

**w<sup>t</sup>vision**

ON AIR

# PCR SOLUTIONS

GRAPHICS AND VIDEO CONTROL

[wtvision.com](http://wtvision.com)



# STUDIO CG

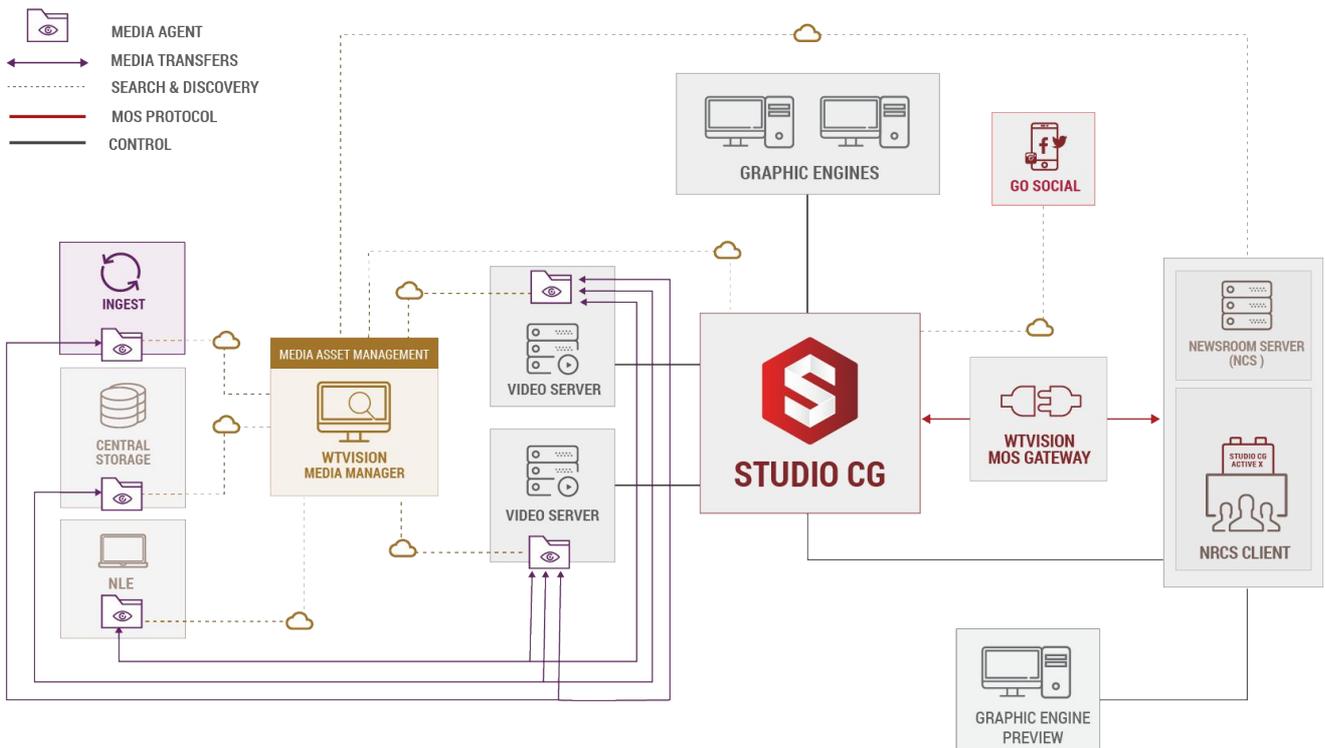
One interface, two workflows

**Studio CG** is a powerful integrated solution allowing broadcasters to manage and control on-air graphics and videos for live shows, all from one single interface.



Our studio solutions make it easy to manage your production workflow for news, sports, financial and entertainment shows.

# NEWS PRODUCTION WORKFLOW



wTvision’s studio solutions provide all the tools necessary for a live production: real-time graphics, video playout control, newsroom system integration and ingest.

**Studio CG** connects to graphic engines and video servers, generating outputs enhancing the broadcast. Media tracking, transfer, searching and cataloging capabilities are also provided through **wTvision Media Manager** ([read more](#)).

Our flexible software seamlessly integrates your news production workflow, connecting to other wTvision’s systems or third party solutions.

# GRAPHICS WORKFLOW

**Studio CG** controls all major graphic engines in the market (Vizrt, Avid, Ross Video, among others).



## INTUITIVE DATA ENTRY FORMS

Our software detects data entry fields of your graphic templates, creating **intuitive entry forms** for manual input. This time-saving process lets you easily introduce new graphics templates and start using them effortlessly.

