baby Don't Lie	
3.3	7d1d3047		19:51:11:09	00:05:30:00	Iggy Azalea - Black Widow ft. Rita Ora	
3.4	8cfb7938		19:56:41:09	00:03:24:00	Iggy Azalea - Fancy (Explicit) ft. Charli XCX	
3.5	85349f9a		20:00:05:09	00:01:02:11	Iggy Azalea - Work (Explicit)	
3.6	85349f9a		20:01:07:20	00:00:49:21	Iggy Azalea - Work (Explicit)	


Graphics 87 : Insert Note

1.11	Note		19:24:25:02	00:00:00:00	Note test	
1.12	3e157b1d		19:24:25:02	00:04:21:00	Austin Mahone - Mmm Yeah ft. Pitbull	
1.13	095dff3b		19:28:46:02	00:03:23:00	Avicii - Addicted To You	
[-] A1:B2-deneme & ' Start : [19.32.09] End : [19.44.12] Total : [00.12.03] '						
2.1	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	
2.2	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
2.3	aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 88 : Inserted Note

06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	Note Test 2
6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 89 : Note button

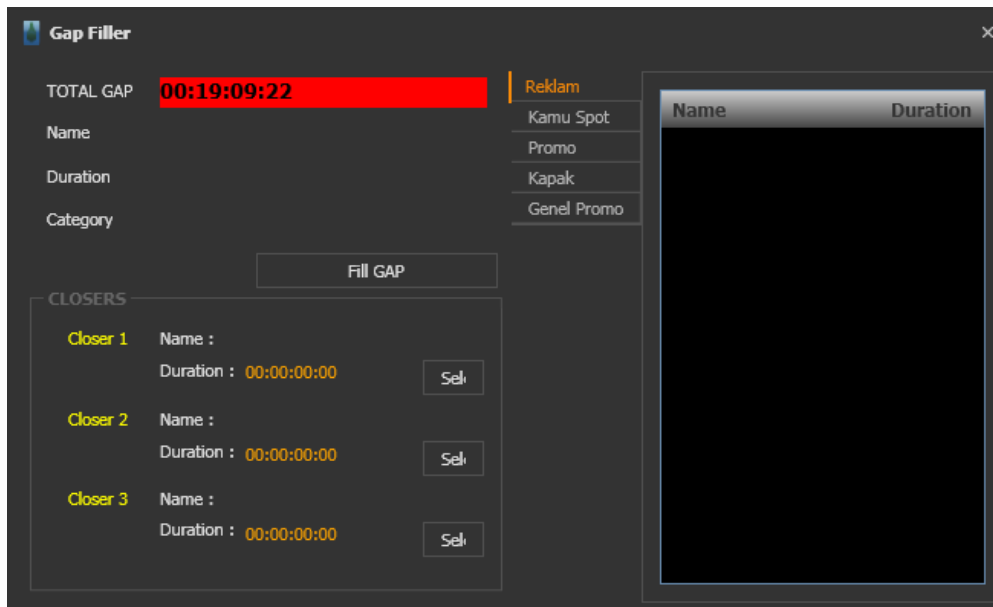
GAP FILL : When change a clip's start time ,consists of blank time or extra time.(Graphics 90-91)To arrange time uses the  GAP FILL button. After clicking button open a pop up window to arranging.(Graphics 92)

2.1	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	
2.2	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
			19:40:50:02	00:59:09:22	GAP(-)	
2.3	aa3a08f8		20:40:00:00	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 90 : GAP (-)

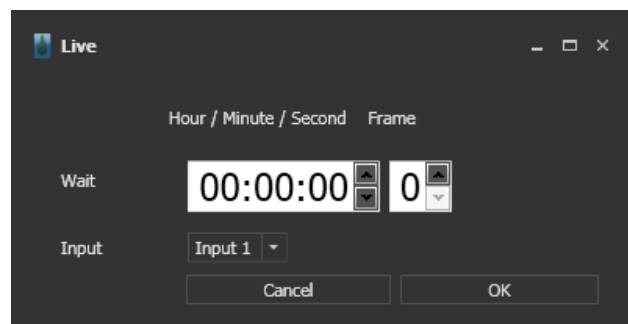
2.1	↓	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Glynne	Note Test 2
2.2	↓	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Official)	
				19:40:50:02	00:05:50:02	GAP(+)	
2.3	⏸	aa3a08f8		19:35:00:00	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	
[-]: A1:B3-Default Block & ' Start : [19.44.12] End : [07.12.20] Total : [11.28.08] '							
3.1	↓	B31ADAE7	Cinema	19:38:22:00	00:04:51:06	Ed Sheeran - Dont	
[-]: A1:B3-Default Block & ' Start : [20.43.22] End : [08.06.39] Total : [11.23.17] '							
4.1	↓	15F01FCD	Cinema	19:43:13:06	00:03:37:06	Cris Cab - Liar Liar	
4.2	↓	b054fb26		19:46:50:13	00:03:22:00	Gwen Stefani - Baby Don't Lie	

Graphics 91 : GAP (+)



Graphics 92 : GAP FILL Window

LIVE : If playout has live input option and video input card can be added live input on playlist and select start time.(Graphics 93-94)



Graphics 93 :Live Input

1.2	↓	e4d10207		18:49:56:02	00:03:30:00	David Guetta - Without You ft. Usher		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\D	% 0
1.3	↓	54f6831b		18:53:26:02	00:03:58:00	Duke Dumont - I Got U (Official vide		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\D	% 0
1.4	↓	Live		18:57:24:02	00:00:00:00	Live1		00:00:00:00	00:00:00:00	1B		
1.5	↓	972dee51		18:57:24:02	00:04:51:00	Ed Sheeran - Dont		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\E	% 0
1.6	↓	b8fe2aa		19:02:15:02	00:04:56:00	Ed Sheeran - Thinking Out Loud [Of		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\E	% 0

Graphics 94 :Live Input

- NEXT** : To pass up one step on playlist
- PREV** : To pass down one step on playlist
- REMOVE** : To delete selected row
- REDO** : To go forward action
- UNDO** : To go back action
- SAVE** : To save playlist
- FIND** : To find a file on playlist
- EXP** : To export playlist
- IMP** : To import a shared playlist
- DETAILS** : To see detailed informations about selected file

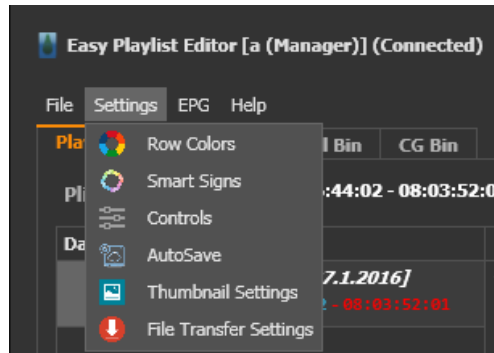
PlistDetailsWin
⌵ □ ✕

VIDEO
PAY TV
EXCLUSIVITY
VOD
MATERIAL
QUALITY DUBBING
SUBTITLE
QUALITY CHECK

ID	<input type="text" value="1fd2b1d4"/>	Duration	<input type="text" value="00:00:00:00"/>	Present. Cost	<input type="text" value="0"/>
Original Name	<input type="text"/>	Isvirt	<input type="checkbox"/>	Firm Name	<input type="text"/>
Turkish Name	<input type="text"/>	IsPromo	<input type="checkbox"/>	Production Loc.	<input type="text"/>
Type	<input type="text"/>	Director	<input type="text"/>		
Path	<input type="text"/>	proxy	<input type="text"/>	cast	<input type="text"/>
Thumbnail	<input type="text"/>				

