

Technical Document – Release Version 3.0

Product Sheet

# MediaNews

**News Room Computer System for Rundown preparation  
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

## MEDIANEWS

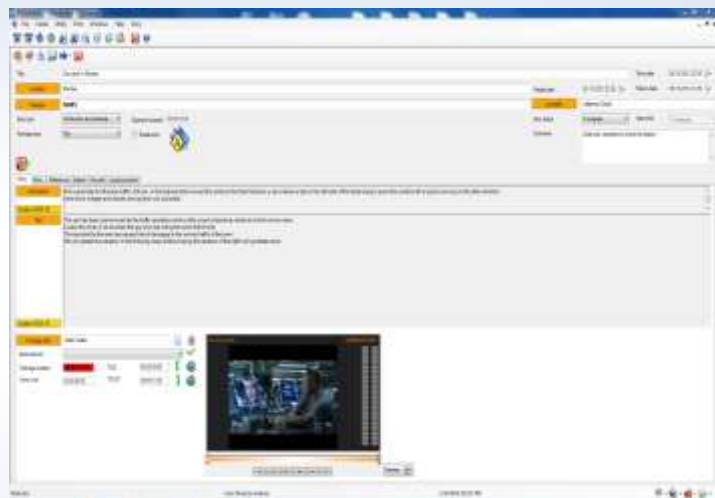
**MediaNews** is the SI Media application for NRCS (News Room Computer System). The application is hardware independent, scalable, adaptable to each user's workflow and to the language in use.

**MediaNews** can be used in production, post-production, newsroom and/or live studio working environments. The Chief-Editor has full control of all the available tools and contents.

**MediaNews** includes script and rundown editing system, agency wires and RSS browsing, stories archiving and searching, exporting of contents using EDL to NLE software, provides integrated low-resolution (i.e. proxy) video browsing and supports MOS protocol.

### Key Features:

- Newsroom's workflow management
- Integrated text editor
- Customizable interface
- Appointments calendar
- Wires management
- Template feature
- Rundown management
- Integrated graphics management
- Rundown cost calculation
- Full integration with MAM MediaStore
- Integrated ingest module
- Integrated Proxy-editing

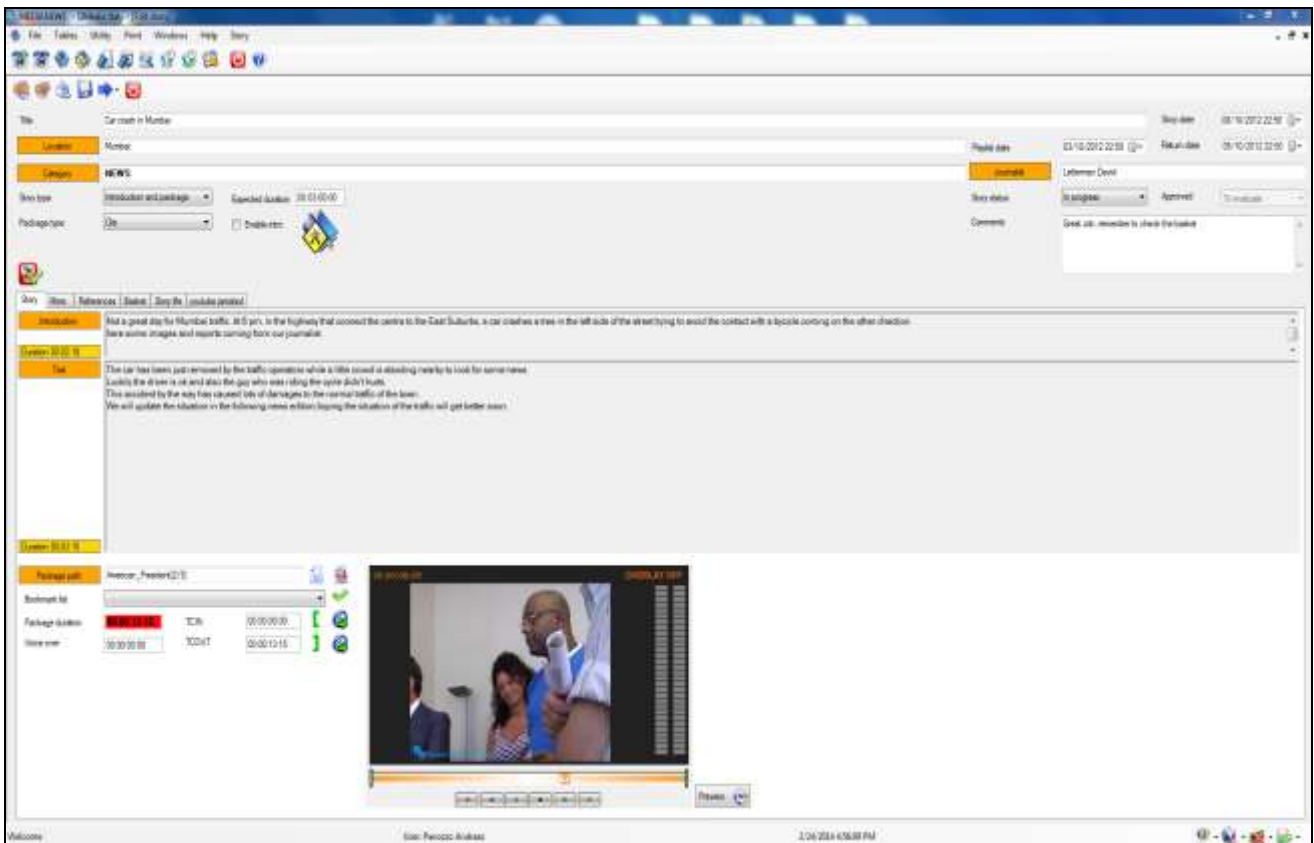


## Newsroom Workflow Management

**MediaNews** allows to: create and edit stories, manage rundowns, MAM access, export contents to NLE software, editing stations and others.

The editor-in-chief can assign one or more to-do-stories to each journalist, as soon as they finish he can approve or reject the stories writing what needs to be changed.

In every moment each journalist has a full view of all stories he has still to complete, and the editor-in-chief can always check the progress of each one of them.