## INTELLIFLOW

**Studio CG** possesses an intelligent scene transitioning system enabling you to visually define the way you want your graphics to interact. You can define the kind of graphics displayed simultaneously and implement procedures for the transitions.

# VIDEO WORKFLOW

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## VIDEO SERVER INTEGRATION

Studio CG integrates with **wTVision Media Playout Server** and third-party video servers.



## MULTIPLE OUTPUTS MANAGEMENT

With Studio CG, it is possible to queue and play out multiple videos to separate outputs from a single point of operation.



## MAM INTEGRATION

Studio CG integrates with **MAM Systems**. This integration allows journalists to search and access previously catalogued videos.



## VIDEO SWITCHER INTEGRATION

Studio CG is capable of integrating and controlling all leading video switchers. GPI triggers can be used to complement workflows as Studio CG supports both input and output triggers.



## NEWSROOM SYSTEMS INTEGRATION

Studio CG seamlessly integrates with all major newsroom systems, allowing journalists to search, sequence, edit and preview media and graphics from their workstation. Everything is synchronized with Studio CG in real time.



## NLE PLUGIN

Studio CG NLE Plugin integrates wTVision's graphics workflow into the non-linear editing (NLE) workflow. Currently available for Adobe products, it allows users to get access to their on-air graphics library and apply them onto video clips. The NLE Plugin supports complex animation sequences using Intelliflow and the NLE Editor may define each animation's duration for fine-grained control of the desired output.

# NEWSROOM INTEGRATION

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**Studio CG** can be integrated with a growing list of newsroom control systems including the main NRCS in the market: **ENPS**, **iNEWS** and **MediaCentral | UX**.

This integration allows journalists, producers and, operators to:

- **Search:** media and graphics stored on the server.
- **Sequence:** graphics and video clips into their show's rundown.
- **Edit:** the right template for your information and fill in the specific data. You can also fetch data from external data sources automatically.
- **Preview:** Studio CG Preview Server provides the journalists with a final format preview of their content, ensuring the final composition looks pixel perfect. This system serves multiple journalists simultaneously and provides updated screenshots every time a change is made, directly in the NRCS interface.



# DATA INTEGRATION

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## MANUAL INPUT

CG operators can directly input data into Studio CG using the intuitive forms automatically generated for each graphic template.



## EXTERNAL SOURCES

Studio CG can receive data from different external sources: XML, RSS, TXT, CSV, among others.



## NEWSROOMS

By integrating with major newsroom systems, journalists and producers can choose video clips, images and graphic templates for their stories and fill out the relevant information directly from their workstations.



## SOCIAL NETWORK FEEDS

Go Social, our cloud solution to manage social media content, allows you to select, review and edit Facebook, Twitter and Instagram posts. These feeds (text and media) are imported as playlists to be controlled by Studio CG.



## DOWNLOAD MANAGER

Go Get is a user friendly tool to continually import information from external online sources (e.g. weather, financial, sports). It keeps local copies of external data and guarantees data is readily available and ready to air.

# OTHER PCR SOLUTIONS



## TICKER MANAGEMENT

Manage complex data and playlists for your most demanding requirements through **Ticker CG**, a web-based content management system and playout application.



## DEBATE TIMERS

Timing system to **track the time** used in each intervention during the live broadcast of a debate, making it easy to launch real-time graphics.



## WEATHER FORECASTS

Manage and produce dynamic on-air graphics for **weather forecasts**. All graphics can be customized to display forecasts in many different ways.



## TRAFFIC

Customized solutions to present graphics with the current traffic situation. It can be produced with **specific animations**.



## INTERACTIVITY

Interact with the viewers in real time using external applications, namely **social media, SMS or polls**.



## SCOREBUG

Easily **manage the time and score** of a sporting event during the broadcast.



# ENTERTAINMENT SHOWS

Studio CG can be entirely **customized** for your special events and entertainment shows.

Having **Studio CG** as your platform of choice will dramatically shorten your project **development time**.

Studio CG is ready for any challenge, even if we are talking about a complete TV Show with a deep level of **integration** and **automation**. It includes **graphics, lights, sound, voting systems, timers** or whatever you would like to add!

Complex **game mechanics/scoring systems** can also be developed inside Studio CG.