Graphics 95 : Details

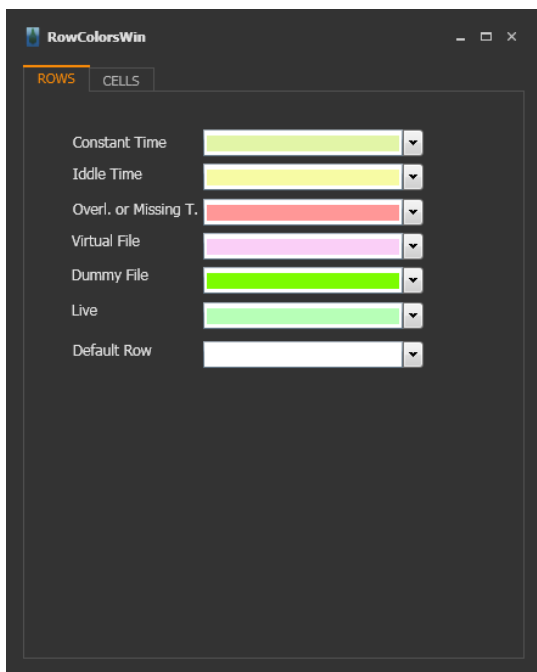
3.5. SETTINGS



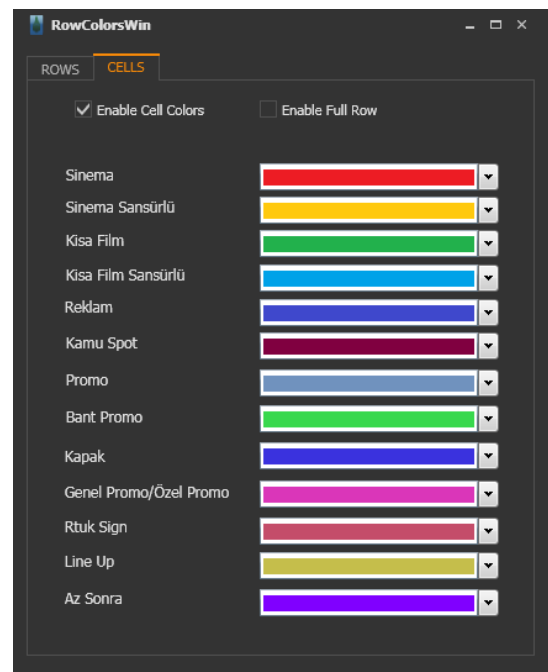
Graphics 96 : Settings Menu

3.5.1. Row Colors

To setup playlist row and cell colors



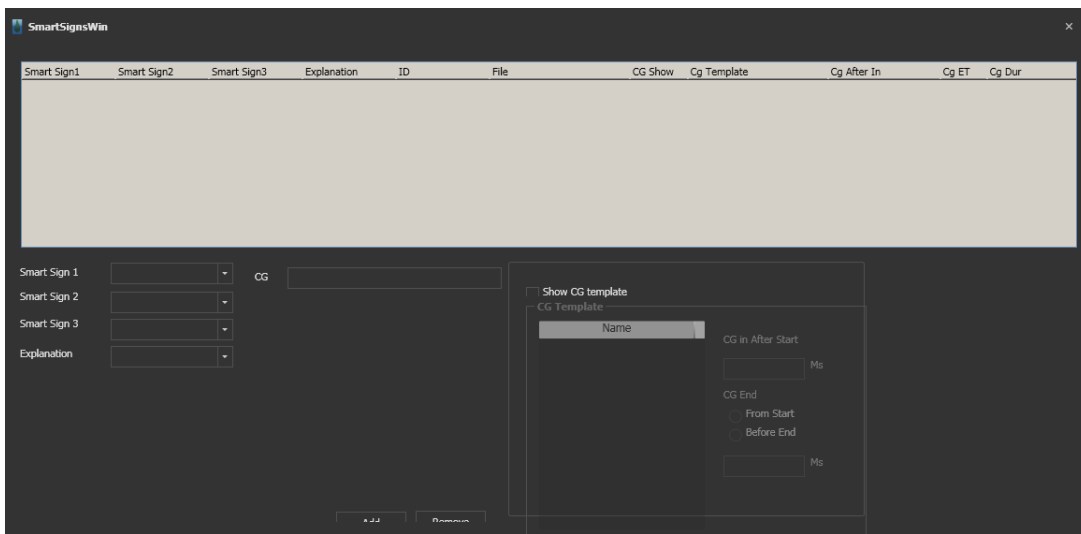
Graphics 97 :Row Colors



Graphics 98 : Cell Colors

3.5.2. Smart Signs

To add smartsign object startup video file



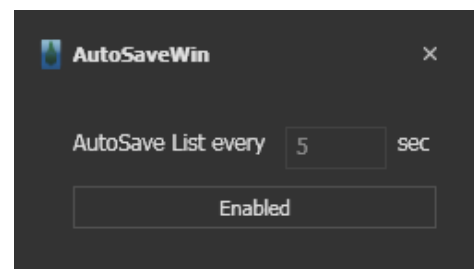
Graphics 99 :Smart Signs

3.5.3. Controls

To disable or enable some warnings and messages.



Graphics 100 :Control Menu



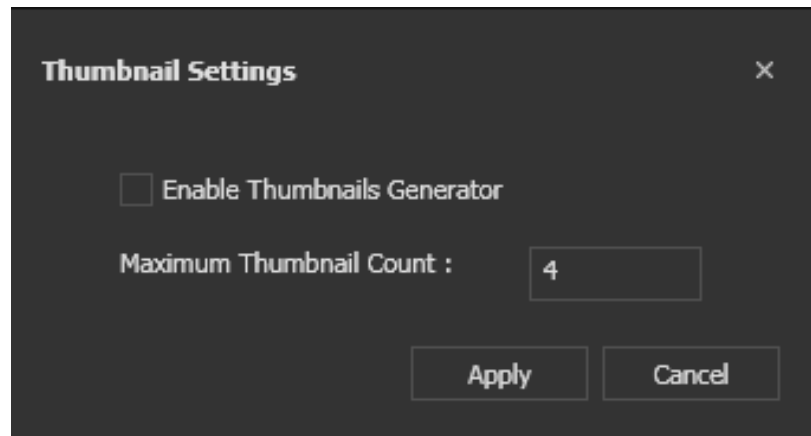
Graphics 101 :Auto Save Window

3.5.4. Auto Save

To set auto save frequency or disable auto saving.

3.5.5. Thumbnail Setting

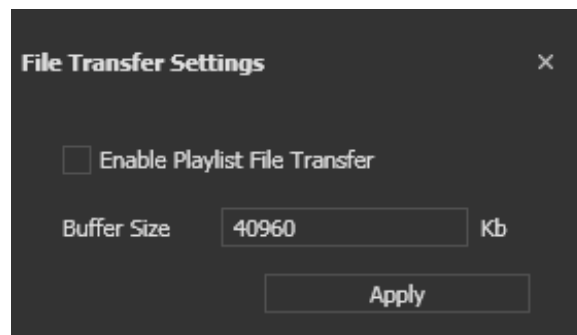
If want to see thumbnail on playlist,thumbnail generator can use.