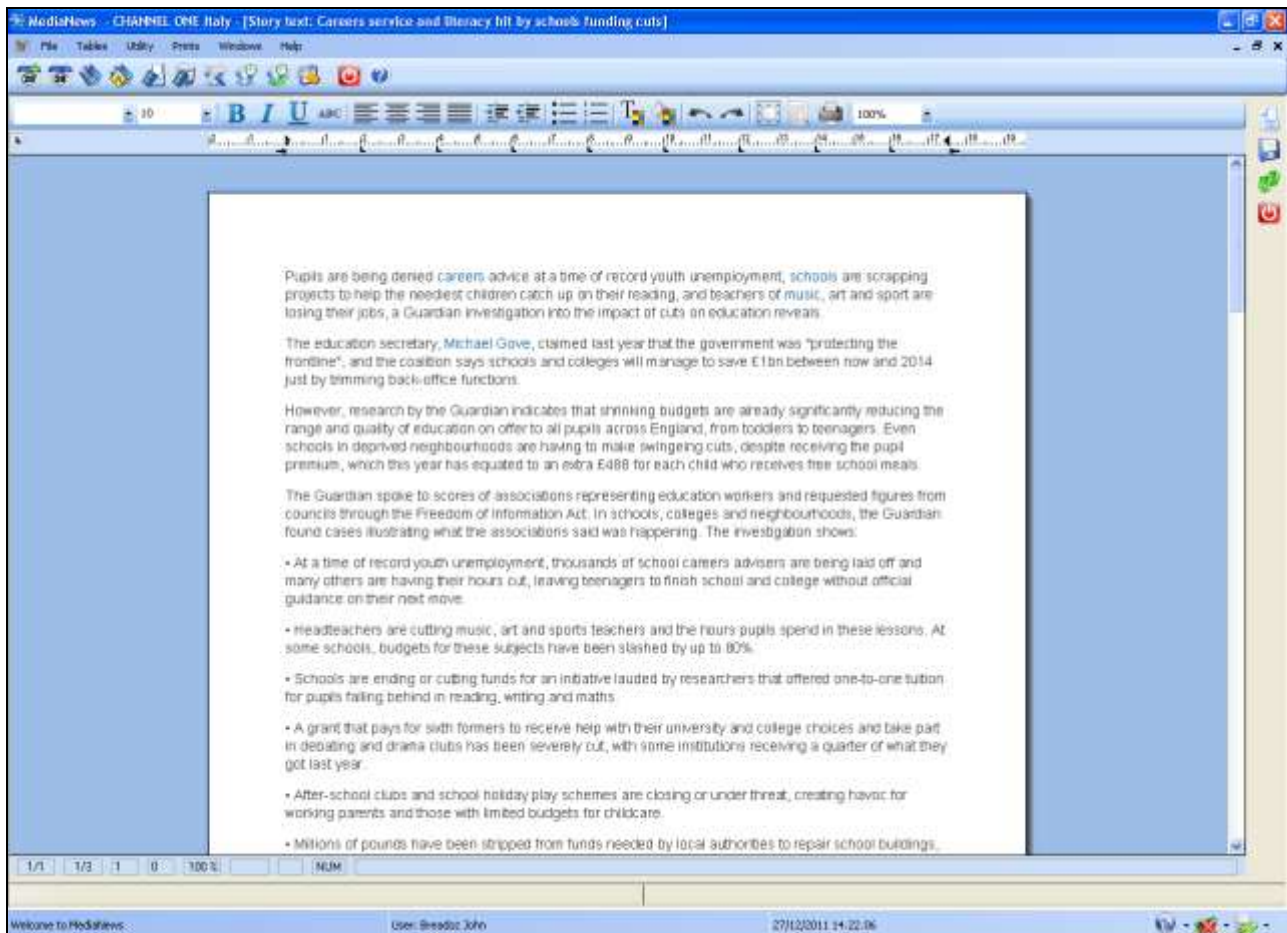
( MediaNews, Story editing )

**MediaNews** locks the assigned text in order to prevent simultaneous editing and has also an auto-save option to prevent losing of unsaved stories.

The application includes a notification system that sends e-mails automatically to journalists and operators when a new story has been assigned to them.

## Integrated Text Editor

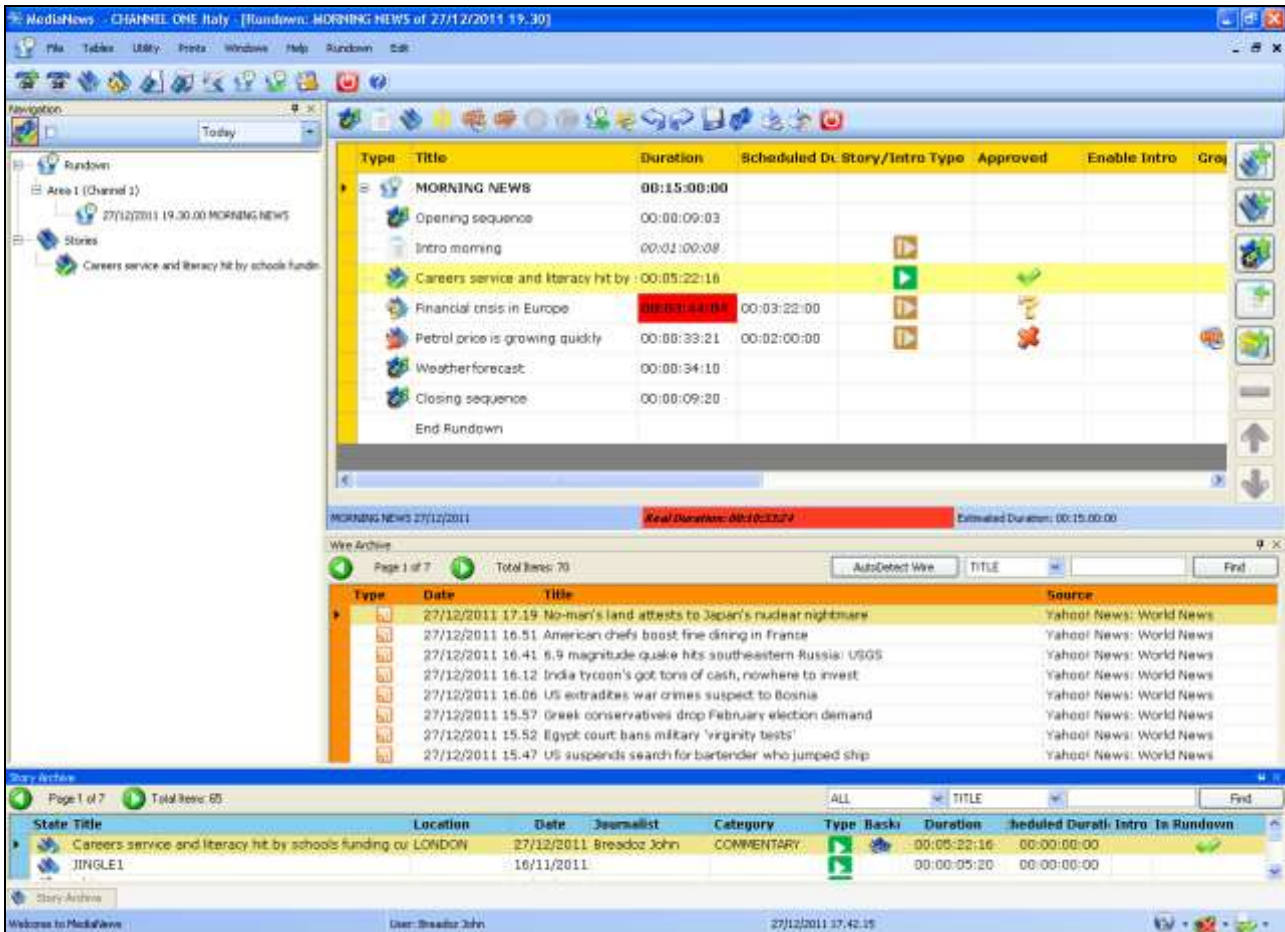
**MediaNews** includes an embedded text editor (free of charge and without license) and as an alternative it's possible to use Microsoft Word: all versions are supported.



