EMS

Easy Media Suite

www.easymediasuite.com

EMS
Easy Media Suite

Who are we?

Broadcast Automation easy to use

Module based Software Solutions - Playout, CG, Ingest, Media Asset Management, Automation from the same vendor.

One of the pioneers, that developed Broadcast Solutions, specially divided for different kind of customers - starting from a local small Tv - going to Full Automation for Big Media Centers.

First 4K Playout on Air - not only commercial, but real Channel on Air.

Pre Sales, Sales, Engineers, Solution Architects, Broadcast Developers, Demo Artists are supporting you from the first moment to 24 hours support for your Tv Channel.

Partners worldwide, that is giving the opportunity to the customer to deal with local companies, that speaks their language and knows all the specific needs for their requests.

This are only words, everybody can write them, only with one call, you can assure yourself, that, this is not a commercial, this is just a description of how we work.

Transcoder

Quality ✔ Control

EMS
Workflow

IP

Easy Ingest

SDI

Network

Easy MAM

Easy Net Control

Master
Easy OnAir

SDI

Emergency
Changeover

SDI

Vision Mixer

SDI

Analogue

Easy
Playlist Editor

Easy
Playlist Editor

Slave
Easy OnAir

SDI

Easy CG

SDI Key

SDI Fill & Key

SDI
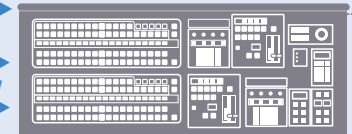
Easy
Stream

IP

Easy
Logo Generator

SDI

EMS
Easy OnAir
SD/HD/4K
Advanced Playout

Overview:

Easy on Air is an easy to use single or multi-channel playout available in SD, HD and 4K. It is universal and stable application that is putting you on Air 24/7.

It can work perfectly like standalone Channel or it can be fully automated via Easy Net Controller, Easy MAM, Easy QC and Easy Playlist Editor.

One of the few Playouts on the Broadcast Market, which has integrated CG.
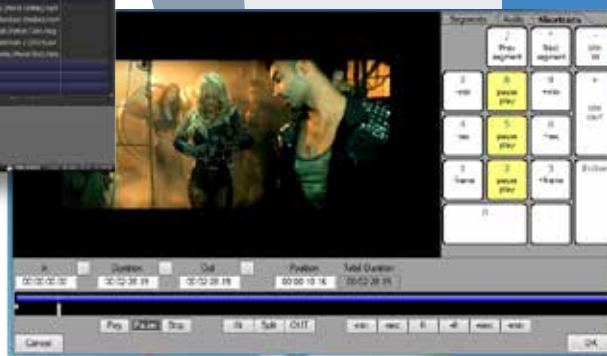
Highlighted Features

• Drag and drop and play any movie file instantly.
• Output : SD, HD and Ultra HD (4K)
• Integrated CG can be used for Logo, Ticker, SMS, Animated Movie, Clock, Timer ect.
• Trim / Split files virtually and select each audio channel separately and listen each audio channel from 16 ch audio.
• Run up t 16 SD channels with graphics in a box.
• Control multiple channels on one PC over network
• Mix different codecs, resolutions, audio sample rates and aspect ratios in one playlist.
• Stream to UDP or RTP in H264 or MPEG-2 as HD or SD in standard of ATSC/DVB or web usage.
• Automatic Cue tone detection and generation.
• Dynamic Audio limiter compressor
• Audio Channel Mapping
• Realtime automatic up/down conversion
• Automatic file caching mechanism for network files.
• Mirroring for redundancy. (With NetControl)
• GPI Trigger input and output.
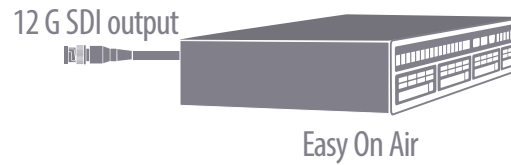• Timecode generation on SDI signal as RP188 standard VITC ot LTC or VITC timecode on Field1 or Field2