Graphics 102 :Thumbnail Setting

3.5.6. File Transfer Settings

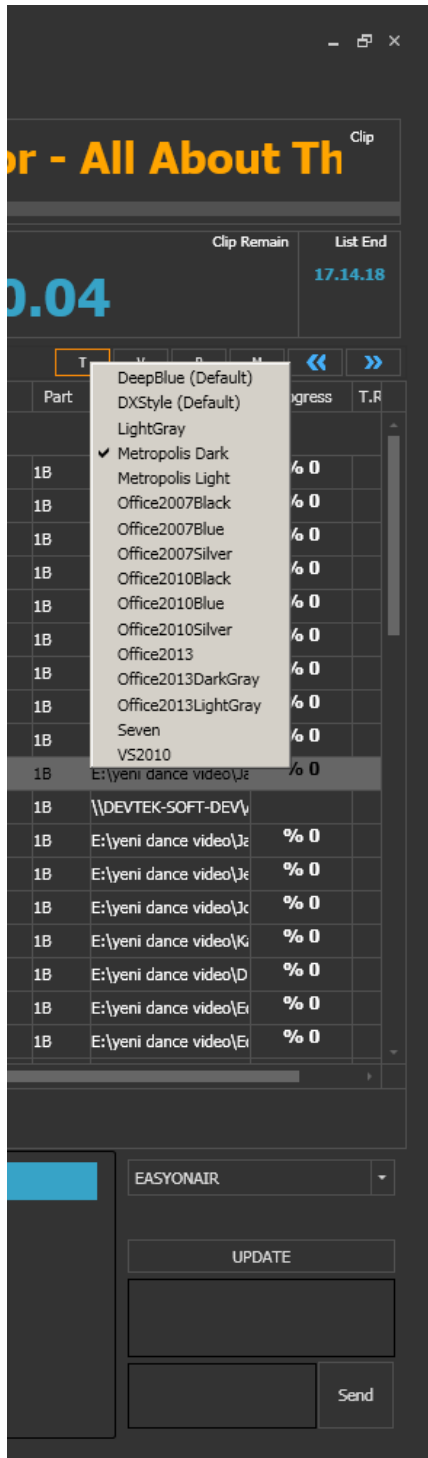
When playout use video files from server,all of files can copy to local bin.



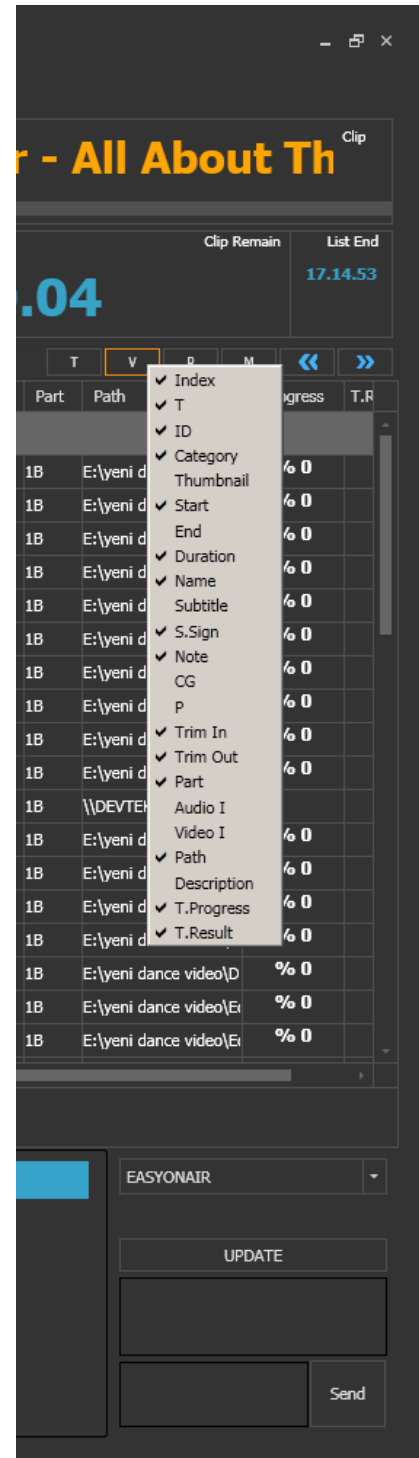
Graphics 103 :File transfer setting

3.5.7. Visual Settings

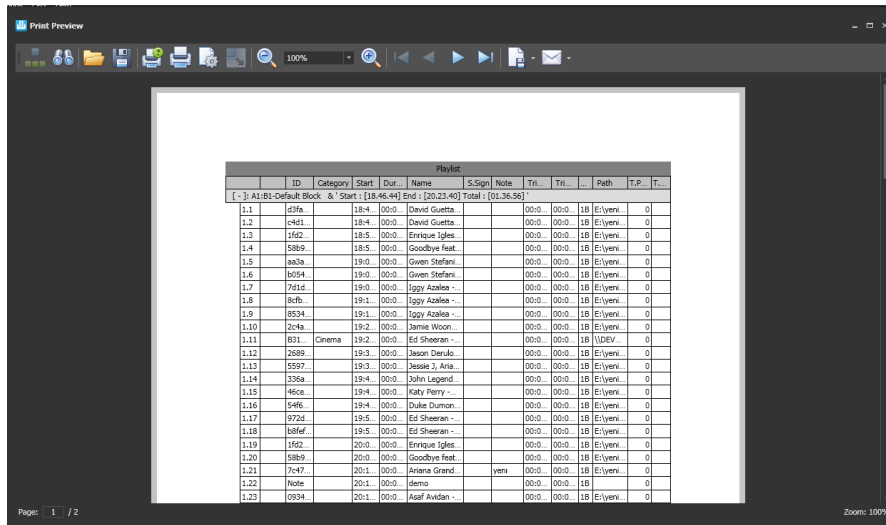
- Theme** : To change program theme (Graphics 104)
- Grid Coloums** : To show or hide clip information (name,duration etc) (Graphics 105)
- Print** : To print playlist (Graphics 106)
- Show Mode** : To change playlist's showing mode (Graphics 107)



