

Product Sheet

MediaNewsPlay

News Playout in Studio/Production Control Room Application Module

SI MEDIA s.r.l.

HeadQuarters: Via Vostanza, 5 - 31039 Riese Pio X (TV) - Italy

T +39 0423 750075 **F** +39 0423 750150 **E** info@si-media.tv

www.si-media.tv

 @SIMedia1978

 SI Media

APAC Branch Office: 21 Serangoon North Ave 5, #06-04

Ban Teck Han Building, 554864 Singapore

T +65 8432 5394

MediaNewsPlay

MediaNewsPlay can operate in three modes: managing the *rundown* created with **MediaNews** (the SI Media application for NRCS) or "*stand alone*" where stories and their contents to put on air are added manually by the user or using the "MOS protocol" in order to interface all the third party Newsroom Computer Systems MOS in compliance.

MediaNewsPlay manages the broadcasting of news events, handling the integration between playout and the world of news.

Key Features:

- Full playback control of the media
- Capability of editing (cut-cut) on-the-fly
- Device Control : Master Control Switcher, CG and Teleprompter
- Full compatible with NLEs and 3rd party NRCS via MOS protocol
- Manual/Automatic playout video server with A/B Roll support



Full playback control of the media

MediaNewsPlay through a command bar located in the center of the screen provides maximum control over the clips present in the rundown and allows the user to play a clip, stop it, go to the next one, loop or pause it. All of these features can be managed through the use of a Jog & Shuttle device or similar.

A countdown shows the time remaining at the end of the story on air, and **MediaNewsPlay** informs the user also about the duration of the rundown.