S1
1- 4k playout

1 A -) 4k Quad 1080p output

Output
4k Quad
1080p

Easy On Air

1 B -) 4k 12 G SDI output

12 G SDI output

Easy On Air

2 -) Master - Slave Mirror Playout

Easy Net Control

Master
Easy OnAir

SDI

Emergency
Changeover

SDI

Slave
Easy OnAir

3 -) M+ N Backup Playout

Easy Net Control

EOA1
EOA2
EOA2

EOAM
EOABUP1
EOABUP2

EOABUP-N

Matrix Router
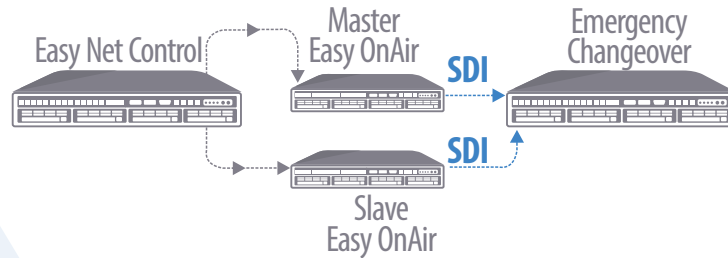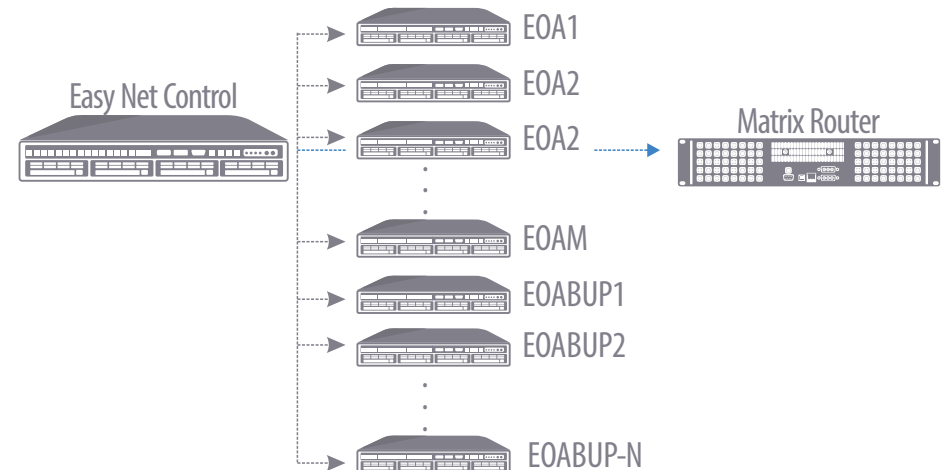
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Easy Playlist Editor

Playlist
Preparation

Overview:

Easy Playlist Editor is an user friendly soft-ware, that helps the users to create quick playlists offline-single or multiple playlists. It is full integrated with the EMS Automa-tion (Easy NetControl, Easy MAM and Easy QC) which makes the process of going on Air-easy, fast, professional and totally auto-mated. Playlists can be prepared as per dif-ferent criteria and parameters that the cus-tomer set in our Easy Mam and Easy Traffic.

Highlighted Features

• Fast , easy and stable preparation of the Play-lists
• User friendly and easy to use interface
• Virtual File is available
• Gap filler possibility
• Showing of the overlapped time
• Edit, Copy and delete Playlists in real time without disturbing the Channel on Air
• Export and Import playlists between multi Channels (Easy on Air Playout)
• Microsoft Windows platform
• File sharing on LAN architecture
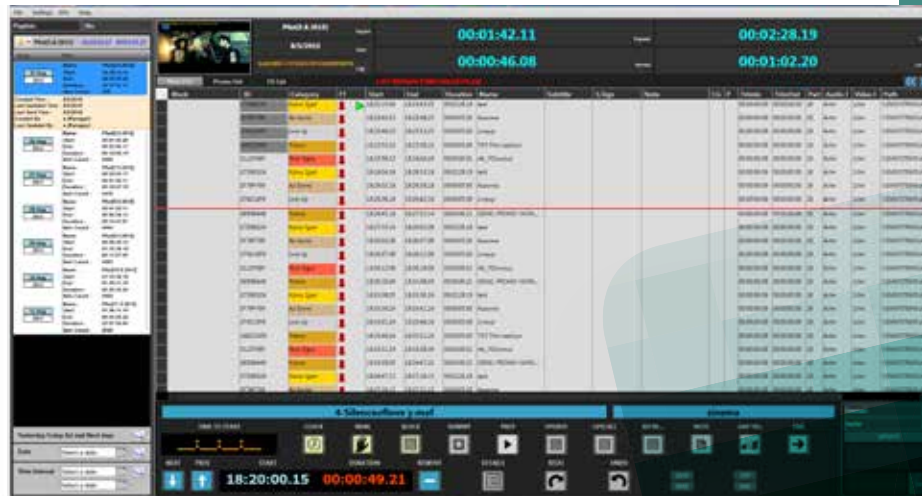
Dummy File

Gap Filler

Scheduler

Fixed Time

EMS

Easy Net Control

The heart of Easy Media Suite

Overview:

Easy Net Control is the software, that manages, control and automate all the processes and modules from Easy Media Suite Portfolio.Via it you can control, manage single channel or multi channels remotely.
Everybody are speaking for full automation, but what real automation means saving from investment, saving from employees, this is what Easy Net Control will do. Except managing many channels from one person, you will also sleep good, because for every fails or change in the system you will receive an email - warning you.