(MediaNews, integrated Text Editor)

## Customizable interface

**MediaNews** interface is customizable and allows a multi-window working environment giving the user the possibility to have Story archive, Wire archive, Rundown and whatever he needs available on the same GUI.



(MediaNews, multi-window User Interface)

## Appointments calendar

**MediaNews** includes an electronic calendar used to manage and share all the appointments.

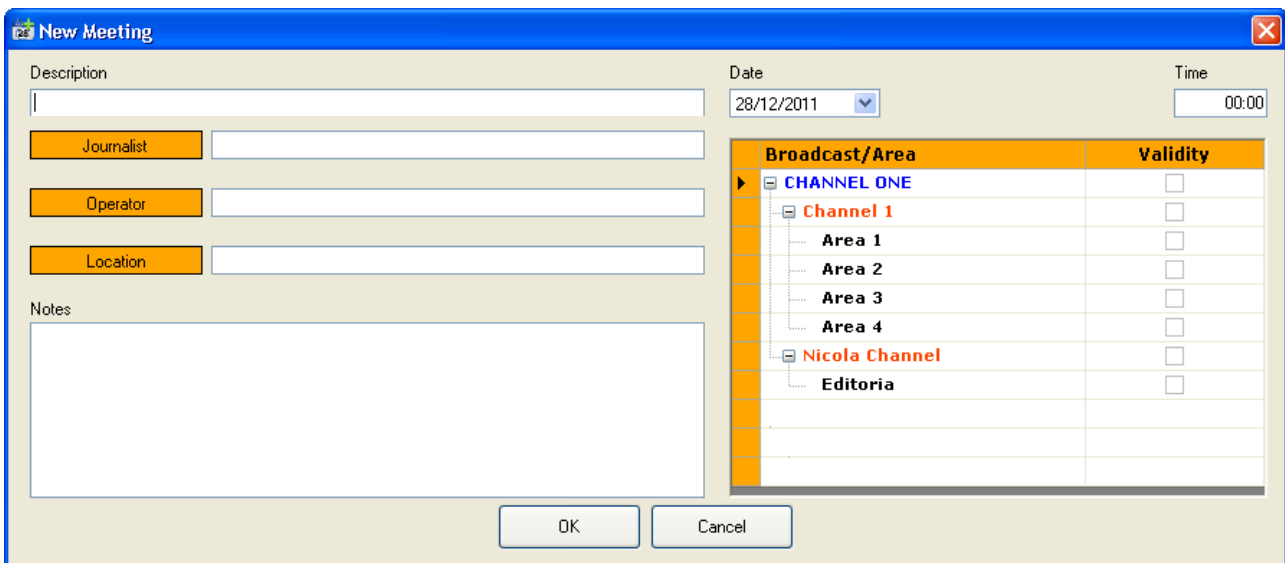
The application shows all daily appointments and all journalists and operators involved. An icon on-screen display notifies daily appointments of the user.

It is also possible to send e-mails automatically to journalists and operators as a reminder of their appointments.



Meet.	Time	Description	Notes	Journalist	Operator	Location
10:00	10:00	Meeting at the Star Hotel	Time 10.00 AM	James La Brie		LONDON
13:00	13:00	Lunch with Mr. Jones Puu	The appointment is at Stubb Restaurant at 13:00	John Breadoz		LONDON
19:00	19:00	Prime Minister Press	Go with the small videocamera	John Breadoz		LONDON

(MediaNews, Appointment Calendar )



**New Meeting**

Description:

Date: 28/12/2011

Time: 00:00

Journalist:

Operator:

Location:

Notes:

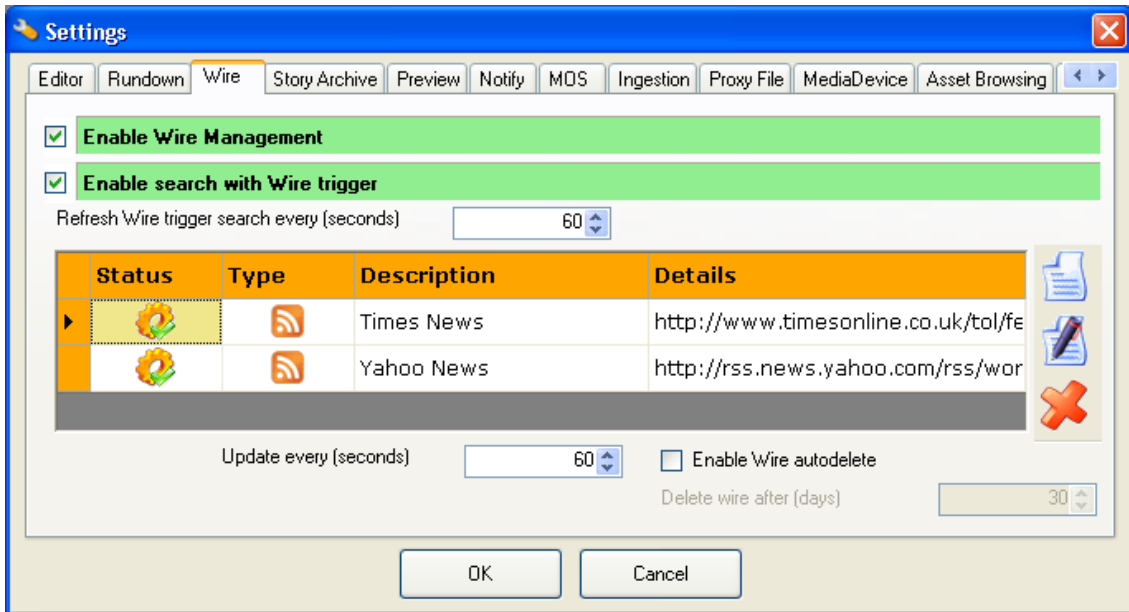
Broadcast/Area	Validity
CHANNEL ONE	<input type="checkbox"/>
Channel 1	<input type="checkbox"/>
Area 1	<input type="checkbox"/>
Area 2	<input type="checkbox"/>
Area 3	<input type="checkbox"/>
Area 4	<input type="checkbox"/>
Nicola Channel	<input type="checkbox"/>
Editoria	<input type="checkbox"/>

OK Cancel

(MediaNews, adding a new Appointment)

## Wires management

**MediaNews** has an up-to-date wire archive that allows journalists to know all the latest news and create new stories. Wire archive is automatically updated according to the *feed links* selected by the user and it is also possible to have a notification when receiving a *feed* containing particular key words.