# OVER 100 PLUGINS

As a very flexible software, with over 100 plugins, Studio CG is ready for any challenge.



## VOTING SYSTEMS

Integrates information from different voting systems (e.g. receiving live audience feedback).



## MULTIPLE OUTPUTS

Controls multiple outputs simultaneously for video walls and on-air graphics.



## REAL-TIME FEEDBACK

Supplies real-time lights, scoring or video-wall feedback, based on the contestants' responses in real time.



## PHONE CALLS AND SMS

Integrates with phone operators, receiving different voting types and managing the information in real time.



## EXTERNAL PERIPHERALS

Controls external peripherals such as clocks, buzzers and lights.



## INTERACTIVITY

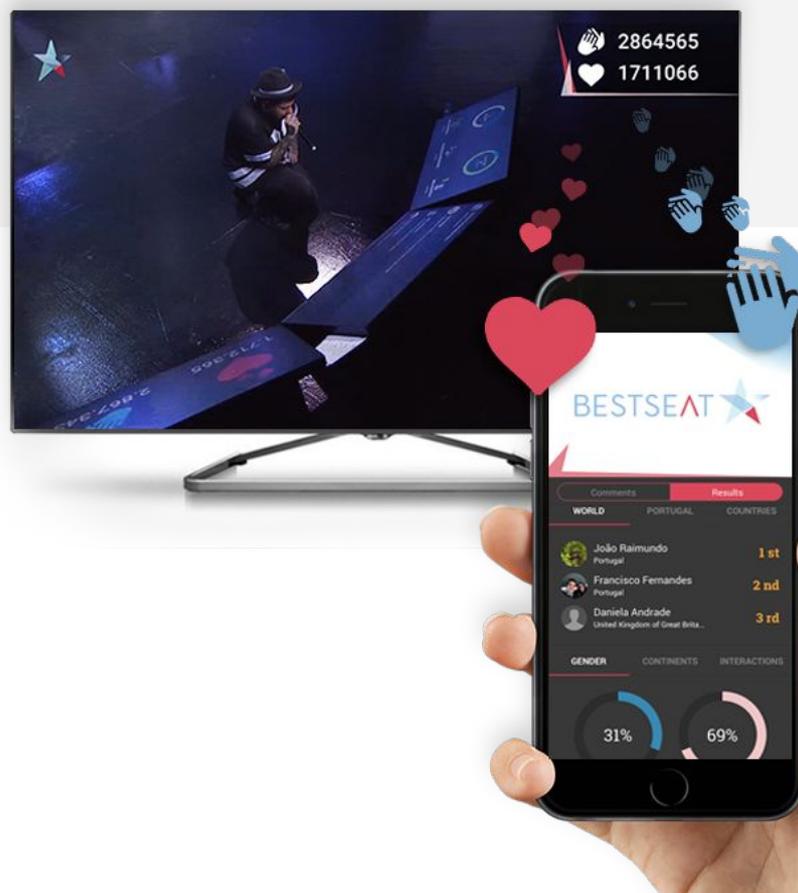
Brings more interactivity to TV Shows, giving the host the freedom to control graphics from mobile devices.

# END-TO-END COVERAGE

wTVision makes it easy!

## Our services cover:

- Project requirements analysis
- Contest/Game rules definition
- Project development (plugins, mobile apps development, among others)
- User interface development
- Graphics design and implementation
- Live operation service



# SERVICES



CLASSIFICAÇÃO - 1ª LIGA		
	J	P
1	V. GUIMARÃES	5 15
2	PENAFIEL	5 15
3	ACADÉMICA	5 15
4	GIL VICENTE	5 15
5	P. FERREIRA	5 15
6	BENFICA	5 15
7	FC PORTO	5 15
8	NACIONAL	5 15
9	BELENENSES	5 15
10	V. SETÚBAL	5 15

## BROADCAST DESIGN

wTVision can create graphics packs for your newscasts, sports competitions or entertainment shows, among many others.



## HR OUTSOURCING

We provide consulting services to help you define your PCR strategy. We also provide outsourcing services with specialized CG operators that manage information and broadcast graphics in the client's facilities.



## SUPPORT

Our support team is always available to help you, offering technical assistance so you can get the best out of our solutions.

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Give your show a new life!

**CONTACT US NOW**

[sales@wtvision.com](mailto:sales@wtvision.com)

[wtvision.com](http://wtvision.com)