Highlighted Features

• Multiple Easy OnAir, Easy CG, Easy Ingest and Easy Stream can be controlled from one computer over network.
• Can help to build redundant Playout or Stream Encoders or Ingest Servers
• Can help to build m+n back-up for playout, ingest and stream encoder servers.
• Can control Matrix Router
• Can transfer files from storage to local drive automatically (for Playout)
• 3rth party traffic systems can integrate to Easy OnAir with the help of NetControl
• Easy OnAir and DVB Subtitle systems integration is available.
• Easy Playlist Editors are interact with Easy NetControl so it helps to integrate with Playout and Playlist updated.
• Sending email at emergency cases.
• Can extendable with Easy Media Suite and 3rth party applications.

EMS
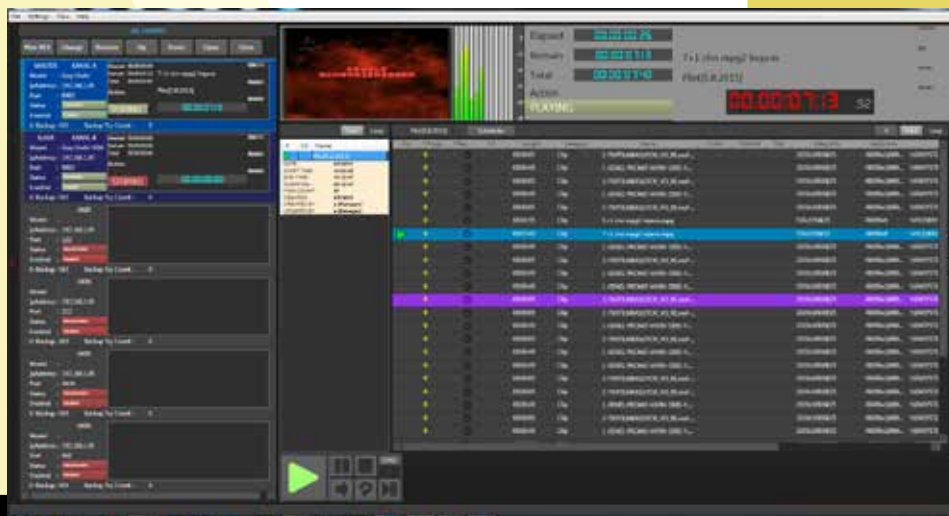
Easy CG & Easy CG plus

SD/HD/3D/4K
Graphics Generator

Overview:

Easy CG is a comprehensive software, that allows any TV Channel to put their graphics on Air straight away without any compromise in quality and flexibility.

It is perfectly designed for News Channels, Weather Channels, Business Channels, music Channels and for anyone, that wants to brand its Channel easy, fast and eye catching.

Highlighted Features

EASY CG
• Live Graphics Overlay on SDI signal.
• Key and Fill output.
• SD, HD, Ultra HD (4K) Outputs
• Multi-Layer Graphics
• Graphics are 24 bit (TrueColor) with 8 bit alpha channel (256 transparency levels).
• De-interlacing and anti-flicker display guarantee the proper output of images and live video.
• Pre-Multiplied Key or Straight Alpha selections.
• Meta –data entry to projects to find fast in a live show.
• Online Text effects

• News Ticker template preparation with timeline ***
• Collaborative workflow with multi user ***
• Weather condition application ***
These ***properties are supported with Easy CGPlus and it is optional