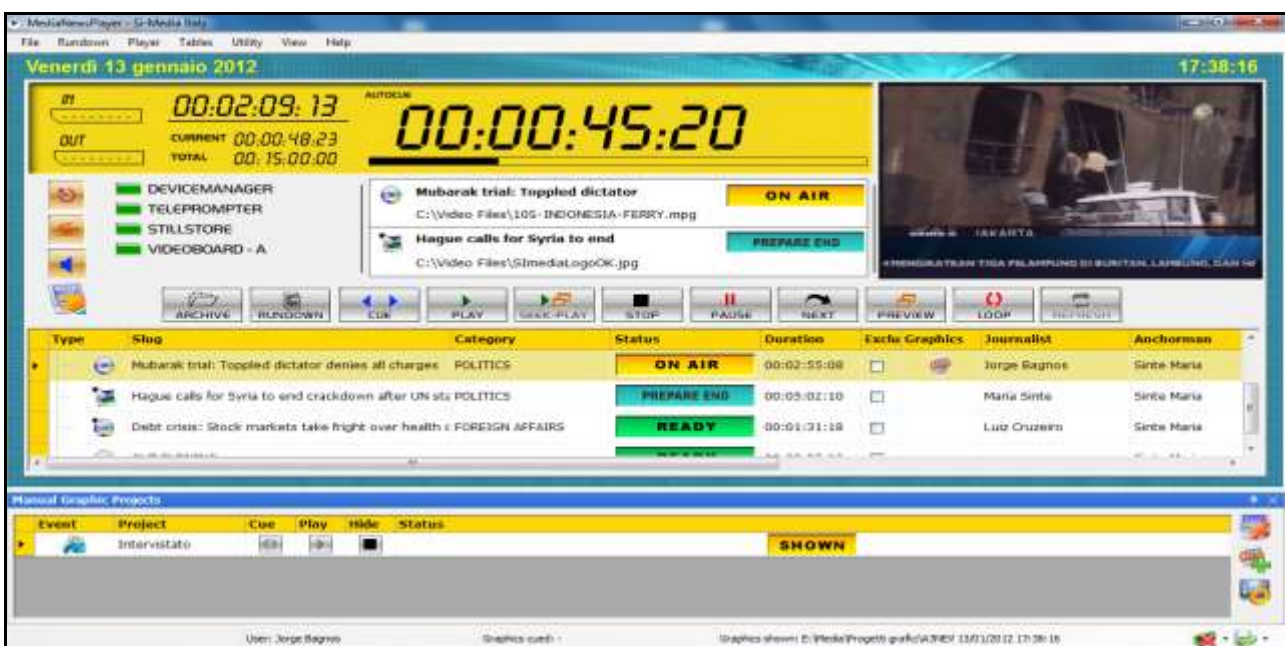

The screenshot displays the MediaNewsPlay interface. At the top, there are time displays: 'IN' (00:02:09:13), 'OUT' (CURRENT 00:00:48:23, TOTAL 00:15:00:00), and a large 'AUTOCLIP' countdown (00:00:45:20). Below these are status indicators for 'DEVICEMANAGER', 'TELEPROMPTER', 'STILLSTORE', and 'VIDEOBOARD - A'. The main area shows a rundown list with columns for 'Type', 'Slug', 'Category', 'Status', 'Duration', 'Exclu Graphics', 'Journalist', and 'Anchorman'. The first item is 'Mubarak trial: Toppled dictator' (ON AIR, 00:02:55:08) by Jorge Bagnos and Sinte Maria. Other items include 'Hague calls for Syria to end crackdown after UN str' (PREPARE END) and 'Debt crisis: Stock markets take fright over health c' (READY). A playback control bar is visible below the rundown.



The screenshot shows the MediaNewsPlay interface with a 'Modifica clip' dialog box open. The dialog box contains a video preview window showing a sunset scene. The clip name is '9 stacco rete_MPEG2_422P_PAL'. The 'Punto di inizio' (Start point) is 00:00:00, the 'Punto di fine' (End point) is 00:00:10:08, and the 'Durata' (Duration) is 00:00:10:09. There are 'OK' and 'Annulla' buttons at the bottom of the dialog. The background interface shows a rundown list with columns for 'Tipo' and 'Descrizione', and a 'PRONTO' button at the bottom right.

Graphics and text insertion

MediaNewsPlay is able to manage the graphics on air in automatic or manual mode. In this way the management of graphics and text insertion becomes extremely flexible. The integration with **MediaCG Live** allows the user to manage singly the objects of a graphic project or change titles or texts for crawl in last minute way or even with the project already on-air.



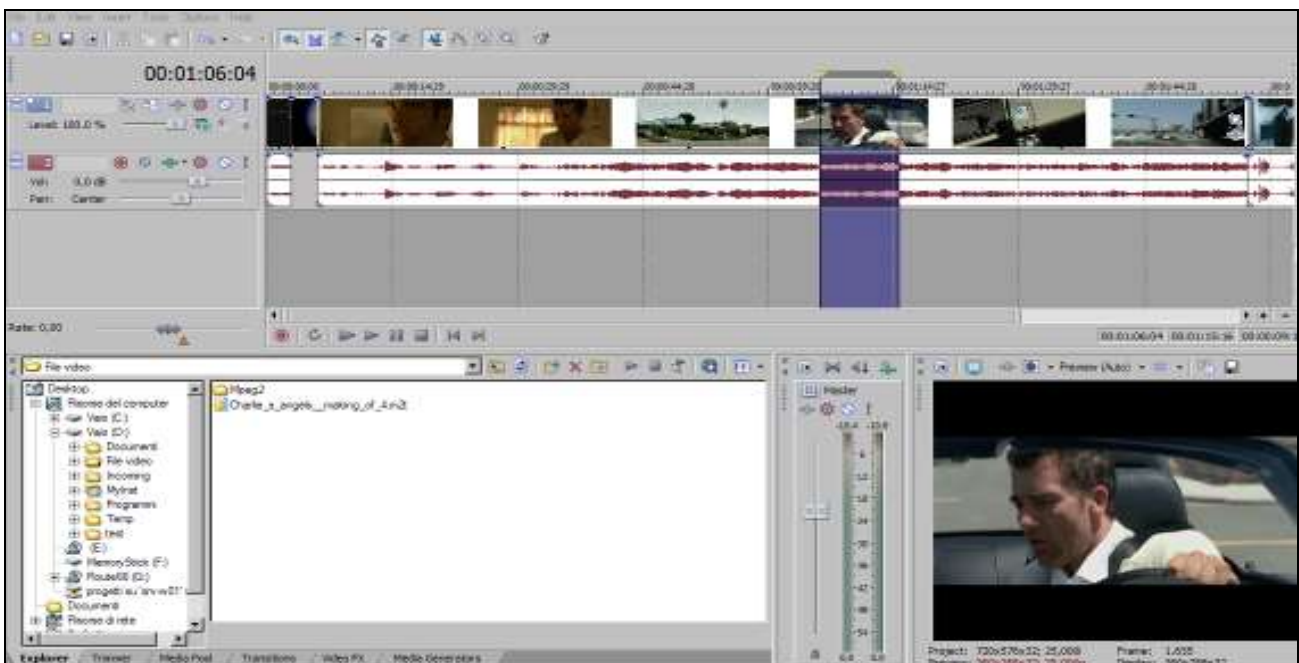
Device Control: Master Control Switcher, CG and Teleprompter

MediaNewsPlay is able to integrate and control the typical features of a teleprompter, managing the text of stories created by journalists.