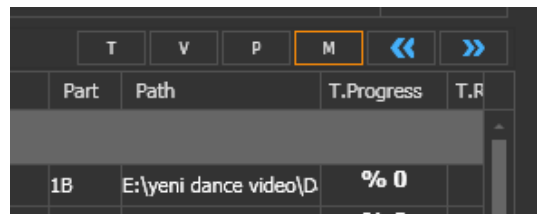
Graphics 104 : Theme Selection



Graphics 105 : Grid Settings



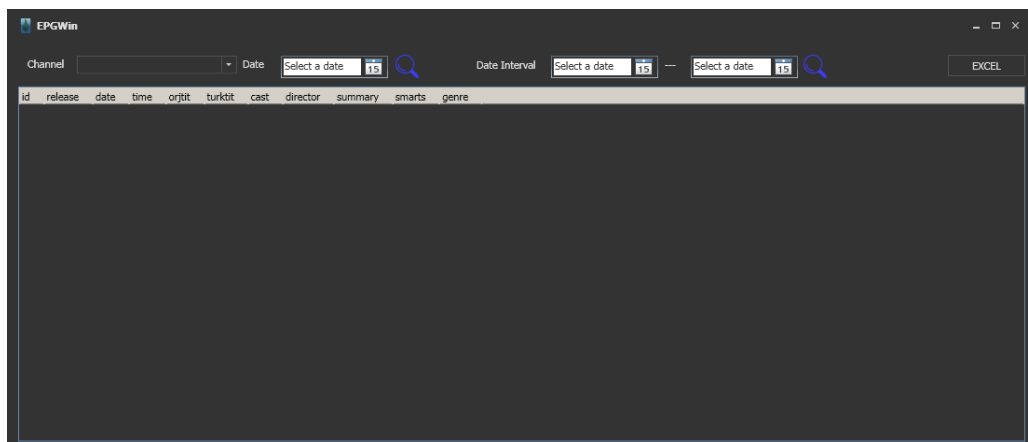
Graphics 106 : Playlist Print



Graphics 107 : Show Mode

3.6. EPG (Electronic Program Guide)

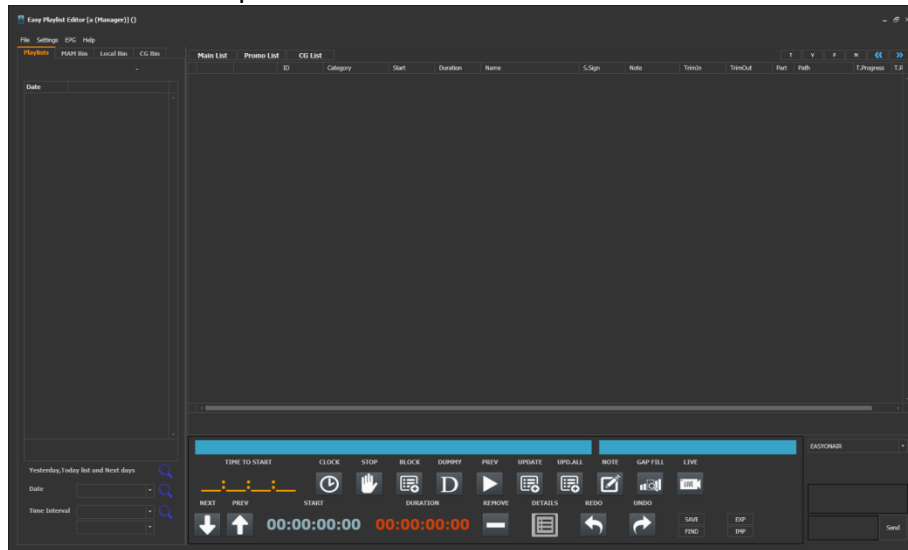
To show epg information. At first select Channel and filter by date. User can export epg information to Microsoft Excel.



Graphics 108 : Electronic Program Guide

4. Offline Mode

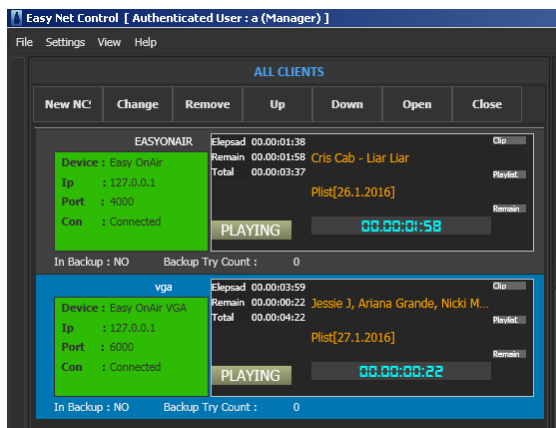
Even there is no connection between the Easy OnAir and users, users can prepare playlist and can save it to local or network place.



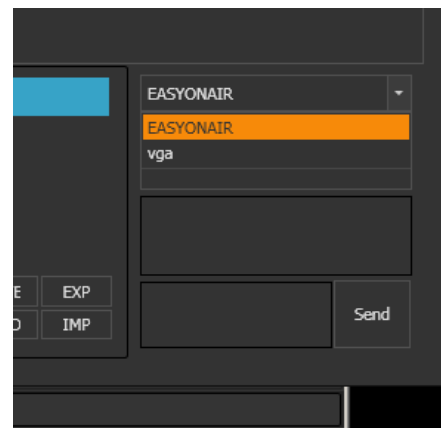
Graphics 109 : Offline Mode

4.1. Channel Selection

Before editing a playlist must select playout which is want to edit or control. To select playout click playout name on the right bottom.(Graphics 111). What name give at the Easy Net Control will see at playout selection tab.(Graphics 111)



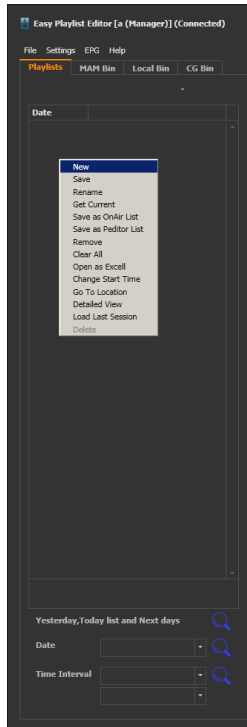
Graphics 110 : Easy Net Control Playout Names



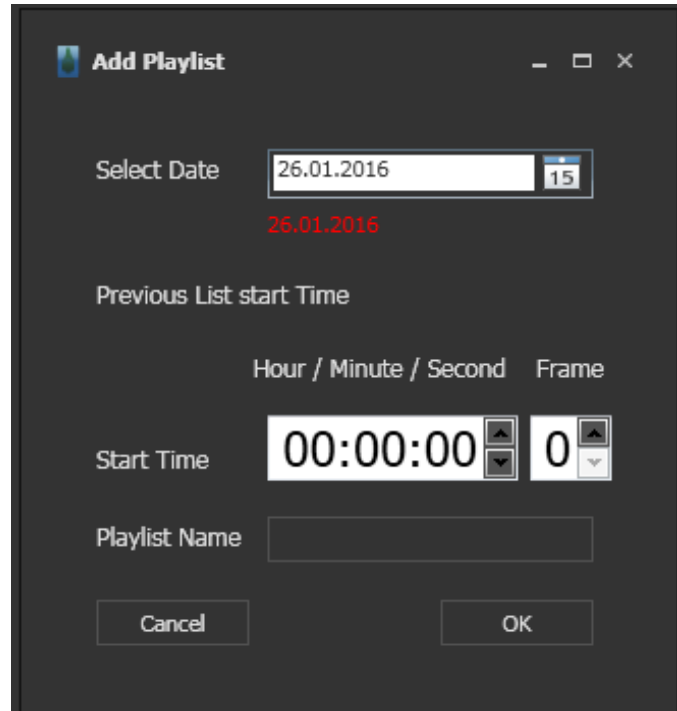
Graphics 111 : Playout Selection

4.2. Creating Playlist

To creating new playlist right click on mouse and select new .(Graphics 112) Playlist features can set at new window which is open after clicking.(Graphics 113)



Graphics 112 : Creating New Playlist

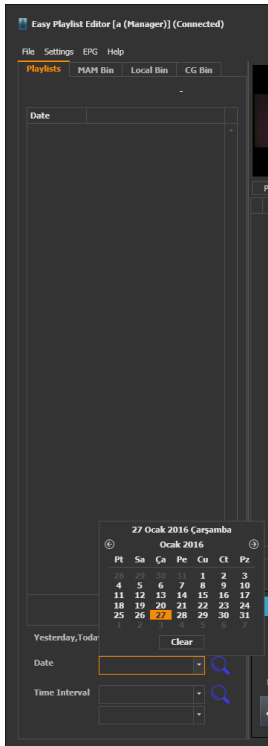


Graphics 113 : New Playlist Settings

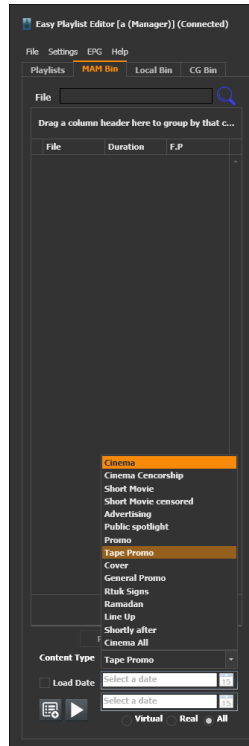
If want to edit a playlist,search by date.(Graphics 114)