SDI monitor

Audio Monitor

Graphic Overlaid Video Signal

SDI

SDI

Graphic Overlaid Video Signal

Vision Mixer

TICKER

Easy CG

Graphic Overlaid Video Signal

Live **SDI**

Analogue

SDI monitor

Audio Monitor

SDI

Vision Mixer

SDI

TICKER

Easy CG

SDI Key

SDI Fill & Key

TV logo

7 DAY FORECAST

MON	TUE	WED	THU	FRI	SAT	SUN
112	101	103	112	107	103	101
98	96	94	98	97	94	95

EMS
Easy Ingest
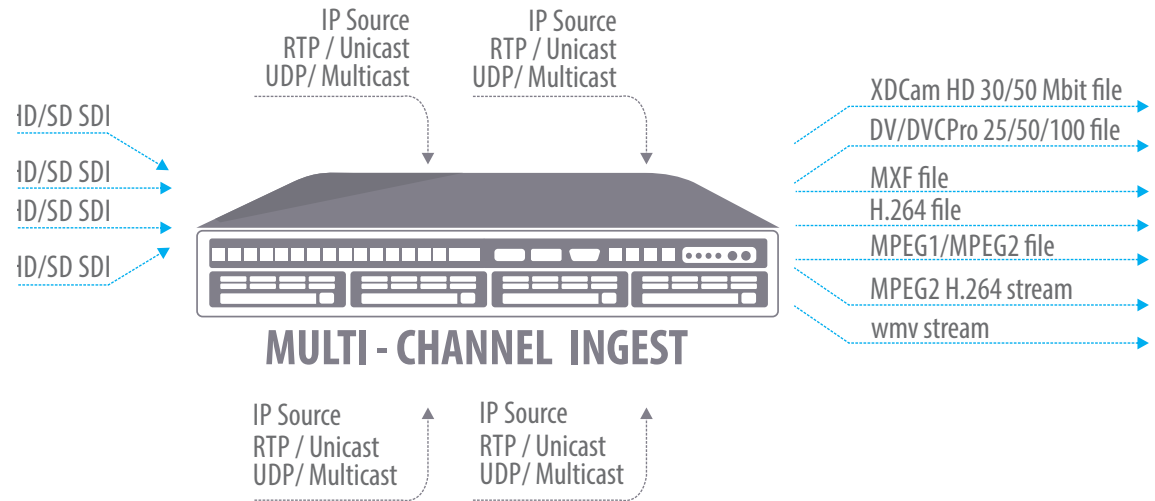## SD/HD

Overview:

Any broadcaster knows that the first phase in any workflow is the ingest process. Our Easy Ingest changed the common definition for it, because of the additional functionalities, that it has. Easy Ingest can capture, record, stream, transcode any kind of video files simultaneously. High level Solution, that is perfectly suitable for any media production environment.
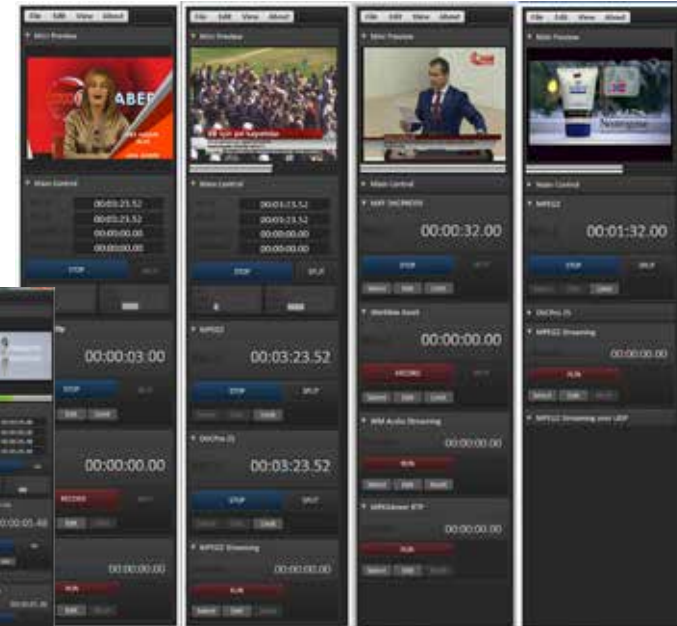
Highlighted Features

• Multiple Source and Format
• Re-streaming. Easy -re-streaming of a stream, to a Flash Media Server, Wowza Server or a Windows Media Server, MPEG2 Transport Streams over UDP, TCP or RTP protocols.
• Common File Format Options with SD&HD and Resolutions.
• Automated File Transfer and Removal After ingesting
• Remote Access and Control The Easy Ingest workstation
• Frame Rate, Aspect Ratio, Resolution

• Pre-Record Easy Ingest- capturing delay compensation option

• Time & Date Overlay Easy Ingest overlays time and date, separately on each recorded file or stream for different purposes.

• User-friendly interface
• Customizable user interface
• Previewing of the last 10 media records
• Recalling of the last user interface settings
• System and software status indicators
• Log records
• Help console

IP Source
RTP / Unicast
UDP/ Multicast

IP Source
RTP / Unicast
UDP/ Multicast

HD/SD SDI

HD/SD SDI
HD/SD SDI

HD/SD SDI

XDCam HD 30/50 Mbit file
DV/DVCPro 25/50/100 file
MXF file
H.264 file
MPEG1/MPEG2 file
MPEG2 H.264 stream
wmv stream

