DELTA-cg NDI® Sports & News

Advanced character generator for live sports & news productions

CG for live sports & news productions

DELTA-cg is DELTACAST's range of character generators provided as bundles dedicated to most demanding professionals.

Each bundles has been designed to meet the needs of professionals active in video production graphics packaging, whether it be sports broadcasts, live media shows, social streaming, stadium events, and more.

Built around the high-end DELTACAST graphics engine used in many professional sports productions worldwide, DELTA-cg allows you to finally benefit from this high-end solution in affordable and scalable bundles.

DELTA-cg NDI® Sports & News is the character generator specifically designed to meet all your graphic design needs for your sports and news productions.

The combination of its very simple user interface and its state-of-the-art engine used by the world's leading live production professionals, offer unparalleled flexibility and quality for live production.

Without any restriction to the number of graphic layers per playlist and of simultaneous graphics per channel, DELTA-cg NDI® Sports & News is a unique real professional graphic production tool.

DELT∆CAST

With DELTA-cg NDI® Sports & News, you build your playlists, control your graphics and update your content easily at any time and go on-air in a few minutes!

Associated with its real-time graphic template Editor, you've the creative freedom to design advanced graphical projects and import them seamlessly in DELTA-cg NDI® Sports & News even while on air.
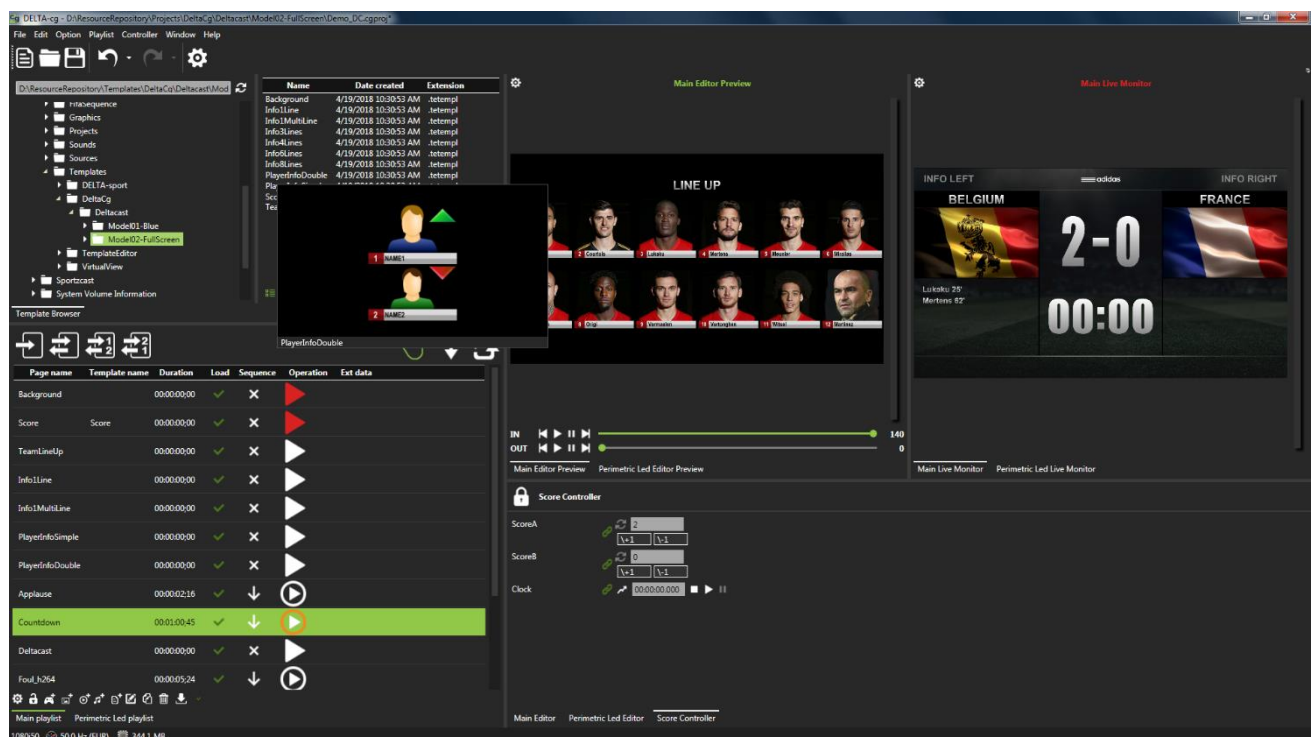
Thanks to the native support of the NDI® standard, you are perfectly connected to the many devices that are compatible with Newtek™ IP ecosystem.