4.3. Adding Video File

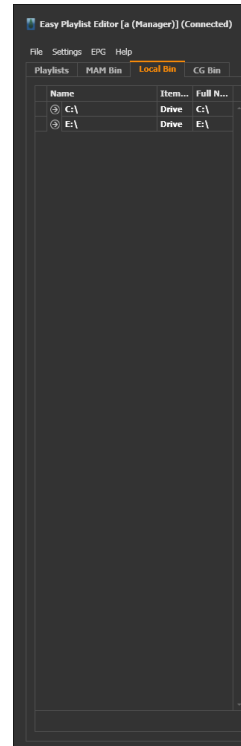
After select playlist can add video file from MAM Bin or Local Bin.(Graphicss 115-116) When adding CG,CG bin uses.While adding file can Drag&Drop.Other way to insert video clip right click on playlist and select insert.Select path and video files from pop up windows.



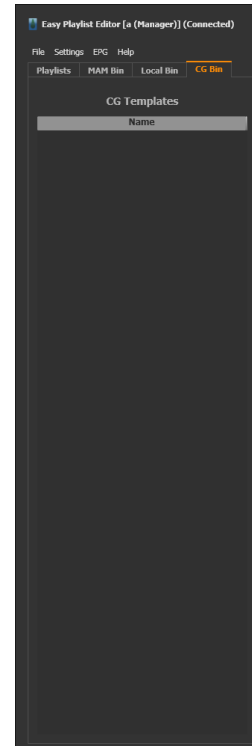
Graphics 114 : Playlist Search



Graphics 115 : MAM bin

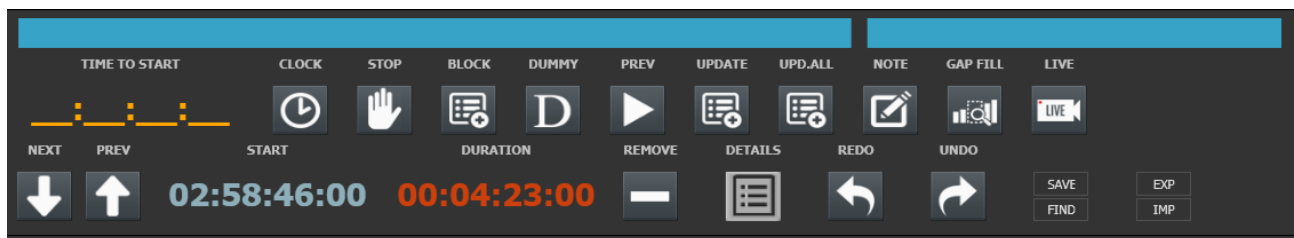


Graphics 116 : Local Bin



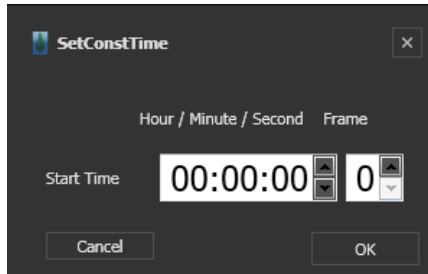
Graphics 117 : CG Bin

4.4. Control Buttons



Graphics 118 : Control Buttons

CLOCK : To set starting time a video clip or live production. When click clock button seen pop up window as graphics 118.



Graphics 119 : Clip start time

1.10	↓	0934f2de		19:20:54:02
1.11	↓	3e157b1d		19:24:25:02
1.12	↓	095dff3b		19:28:46:02
1.13	↓	06c589c2		19:32:09:02
1.14	↓	5e4f9d77		19:36:37:02

Graphics 120 : Stop Icon

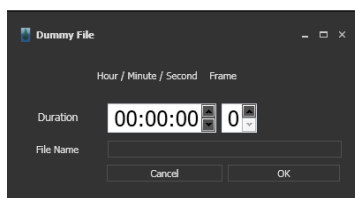
STOP : To stop playlist after selected clip. When last clip before selected finish, playlist stops. And seen a icon on playlist like graphics 120.

BLOCK : To create new file block on playlist. For adding a file to block can drag & drop

	ID	Category	Start	Duration	Name
▶		[-]: A1:B1-Default Block & ' Start : [18.46.44] End : [19.32.09] Total : [00.45.25] '			
▶		[-]: A1:B2-deneme & ' Start : [19.32.09] End : [19.44.12] Total : [00.12.03] '			
▶		[-]: A1:B3-Default Block & ' Start : [19.44.12] End : [21.09.03] Total : [01.24.51] '			

Graphics 121 : Blocks

DUMMY : To set reservation on playlist by creating dummy.



Graphics 122 : Set Dummy

3.5	↓	2c4a8711		20:00:15:02	00:05:19:00	Jamie Woon - Shoulda (Samy Chelly)
3.6	↓	Dummy		20:05:34:02	10:00:00:00	test dummy
3.7	↓	2689721b		06:05:34:02	00:03:43:00	Jason Derulo - Wiggle feat. Snoop D.
3.8	↓	55979885		06:09:17:02	00:04:22:00	Jessie J, Ariana Grande, Nicki Minaj -

Graphics 123 : Dummy on playlist

PREVIEW : To preview, split or trimming a video file previes button is uses. When click button open a pop up window and uses this window for setting up. (Graphics 124)

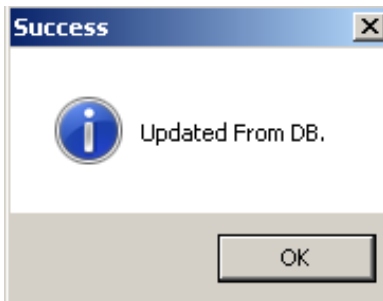


Graphics 124 : Trimming&Splitting

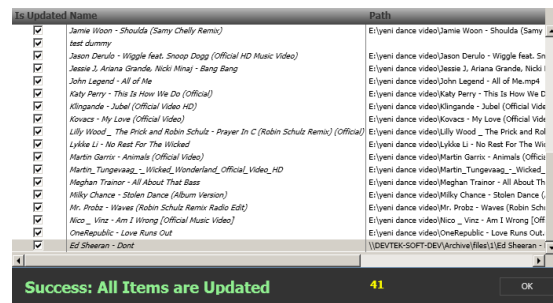
Gwen Stefani - Baby Don't Lie	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Black Widow ft. Rita O.	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Fancy (Explicit) ft. Cha	00:00:00:00	00:00:00:00	1B
Iggy Azalea - Work (Explicit)	00:00:00:00	00:01:02:11	1B
Iggy Azalea - Work (Explicit)	00:01:02:11	00:01:52:07	2M
Iggy Azalea - Work (Explicit)	00:01:52:07	00:00:00:00	3E
Jamie Woon - Shoulda (Samy Chelly	00:00:00:00	00:00:00:00	1B

Graphics 125 : Splitted file

UPDATE : When use video files from MAM server to update files uses the update button. To update more than 1 file uses update all button.