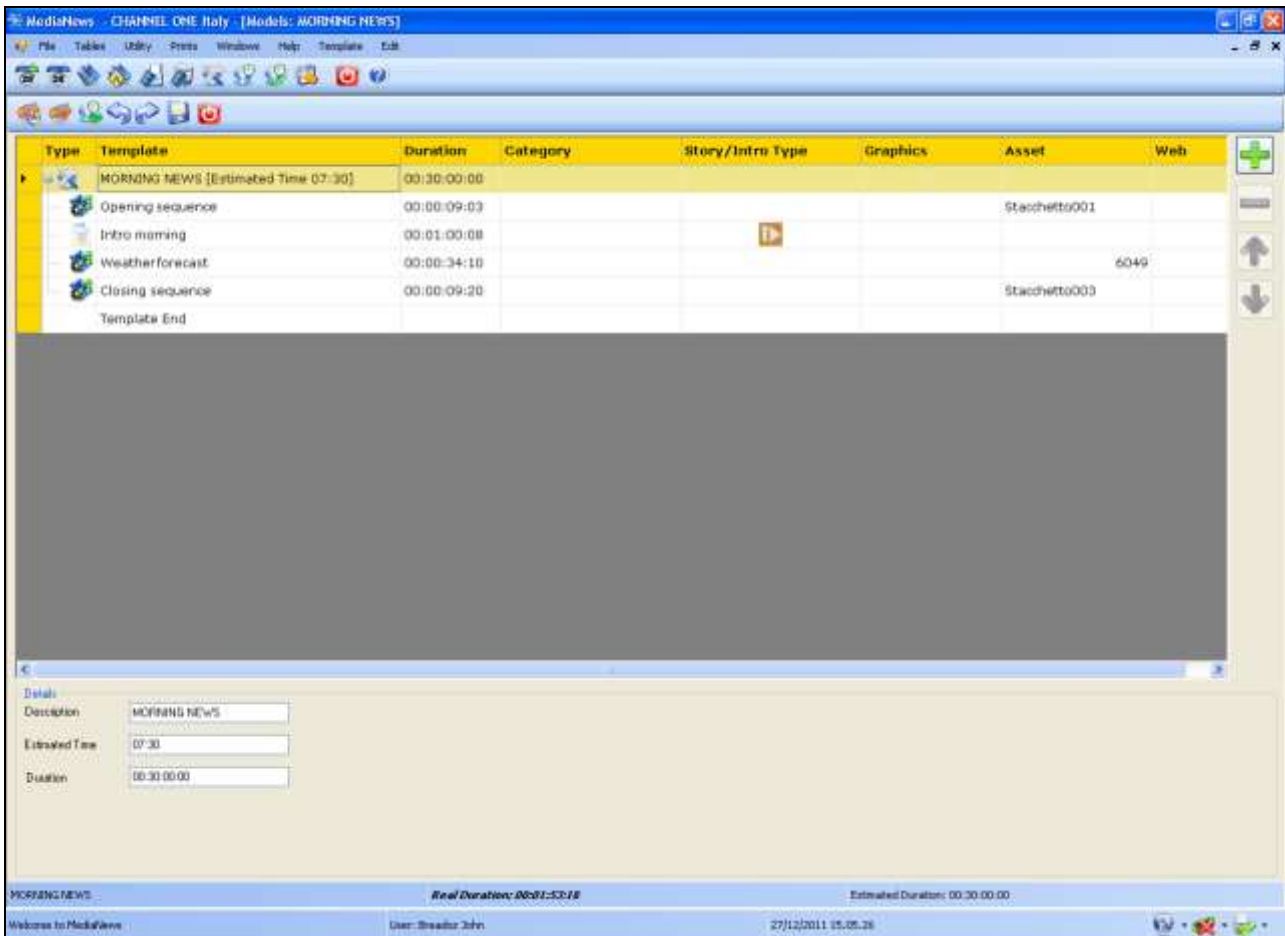
(MediaNews, insert of a Wire link )



(MediaNews, Wire archive)

## Templates management

It is possible to define one or more *Template Rundowns* in order to have a basic structure, containing elements always presents, that can be used to generate automatically a rundown from which starting creating the final rundown to broadcast.



The screenshot displays the MediaNews software interface for managing templates. The main window shows a table of template elements for 'MORNING NEWS' with an estimated time of 07:30. The table includes columns for Type, Template, Duration, Category, Story/Intro Type, Graphics, Asset, and Web. Below the table, there is a 'Details' section with input fields for Description, Estimated Time, and Duration. The status bar at the bottom shows 'Real Duration: 00:01:52:18' and 'Estimated Duration: 00:30:00:00'.

Type	Template	Duration	Category	Story/Intro Type	Graphics	Asset	Web
	MORNING NEWS [Estimated Time 07:30]	00:30:00:00					
	Opening sequence	00:00:09:03				Stacchetto001	
	Intro morning	00:01:00:08					
	Weather forecast	00:00:34:10					6049
	Closing sequence	00:00:09:20				Stacchetto003	
	Template End						

Details:

Description: MORNING NEWS

Estimated Time: 07:30

Duration: 00:30:00:00

Real Duration: 00:01:52:18

Estimated Duration: 00:30:00:00

User: Stredler John

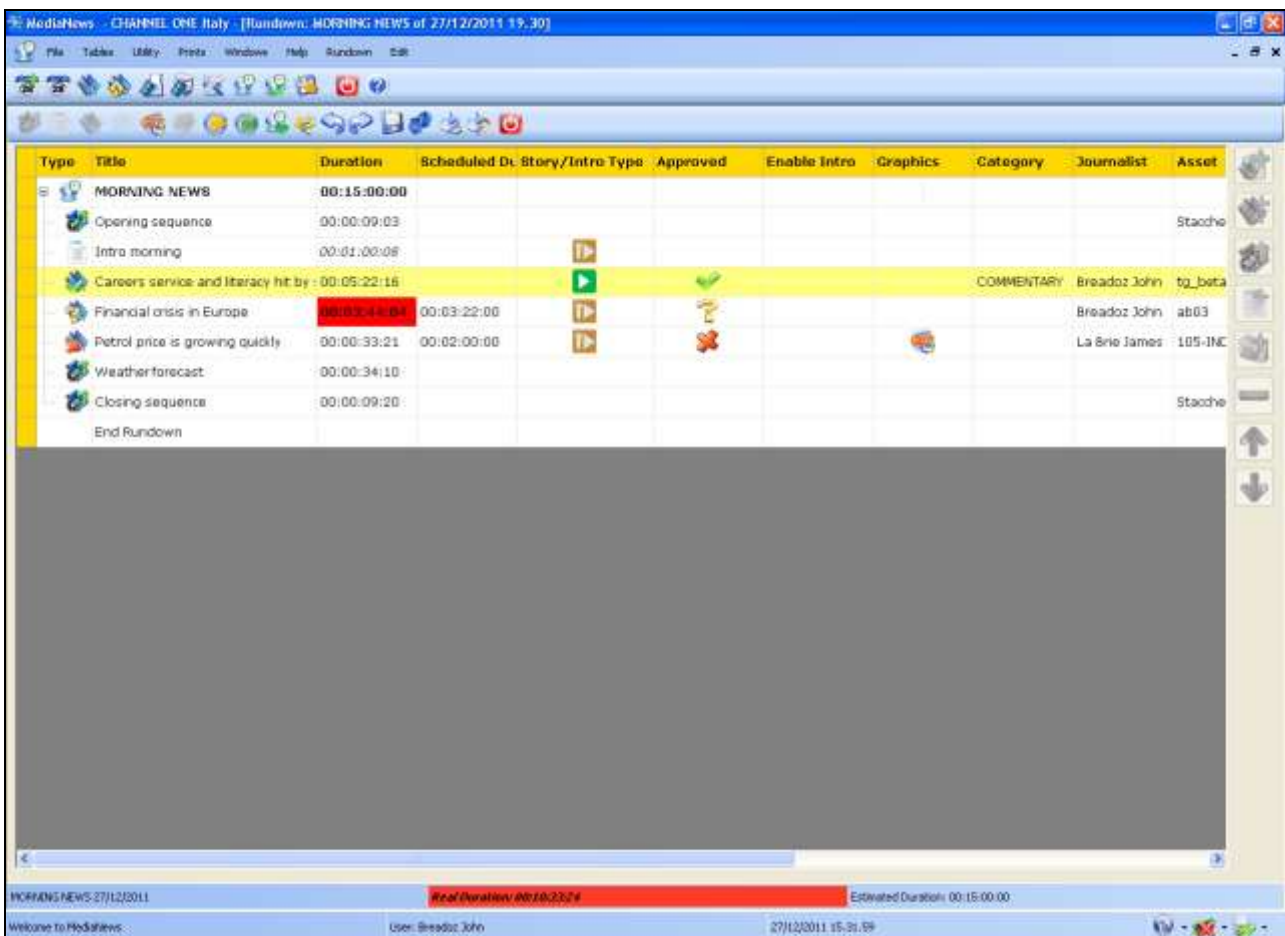
27/12/2011 05:06:28

(MediaNews, Template of Rundown)



## Rundown management

With **MediaNews** it is possible to create a *Rundown* in two different ways: automatically starting from a *Template* rundown or manually starting from an empty rundown and adding all stories that will compose it. **MediaNews** provides, through its graphic GUI, the possibility to visualize and manage the *rundown*: different icons represent different story's status (assigned, in progress, completed, approved or rejected, etc.) and the Chief-Editor can approve or reject stories directly from *rundown GUI*. It is possible to see the estimated duration of a *rundown* and if a story last more than scheduled duration.



( MediaNews, example of a Rundown )

By the same rundown GUI it's also possible to set graphics to the stories and print out the *rundown*.

## Integrated graphics management

**MediaNews** integrates all the features of **MediaCG** module.

**MediaCG** is the SI Media module with which the broadcaster can create and manage animations, crawls, logos, DVE (i.e., picture-in-picture) and other graphic objects.

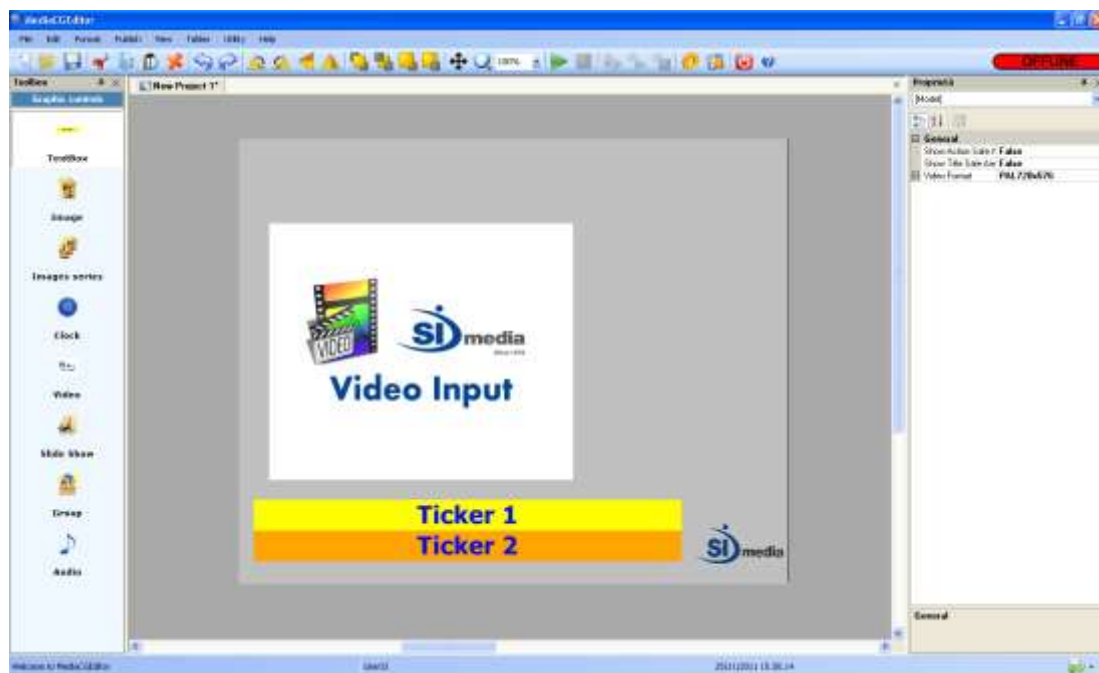
The graphic engine guarantees very high-quality graphics and cutting-edge results.

It's always possible to see a preview: this is very important to test the graphic projects when you are creating a new one and before put then on air.

All the graphics can be scheduled in advance for the *rundown* or story by story or used directly On-Air: the same operator that plays a graphic project, also can do edit on the fly.

**MediaCG** allows the creation of elaborated graphics with more than one ticker: so it can be used for showing news texts, stock exchange indexes, sports results, SMS, Facebook and Twitter contents combined with the TV Logo, the clock and other information.