MULTI - CHANNEL INGEST

IP Source
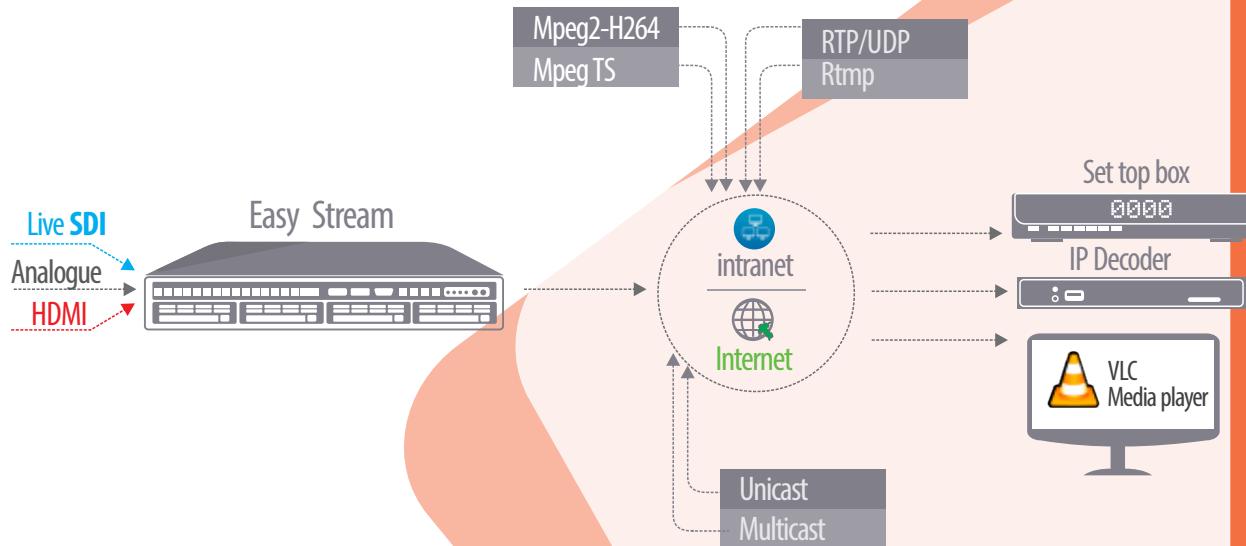RTP / Unicast
UDP/ Multicast

IP Source
RTP / Unicast
UDP/ Multicast

✦ EMS

Easy Stream & Easy Multi-Stream

Overview:

Easy Stream

Easy stream is an application, that is perfectly designed for Playout Centers.It is giving the easy opportunity to send their signals from a local studio directly to the main Location via metro Ethernet.It makes the way between local and main facilities shorter, faster and saving al the additional Expenses.

Easy Multi Stream

Just imagine, that you want to view every camera in your facility separately, when they are located in an office, that is not on the same location, like you are, and you have only one network available, then you can encode with Easy MultiStream and convert them to a bucket stream and you can check the camera outputs one by one.

Workflow

Live **SDI**
Analogue
HDMI

Easy Stream

Mpeg2-H264
Mpeg TS

RTP/UDP
Rtmp

intranet

Internet

Unicast
Multicast

Set top box
0000

IP Decoder

VLC
Media player

Highlighted Features

Easy Stream & Easy Multi Stream

• HD and SD MPEG-2, H264 Video Codec, MPEG II Audio Layer2 and AAC Audio Codec
• MPEG TS Multicast / Unicast Stream Support
• RTP/RTMP/UDP Streaming Support
• Multiple Audio Stream Service in a single Transport Stream
• Record the stream output to file.
• Remoote control of server, Client Server based.
• ATSC/DVB Standard MPEG TS output.
• Multiplexer statistics and information.
• Back-up working with Easy NetControl.

EMS
Easy
Multiview

Overview:

Easy Multiview is a software-only* application that allows users to view and control multiple remote systems from a single desktop.

You can view any common source-IP, Analogue or SDI Any source IP, Analog or SDI. You can view them or record, depend on your needs.

It doesn't matter if you need to view single or multichannel, the quality of the picture and the flexibility of the Product, is giving you the perfect idea, what is on Air.

Highlighted Features

Easy Multiview
• RTP/RTMP/UDP/RTSP Network sources can Record and Shown at Multiview Output.
• MPTS or SPTS streams can accept as source
• Multiple Audio Stream Services can accept and decode to multiview.
• HD / SD SDI, Analog, HDMI Source can used.
• Mixed sources can show or record at the same time.
• Weather Forecast and Clock (Different Times can show at the same time) seen at multiview
• 1-2-4 Monitor can used as output.
   • 9-11 or any other view matrix can be set on screen.
   • Server-Client based topology.
   • Auto-restart of settings with restart.
   • Can be controlled over mobile devices.

* Please, request an online demo:
info@easymediasuite.com

EMS
Easy MAM

Overview:

Easy MAM is an affordable and scalable Solution, that provides all the necessary tools to help the user to manage, organise and specify all of his files.
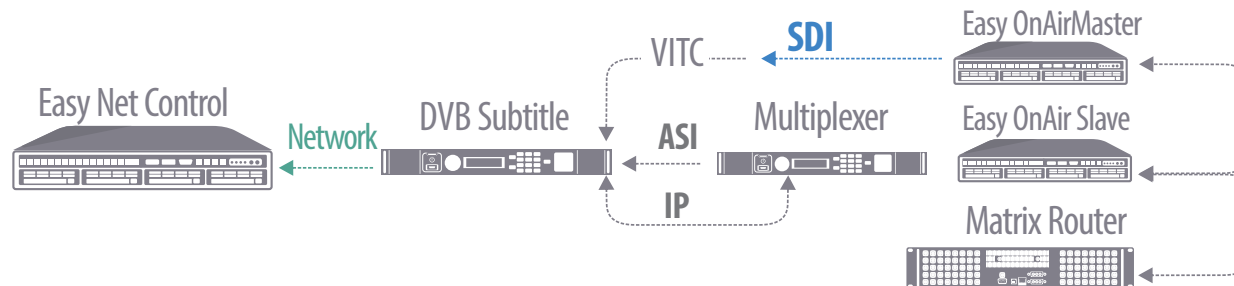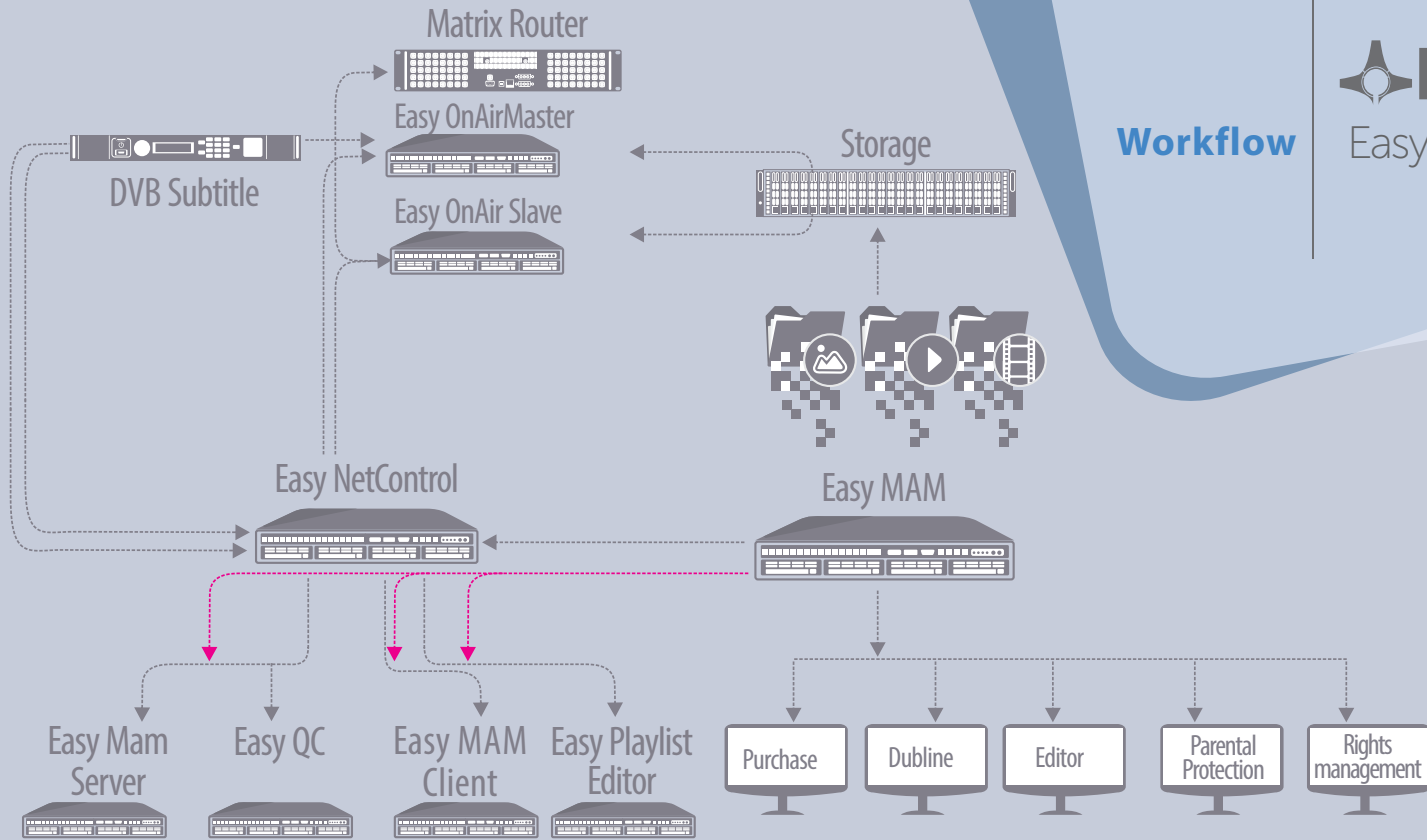
Easy MAM is fully integrated with all EMS Solution, which makes the Process of transcoding, quality check, manage, play and brand the Channel only in few clicks.