Graphics 126 : Update



Graphics 127 : Update All

NOTE : When insert note on playlist have two way. First right click > Insert Events > NOTE. (Graphic 128) Second way is using note button. But there is a difference between the ways. When use right click, can see the note on Easy On Air and new row. (Graphics 129) When use note button, note can be seen only EasyPlaylistEditor. (Graphics 130)



Graphics 128 : Insert Note

1.11	↓	Note		19:24:25:02	00:00:00:00	Note test	
1.12	↓	3e157b1d		19:24:25:02	00:04:21:00	Austin Mahone - Mmm Yeah ft. Pitbu	
1.13	↓	095dff3b		19:28:46:02	00:03:23:00	Avicii - Addicted To You	
[-]: A1:B2-deneme & ' Start : [19.32.09] End : [19.44.12] Total : [00.12.03] '							
2.1	↓	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Gly	
2.2	↓	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Offici	
2.3	↓	aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 129 : Inserted Note

06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Gly	Note Test 2
6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Offici	
aa3a08f8		19:40:50:02	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	

Graphics 130 : Note button

GAP FILL : When change a clip's start time ,consists of blank time or extra time.

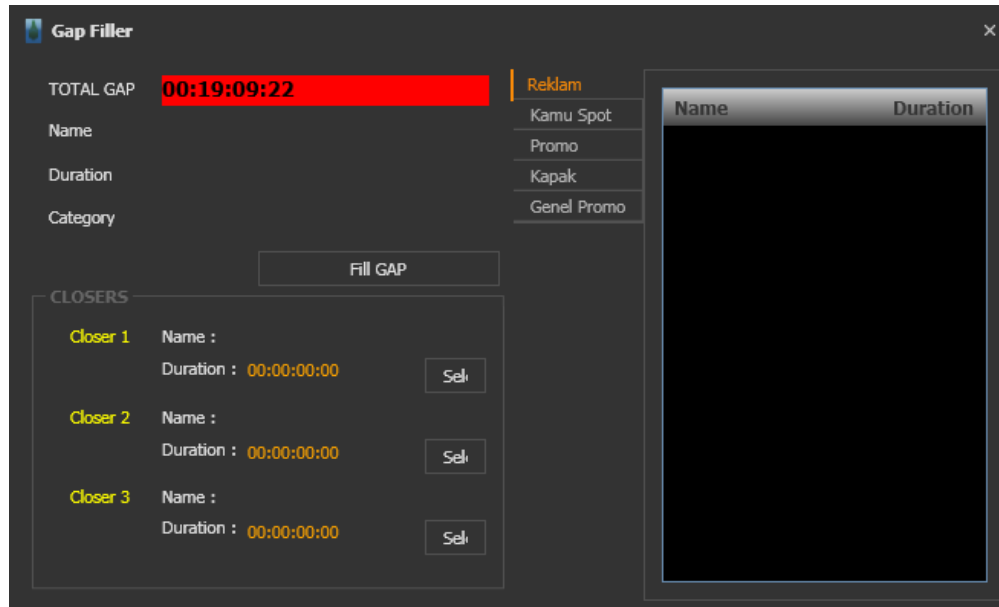
(Graphics 131-132)To arrange time uses the  GAP FILL button.After clicking button open a pop up window to arranging.(Graphics 133)

2.1	↓	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Gly	
2.2	↓	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Offici	
				19:40:50:02	00:59:09:22	GAP(-)	
2.3	🕒	aa3a08f8		20:40:00:00	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	
[-]: A1:B3-Default Block & ' Start : [19.44.12] End : [07.12.20] Total : [11.28.08] '							

Graphics 131 : GAP (-)

2.1	↓	06c589c2		19:32:09:02	00:04:28:00	Clean Bandit - Rather Be ft. Jess Gly	Note Test 2
2.2	↓	6c4f9027		19:36:37:02	00:04:13:00	Coldplay - A Sky Full Of Stars (Offici	
				19:40:50:02	00:05:50:02	GAP(+)	
2.3	🕒	aa3a08f8		19:35:00:00	00:03:22:00	Gwen Stefani - Baby Don't Lie(1)	
[-]: A1:B3-Default Block & ' Start : [19.44.12] End : [07.12.20] Total : [11.28.08] '							
3.1	↓	B31ADAE7	Cinema	19:38:22:00	00:04:51:06	Ed Sheeran - Dont	
[-]: A1:B3-Default Block & ' Start : [20.43.22] End : [08.06.39] Total : [11.23.17] '							
4.1	↓	15F01FCD	Cinema	19:43:13:06	00:03:37:06	Cris Cab - Liar Liar	
4.2	↓	b054fb26		19:46:50:13	00:03:22:00	Gwen Stefani - Baby Don't Lie	

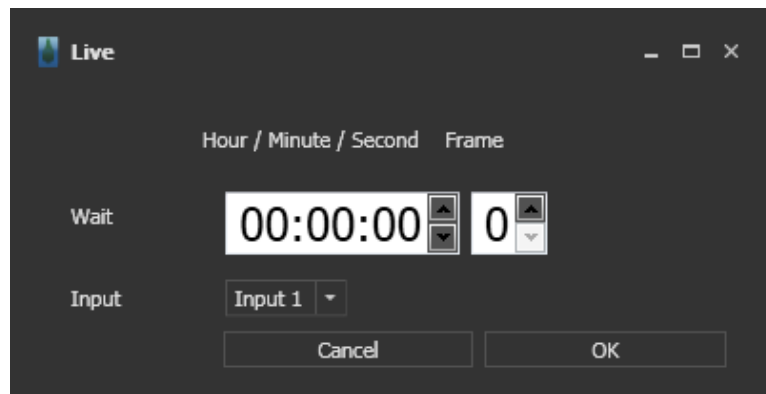
Graphics 132 : GAP (+)



Graphics 133 : GAP FILL Window

LIVE

: If playout has live input option and video input card can be added live input on playlist and select start time.(Graphics 134-135)

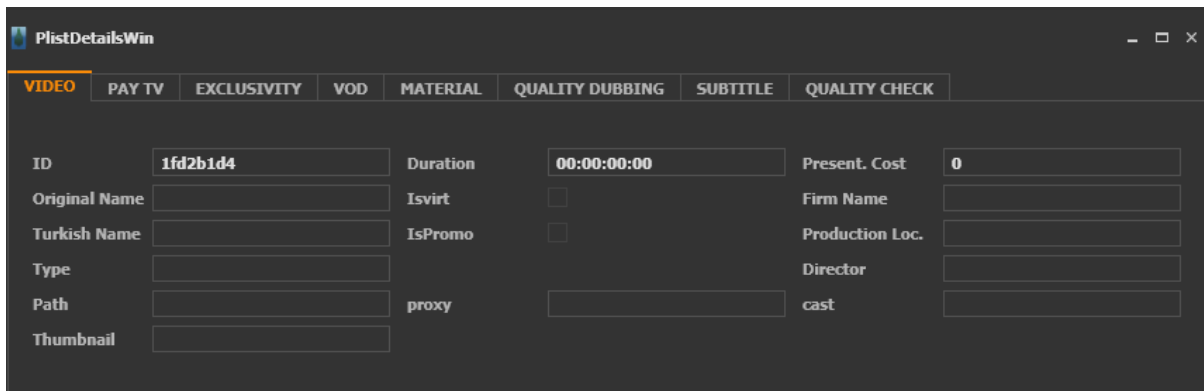


Graphics 134 :Live Input

1.2	↓	64810207		18:49:56:02	00:03:30:00	David Guetta - Without You ft. Usher		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\D	% 0
1.3	↓	5495831b		18:53:26:02	00:03:58:00	Duke Dumont - I Got U (Official vide		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\D	% 0
1.4	↓	Live		18:57:24:02	00:00:00:00	Live!		00:00:00:00	00:00:00:00	1B		% 0
1.5	↓	972dee51		18:57:24:02	00:04:51:00	Ed Sheeran - Dont		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\E	% 0
1.6	↓	b2fe2aa		19:02:15:02	00:04:56:00	Ed Sheeran - Thinking Out Loud [Of		00:00:00:00	00:00:00:00	1B	E:\yeni dance video\E	% 0