The module also allows saving templates in order to create new projects starting from the most used ones.

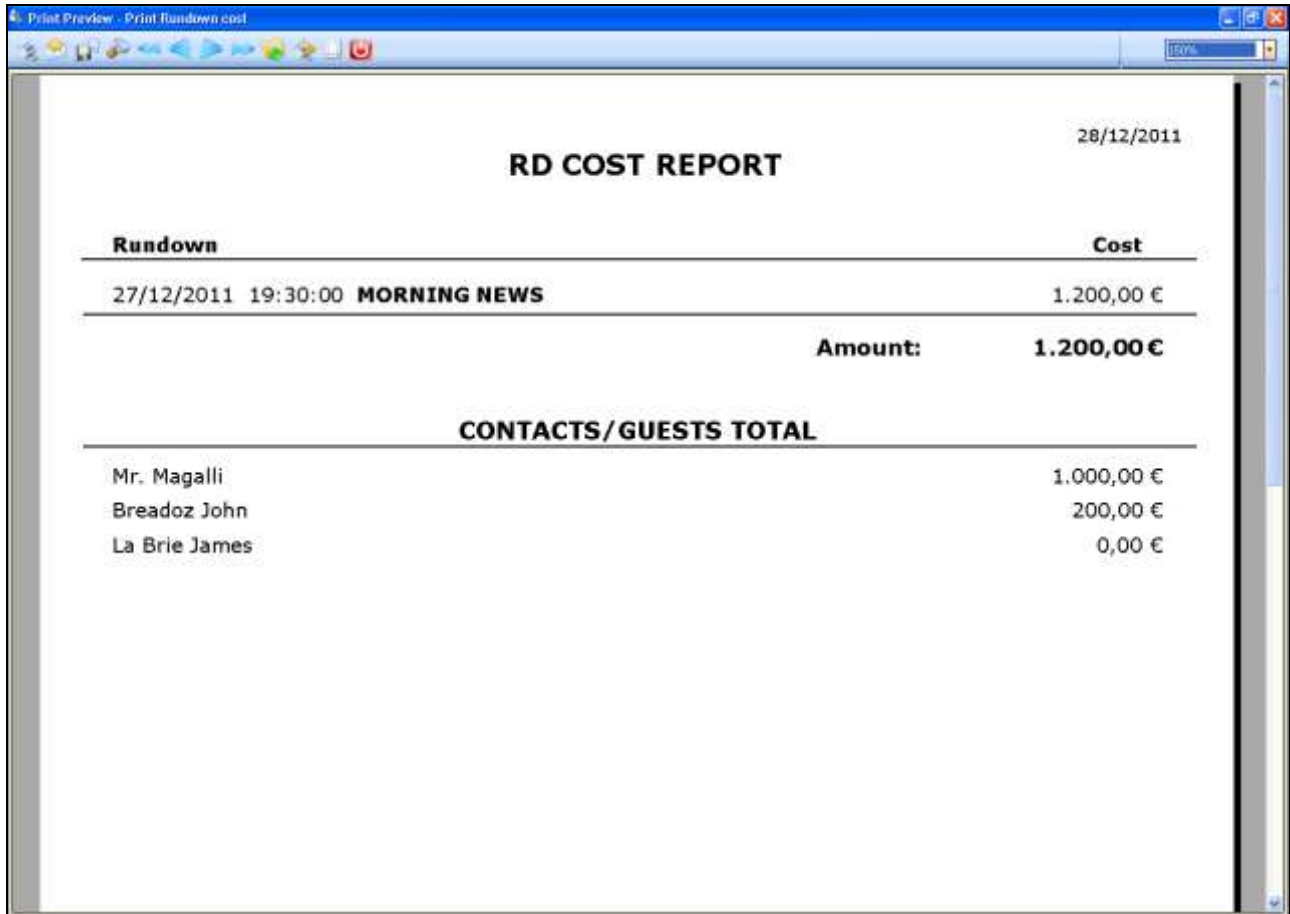


(MediaCG Editor, creation of a project containing a DVE ad other graphic objects)

## Rundown cost calculation

Setting hourly or performance rate to journalists, operators, etc. and a cost related to one or more guests, it is possible to calculate the cost of a rundown.

**MediaNews** allows calculation of total cost and creation of a report that can be exported and/or printed out.



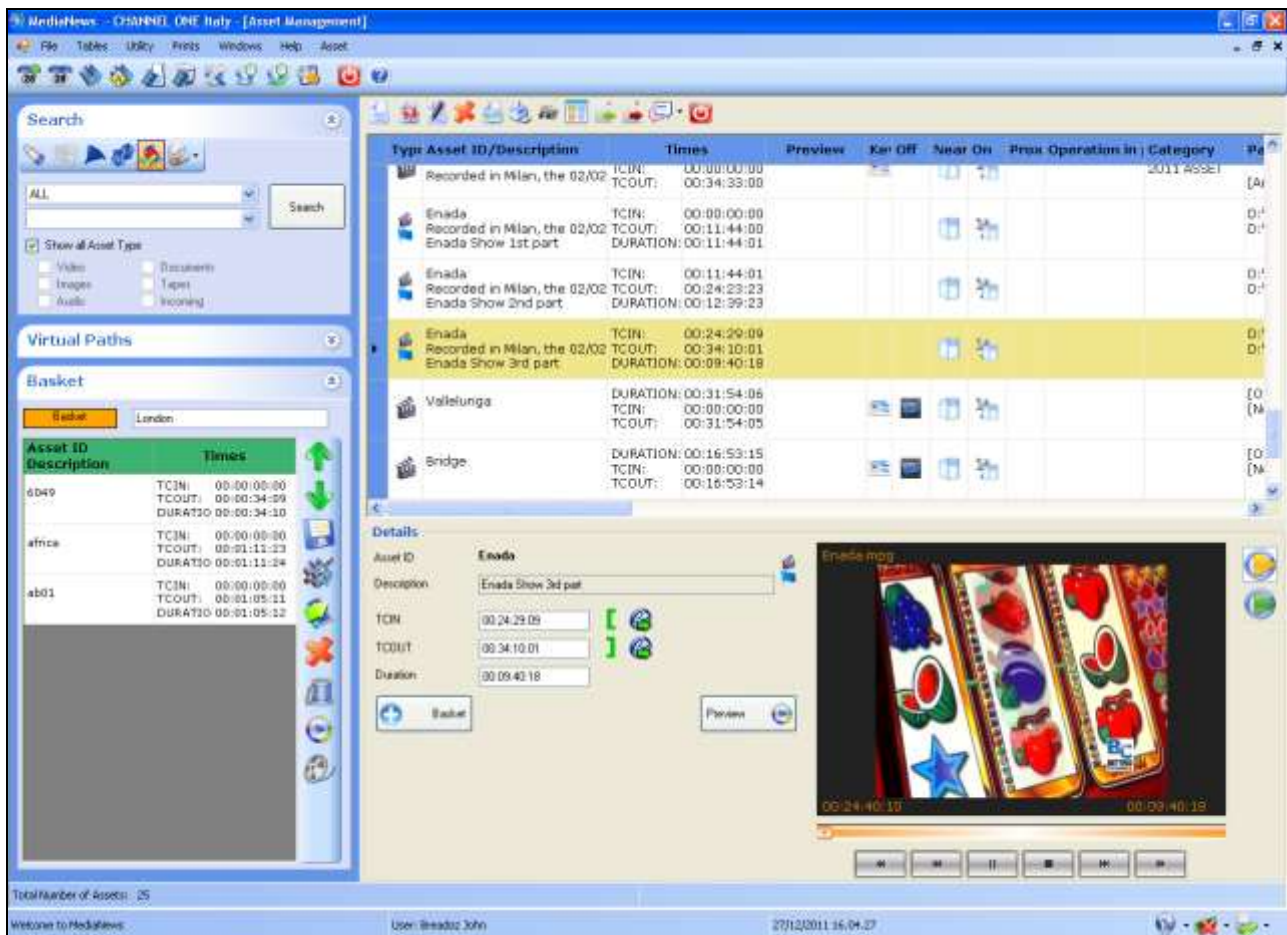
<b>Rundown</b>		<b>Cost</b>
27/12/2011 19:30:00	<b>MORNING NEWS</b>	1.200,00 €
<b>Amount:</b>		<b>1.200,00 €</b>
<b>CONTACTS/GUESTS TOTAL</b>		
Mr. Magalli		1.000,00 €
Breadoz John		200,00 €
La Brie James		0,00 €