Highlighted Features

• A centralized multimedia content catalogue
• Easy to use, scalable, affordable Solution
• Simple and advanced Search
• Search on category or different criterias
• Available partial retrieval
• Easy to configure
• Third part integration
• Rights Management
    • Database driven
    • Secure and fast sharing
    • Organizing assets easy

Matrix Router

Easy OnAirMaster

DVB Subtitle

Storage

Easy OnAir Slave

Easy NetControl

Easy MAM

Easy Mam Server

Easy QC

Easy MAM Client

Easy Playlist Editor

Purchase

Dubline

Editor

Parental Protection

Rights management

EMS
Easy MAM

Workflow

Easy Net Control

Network

DVB Subtitle

Multiplexer

VITC

SDI

ASI

IP

Easy OnAirMaster

Easy OnAir Slave

Matrix Router

EMS
Playout Center Solution

Overview:

EMS is happy to announce , that we released a new Solution, specially designed for Playout Centers- Uplink and Telekoms. It consists of high quality Playout(Easy on Air) with integrated Graphics(Easy CG) and totally automated via NetController. Tv Channels can control their content remotely without any disturbing in the main Playout, via Easy Playlist Editor. The Easy Quality Check is checking all the files, so this is giving additional guarantee, that everything, that goes on Air will be with perfect high standard. In addition, Easy Ingest is making all the workflow totally completed. It Captures all the programs and they can be provided to the government as per as different country regulations. It can be 30, 60 or 90 days.

EMS Playout Center Solution includes:

1.Easy On Air
Easy on Air is an easy to use single or multi channel playout available in SD, HD and 4K. It is universal and stable application that is putting you on Air 24/7.

2.Easy CG
Easy CG is a comprehensive top that allows any TV Channel to put their graphics on Air straight away without any compromise in quality and flexibility.

3.Easy Ingest
Our Easy Ingest changed the common definition for it, because of the additional functionalities, that it has. Easy Ingest can capture, record, stream, transcode any kind of video files simultaneously.

4.Easy Quality Check
Quality check is a innovative EMS Products, that check and analyses all the media files. During loading the playlist it checks all , that don't allow any broken or damaged file to go On Air.

5.Easy Playlist Editor
Easy Playlist Editor is an user friendly software, that helps the users to create quick playlists offline-single or multiple playlists.

6.Easy Net Control
Easy Net Control is the software, that manages, control and automate all the processes and modules from Easy Media Suite Portfolio.Via it you can control, manage single channel or multi channels remotely.
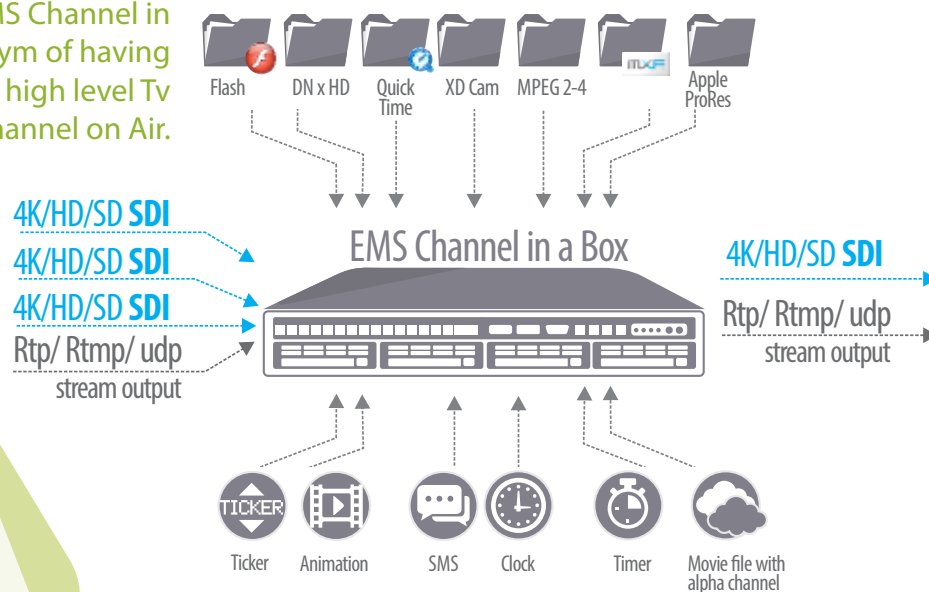
This Solution is module based and can be configured as per as the customer needs.

EMS
Easy
Channel
in a Box

Having the EMS Channel in a Box is synonym of having a professional high level Tv Channel on Air.

Overview:

EMS Channel in a Box incorporates the EMS Products into an integrated Solution available in SD and HD, that allows you to go on-air with one workstation only. You can simply and simultaneously play, ingest and brand your channel 24/7 with perfect quality and less investment.

Flash   DN x HD   Quick Time   XD Cam   MPEG 2-4   Apple ProRes

4K/HD/SD **SDI**
4K/HD/SD **SDI**
4K/HD/SD **SDI**
Rtp/ Rtmp/ udp
stream output

EMS Channel in a Box

4K/HD/SD **SDI**
Rtp/ Rtmp/ udp
stream output

Ticker   Animation   SMS   Clock   Timer   Movie file with alpha channel

Easy on Air
Easy OnAir is one of the most efficient and integratable playout solutions that gives to the broadcasters the opportunity to be on-air considerably easier than any other play-out workstations. It is an universal and 24/7 automated solution, available in SD/HD/4k, capable of representing all common video formats. Perfectly designed for live events as well, allowing the user to perform any changes in real-time, without disturbing the running playlist.