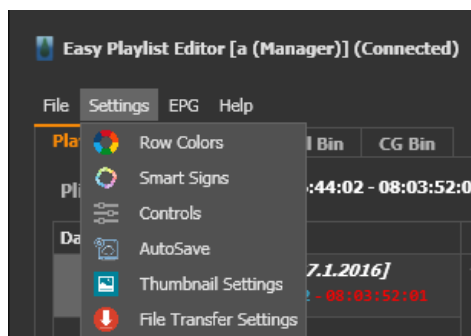
Graphics 135 :Live Input

- NEXT** : To pass up one step on playlist
- PREV** : To pass down one step on playlist
- REMOVE** : To delete selected row
- REDO** : To go forward action
- UNDO** : To go back action
- SAVE** : To save playlist
- FIND** : To find a file on playlist
- EXP** : To export playlist
- IMP** : To import a shared playlist
- DETAILS** : To see detailed informations about selected file



Graphics 136 : Details

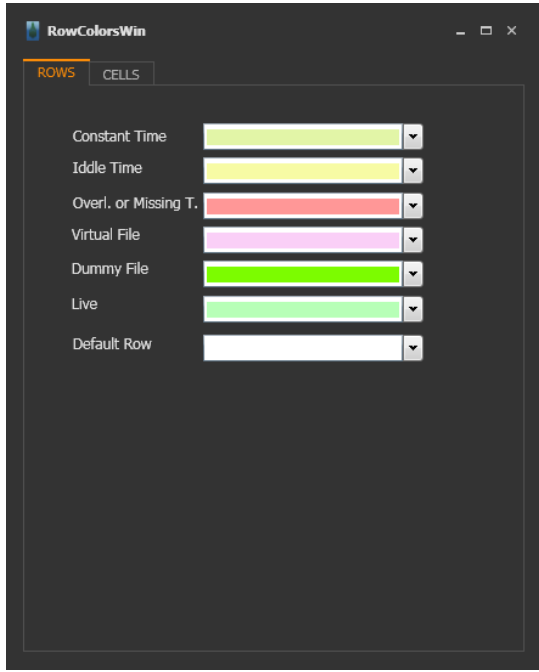
4.5. SETTINGS



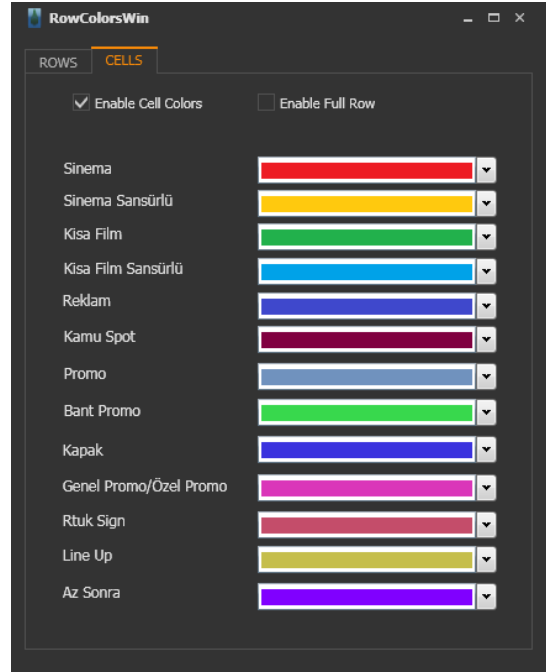
Graphics 137 : Settings Menu

4.5.1. Row Colors

To setup playlist row and cell colors



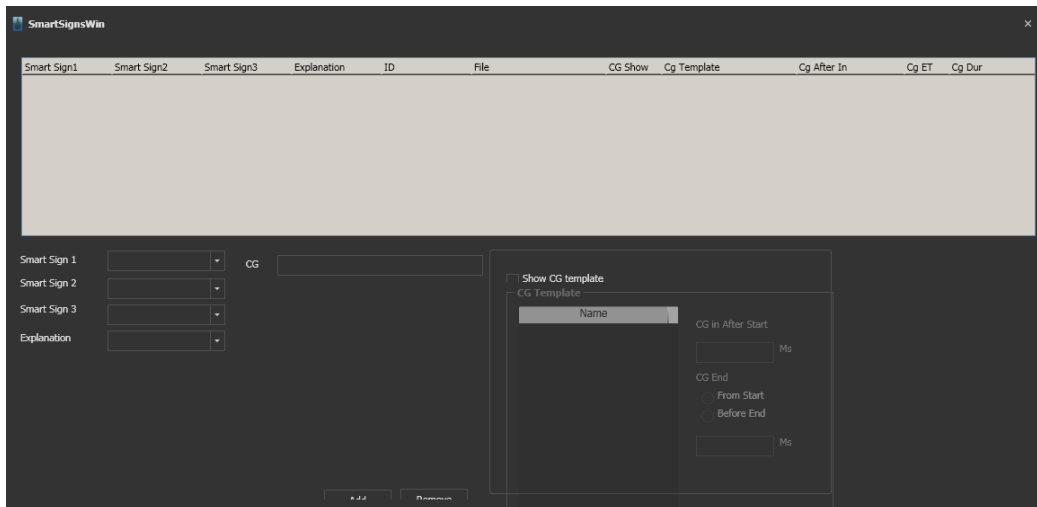
Graphics 138 :Row Colors



Graphics 139 : Cell Colors

4.5.2. Smart Signs

To add smartsign object startup video file



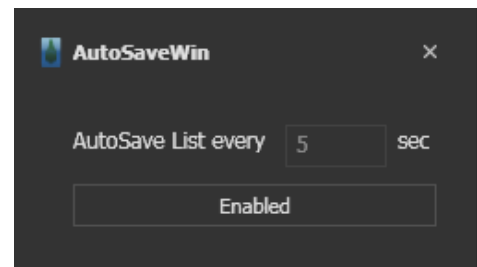
Graphics 140 :Smart Signs

4.5.3. Controls

To disable or enable some warnings and messages.



Graphics 141 :Control Menu



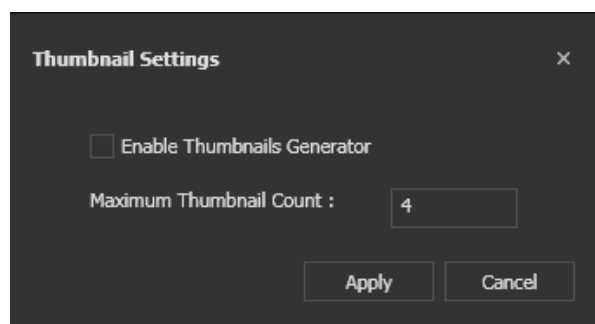
Graphics 142 :Auto Save Window

4.5.4. Auto Save

To set auto save frequency or disable auto saving.