## Full integration with MAM MediaStore

The integration of **MediaNews** with **MediaStore** is total: from **MediaNews** the operator can directly access the features of **MediaStore**.

**MediaStore** is the MAM (*Media Asset Management*) application module for the management of the broadcaster content archive. It allows acquiring new *assets*, searching throughout the archive using a fast search (*Full Text*) engine, indexing, cataloguing and exporting contents to editing stations (NLE or *Non Linear Editing System*) or to other contexts.

It is possible to add custom *metadata* categories in order to improve categorizing and searching process.



The screenshot displays the MediaNews software interface for asset management. The main window is titled "MediaNews - CHANNEL ONE Italy [Asset Management]". It features a search bar on the left, a list of assets in the center, and a details panel at the bottom. The asset list includes columns for Type, Asset ID/Description, Times, Preview, and Category. The details panel shows the selected asset "Enada" with its description "Enada Show 3rd part" and various timecodes (TCIN, TCOUT, Duration). A video preview window at the bottom right shows a colorful image of various fruits.

Type	Asset ID/Description	Times	Preview	Ken Off	Near On	Prax Operation in	Category
	Recorded in Milan, the 02/02	TCIN: 00:00:00:00 TCOUT: 00:34:33:00					2011 ASSET
Enada	Recorded in Milan, the 02/02 Enada Show 1st part	TCIN: 00:00:00:00 TCOUT: 00:11:44:00 DURATION: 00:11:44:01					D:1 D:1
Enada	Recorded in Milan, the 02/02 Enada Show 2nd part	TCIN: 00:11:44:01 TCOUT: 00:24:23:23 DURATION: 00:12:39:23					D:1 D:1
Enada	Recorded in Milan, the 02/02 Enada Show 3rd part	TCIN: 00:24:23:23 TCOUT: 00:34:10:01 DURATION: 00:09:40:18					D:1 D:1
	Vallelunga	DURATION: 00:31:54:06 TCIN: 00:00:00:00 TCOUT: 00:31:54:05					[O] [NA]
	Enada	DURATION: 00:16:53:15 TCIN: 00:00:00:00 TCOUT: 00:16:53:14					[O] [NA]

Details panel for "Enada":

- Asset ID: Enada
- Description: Enada Show 3rd part
- TCIN: 00:24:23:09
- TCOUT: 00:34:10:01
- Duration: 00:09:40:18

## Integrated ingest module

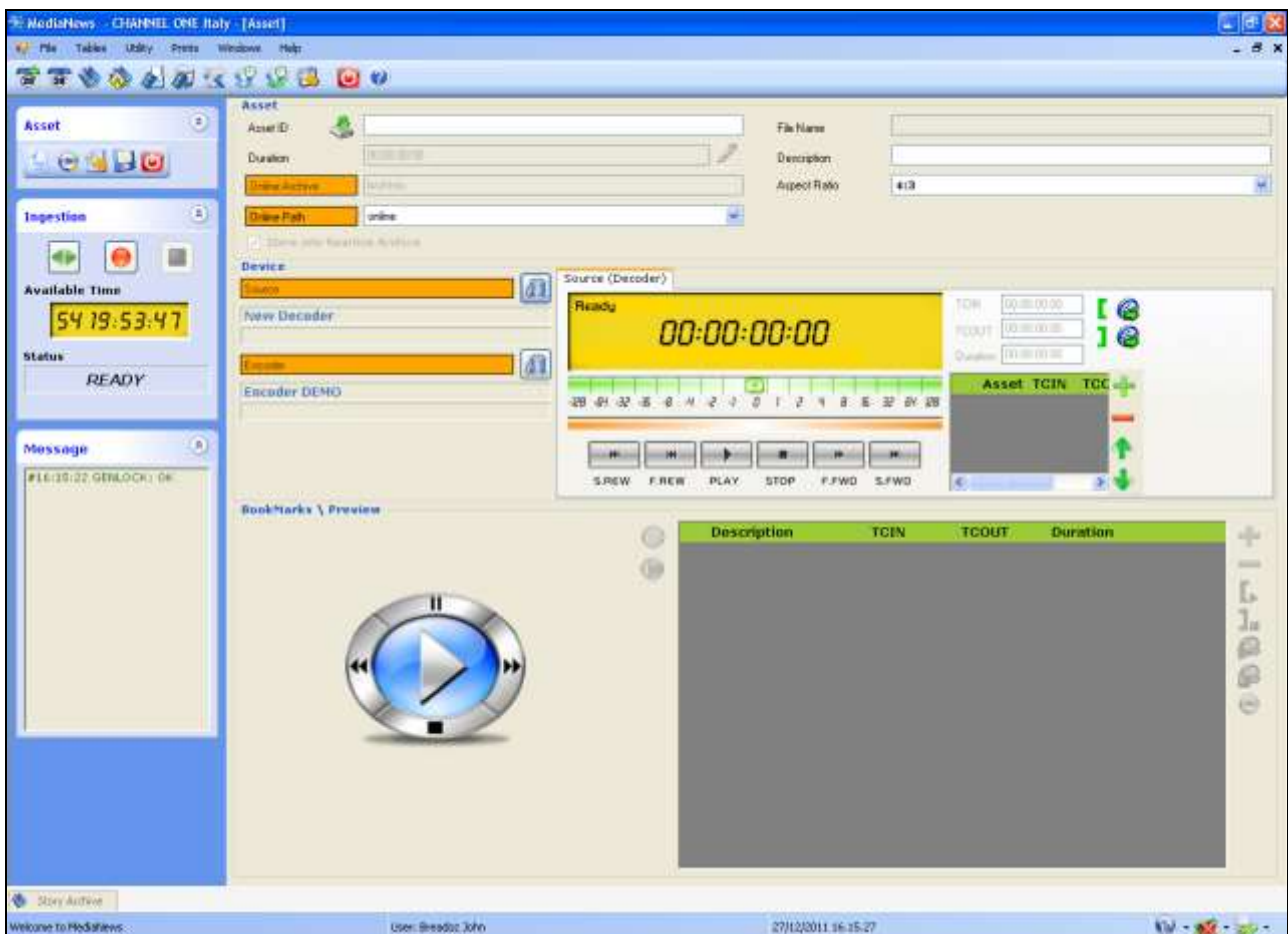
**MediaNews** integrates all the ingest features of **MediaRec** module.