Directly in the rundown **MediaNewsPlay** allows the user to see and modify the text of the stories in order to send to the teleprompter the last second changes.

Full compatible with NLEs and Si-Media Newsroom (or similar)

MediaNewsPlay can play files created with most popular nonlinear editing systems currently in use (Avid MediaComposer, Apple FinalCut Pro and Express, Adobe Premiere CS, Sony Vegas Pro and Edius GrassValley) integrating them into the rundown in a simple and fast way. Using **MediaStore** (Media Asset Management developed by SI Media) in this process the system is able to normalize the files to copy in the archive.



Manual/Automatic playout video server with A/B Roll support

MediaNewsPlay is a player that can be configured to use one or two video decoders (i.e. A/B Roll) in order to manage transitions between two clips commanding the *master control switcher*.

Decoder and video formats

MediaNewsPlay is the SI Media playout application but the real playout of the files takes place through a physical DECODER. There are two different types of decoders: the first type is a decoder board installed in the same machine where **MediaNewsPlay** runs, the second one is inside an external Video Server.

The main Video Servers **MediaNewsPlay** is able to control are:

- OMNEON (now HARMONIC)
 - Spectrum (including Channel Port and Media Center)
 - MediaDeck
- HARRIS
 - NEXIO
- EVS
 - XT
 - XS
- GRASS VALLEY
 - K2
- DVS
 - Venice
- XOR-MEDIA
 - MediaClient
 - MSV-1200

SI Media's versatility lets the customer choose the best solution for himself.

In the IT solutions proposed by SI Media we usually use AJA Video System boards; LSe and LHe+ are the models used for the automation. Each video board has analog and digital\SDI output that can be used at the same time. The LHe+ model can support both the SD and the HD format.

The image shows an AJA OEM-LHe+ video board.



These are the specifics of AJA Boards we use for play out process.

SPECIFICATIONS

OEM-LH

PCI and PCI-X compatible

OEM-LHe

PCIe 4-lane compatible

Video Input

Digital:

HD-SDI/SDI, SMPTE-259/292/296

Analog:

SD and HD Input, BNC

HD: YPbPr, RGB

SD: YPbPr, RGB (component mode)

Composite/YC (composite mode)

12-bit A/D

Video Output

SD and HD Output, BNC

YPbPr, RGB

SD: YPbPr, RGB (component mode)

Composite/YC (composite mode)

12-bit D/A

Video Formats

SD:

525i 29.97

625i 25

HD:

720p 50

720p 59.94

720p 60

1080i 25

1080i 29.97

1080i 30

1080p 23.976

1080psf 23.976

1080p 24

1080psf 24

1080p 25

1080psf 25

1080p 29.97

1080psf 29.97

1080p 30

1080psf 30

Audio Input

2-channel 16/24/32-bit AES/EBU

sample rate

(asynchronous or Non-synchronous

sample rate conversion)

16/24/32-bit SMPTE-259 SDI embedded

audio, 8-Ch, 48kHz synchronous

Analog:

2-channel balanced input

+24dbu Full Scale Digital

16/24/32-bit A/D, 48 KHz sample rate

+/- 0.2db 20 to 20 KHz Frequency Response

Audio Output

Digital:

2-channel 16/24/32-bit AES/EBU, 48KHz

sample rate

16/24/32-bit AES/EBU, 48 KHz sample rate

16/24/32-bit SMPTE-259 SDI embedded

audio, 8-Ch, 48 KHz synchronous

Analog:

2-channel balanced output

+24dbu Full Scale Digital

16/24/32-bit D/A, 48 KHz sample rate

+/- 0.2db 20 to 20 KHz Frequency Response

Down-Conversion

Hardware 10-bit output, 16/24/32-bit internal

processing

Anamorphic: full-screen

Letterbox: image is reduced with black top

and bottom added to image area with the

aspect ratio preserved

Crop: image is cropped horizontally

Machine Control

RS-422, Sony 9-pin protocol Connector pro-

vided on OEM-LH/LHe breakout cable and

on optional KL-Box.

Reference

Analog Color or HD Tri-level

1 BNC on standard breakout cable (75 ohm

terminating)

KL-Box (optional): 2 BNCs, passive loop