4.5.5. Thumbnail Setting

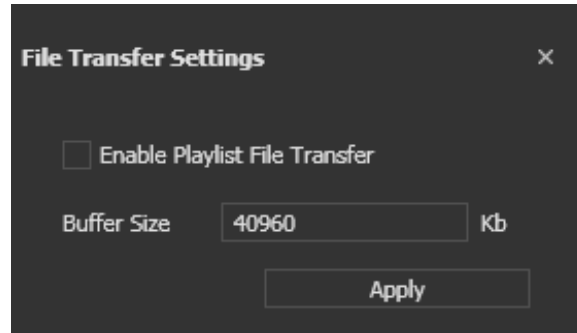
If want to see thumbnail on playlist,thumbnail generator can use.



Graphics 143 :Thumbnail Setting

4.5.6. File Transfer Settings

When playout use video files from server,all of files can copy to local bin.



Graphics 144 :File transfer setting

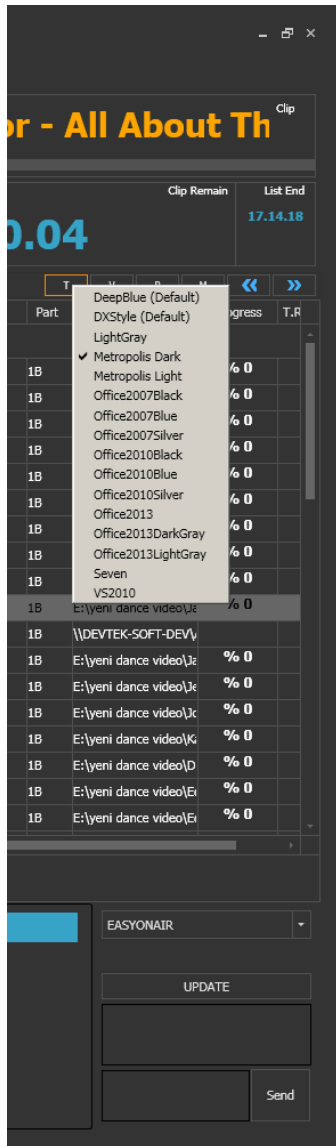
4.5.7. Visual Settings

Theme : To change program theme (Graphics 145)

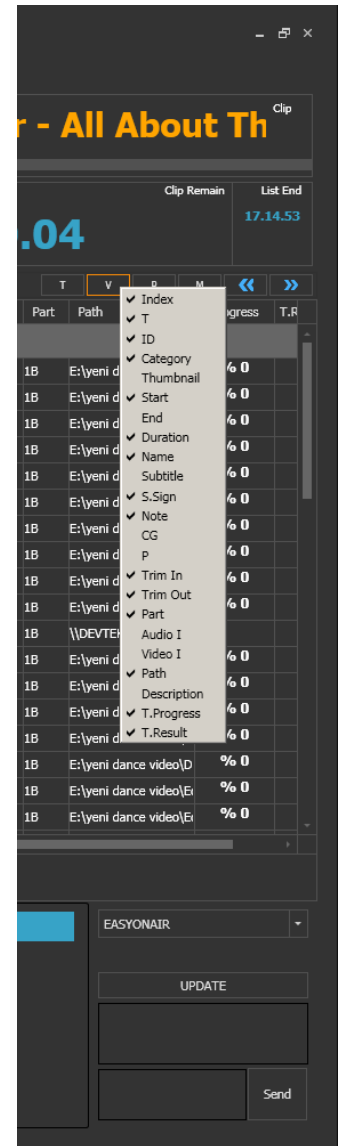
Grid Coloums : To show or hide clip information (name,duration etc) (Graphics 146)

Print : To print playlist (Graphics 147)

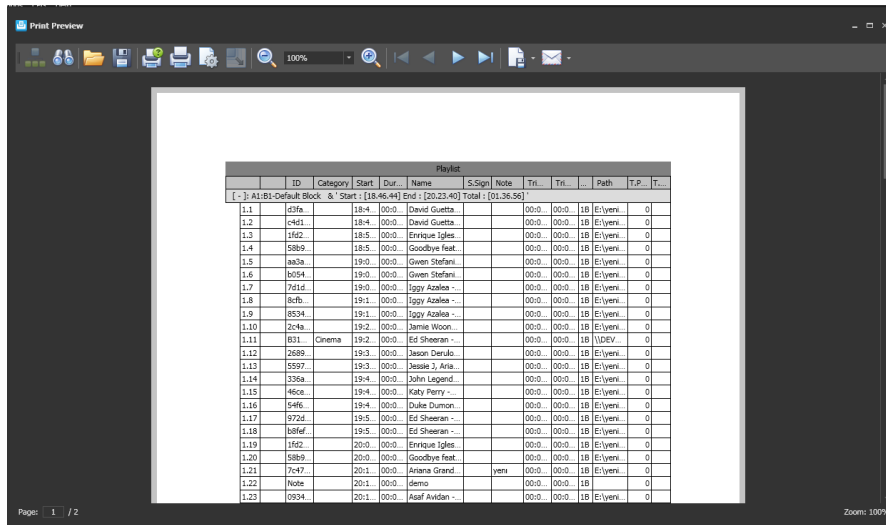
Show Mode : To change playlist's showing mode (Graphics 148)



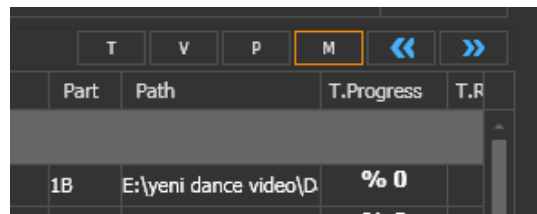
Graphics 145 : Theme Selection



Graphics 146 : Grid Settings



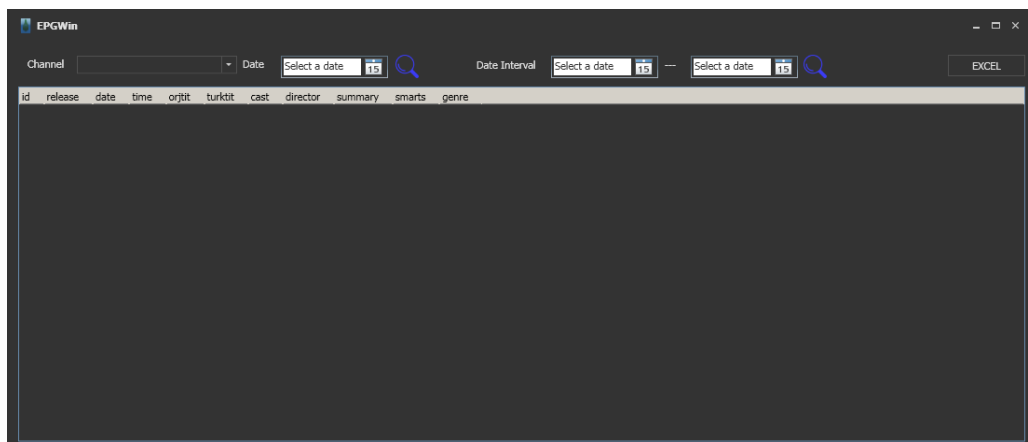
Graphics 147 : Playlist Print



Graphics 148 : Show Mode

4.6. EPG (Electronic Program Guide)

To show epg information. At first select Channel and filter by date. User can export epg information to Microsoft Excel.



Graphics 149 : Electronic Program Guide