**MediaNews** provides both manual and automatic acquisition sessions, from every video source, like live feeds, VTRs, satellite, studios, etc.

With **MediaNews** the operator can continuously check available space for new acquisitions and create automatic recording sessions which will start at planned time.

By the same ingest control window it's possible to edit the new *asset* metadata and preview the video source and audio levels.

**MediaNews** can dynamically control the available *encoders* (local or remote) and acquire simultaneously the video and the low-resolution (*proxy*) signal. It can also control remotely external devices like video servers, VTRs or A/V routers for the automatic assignment of the selected video source to the desired *encoder*.



## Integrated Proxy Editing

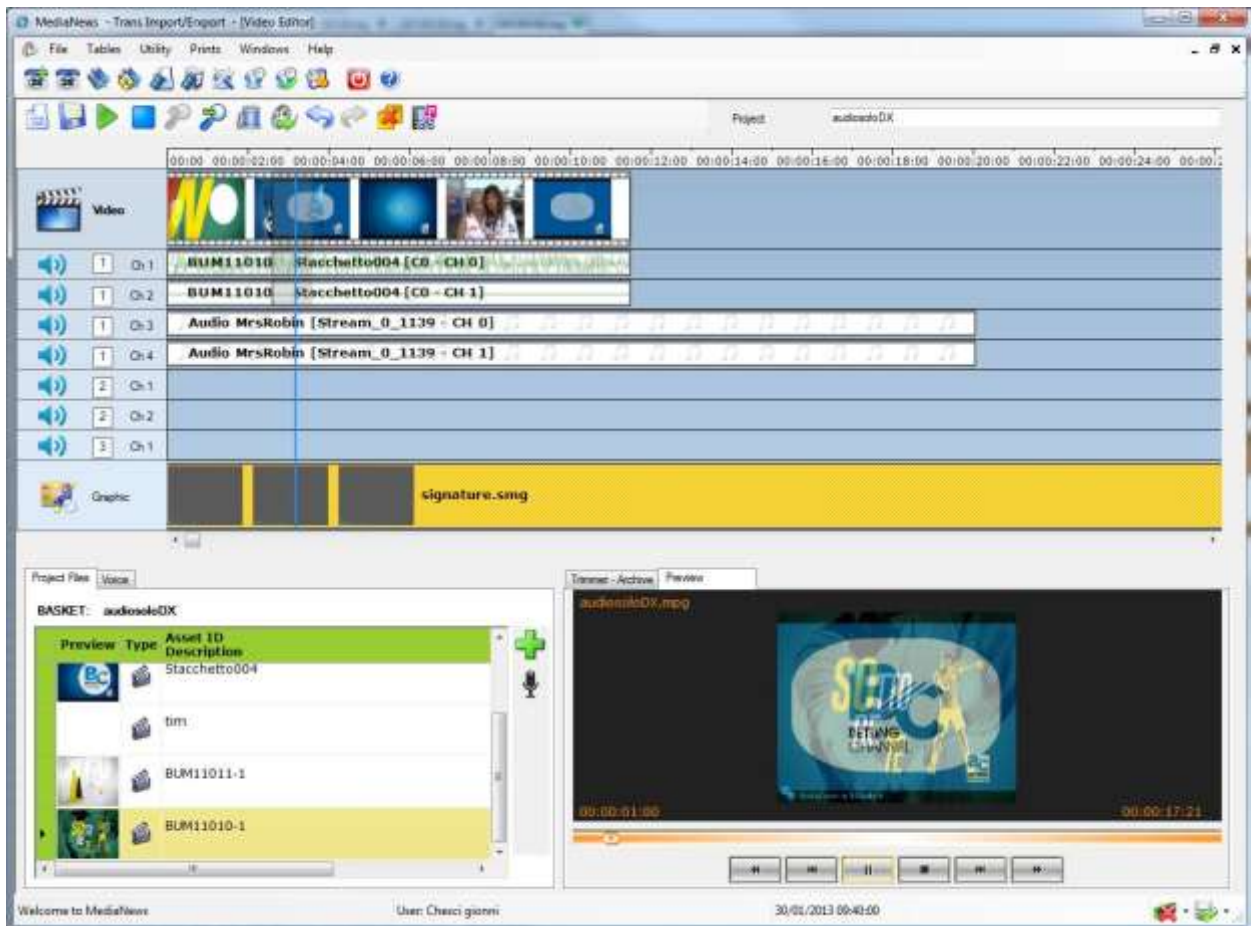
**MediaNews** integrates all the Proxy Editing features available in **MediaStore Client** module.

The alternative to an external video editor is to use the integrated proxy-editing and *transcoding* engine. **MediaStore Client** editing module display a *timeline* with the *assets* contained in a *basket* and provide an effective set of tools to edit the clips.

This tools allows the journalist to concatenate clips, add a voiceover audio track, untie video from audio, add effects and transitions like fade and crossfade or insert a graphic leveraging **MediaCG** engine.

It is also possible to have a preview of the project together with the CG.

The final operation is the rendering, executed by **MediaStore Server** that will generate a new video file ready to be used.



(Proxy-editing module)

SI Media editing module was designed in a way, to provide a clear and intuitive interface, with all the features needed by a newsroom. The live preview provides the operator a way to see at every moment its work in progress.

Output video format actually supported are: MPEG1, MPEG2, MPEG4, H-264/AVC, AVI-DV, Adobe Flash.