Easy CG
Easy CG is the right software for every broadcaster to get graphics on-air straightaway and without any compromise on quality and flexibility.
With this branding solution you can create, control and display various multimedia Graphics in real time.

Easy Ingest * Optional**
Easy Ingest will help you to ingest, transcode and stream simutanously.It supports all common video files in HD, SD, PAL and NTSC.
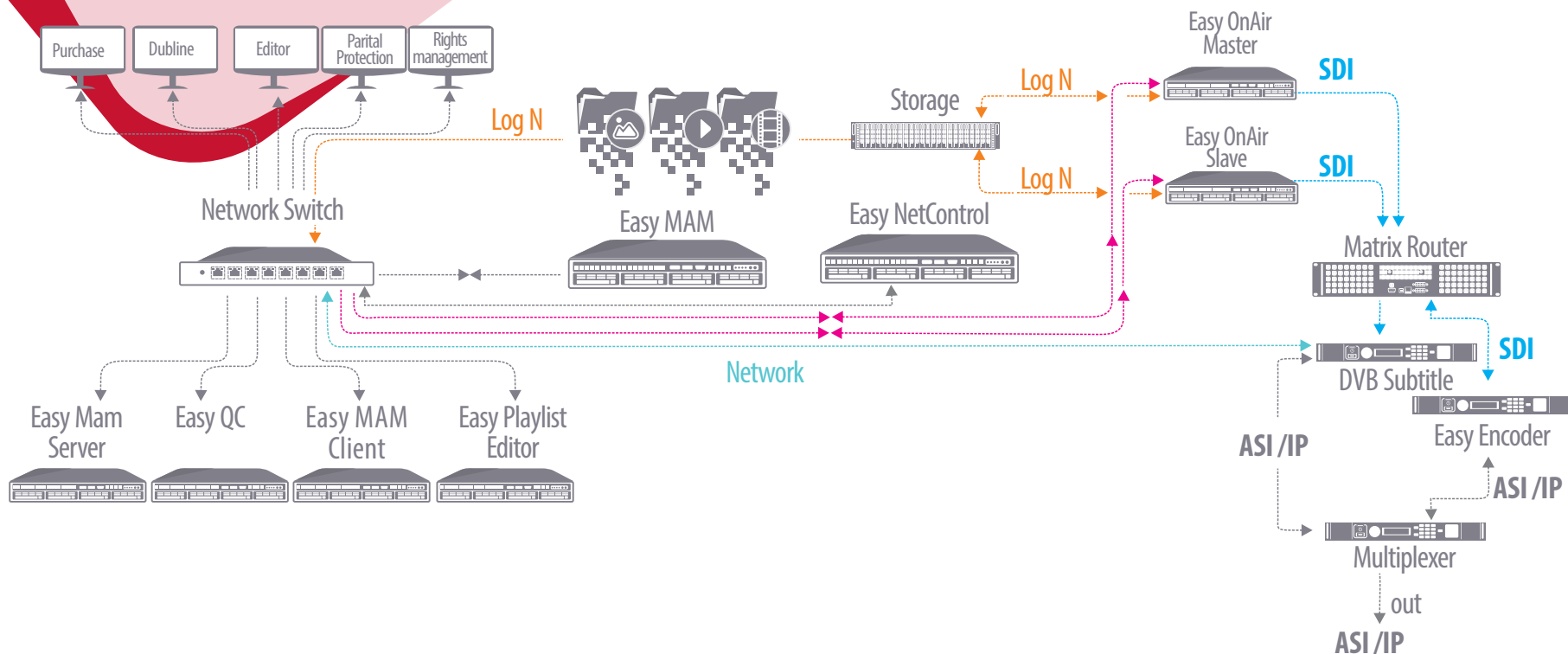
EMS
Easy Movie Channel

Overview:

EMS Movie Channel is inspired and driven by our Movie Channels Customer needs. We have designed with 5 Major Tasks.
1. To save there time
2. To automate their Process
3. To save budget cutting all additional softwares and make solution A to Z

4. Cut the number of employees
5. Organize the process from purchasing to dubbing, edit, partial right and go to Air.
It increase the commercial income and this automatically brings customer to satisfaction.

Purchase | Dubline | Editor | Parital Protection | Rights management

Log N

Network Switch

Storage

Log N

Easy OnAir Master

SDI

Easy OnAir Slave

SDI

Log N

Easy MAM

Easy NetControl

Matrix Router

Easy Mam Server | Easy QC | Easy MAM Client | Easy Playlist Editor

Network

SDI

DVB Subtitle

ASI /IP

Easy Encoder

ASI /IP

Multiplexer

out

ASI /IP

Our partners are

EMS

Easy Media Suite
Devtek Bilişim Elektronik San. Tic. Ltd. Şti.

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