Why should you limit yourself to a few layers and graphics per production?

DELTA-cg NDI® Sports & News does not limit you to the number of graphic elements you want to add to your production.

Why not having the freedom to change your ideas at the last minute?

DELTA-cg NDI® Sports & News and its template editor allows last minutes changes to always get the best versions of your graphics chart on air.

DELTA-cg Engine

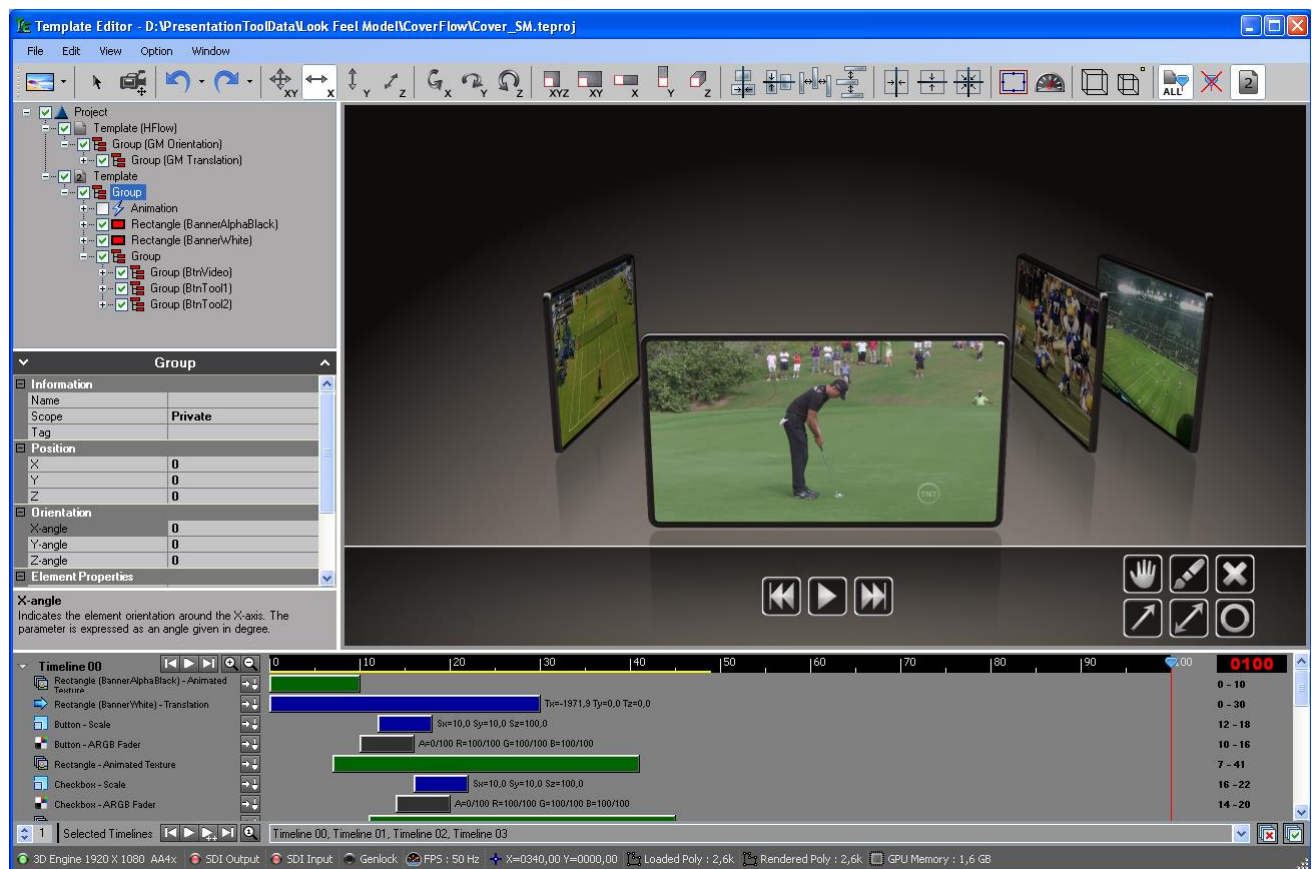### *Do you want to integrate an NDI input stream into your CG?*

DELTA-cg NDI® Sport & News integrates NDI or SDI (optional) input support allowing the integration of external streams into your graphic compositions. And with its integrated ChromaKey, you have a ton of use case to choose from...

Do you want to keep control with your fingertips?

With its launch pad and XKeys support, DELTA-cg NDI® Sport & News offers you the possibility to trigger one or more actions on multiple playlists. This guarantees you a secure and direct control of all actions repeated during your production.
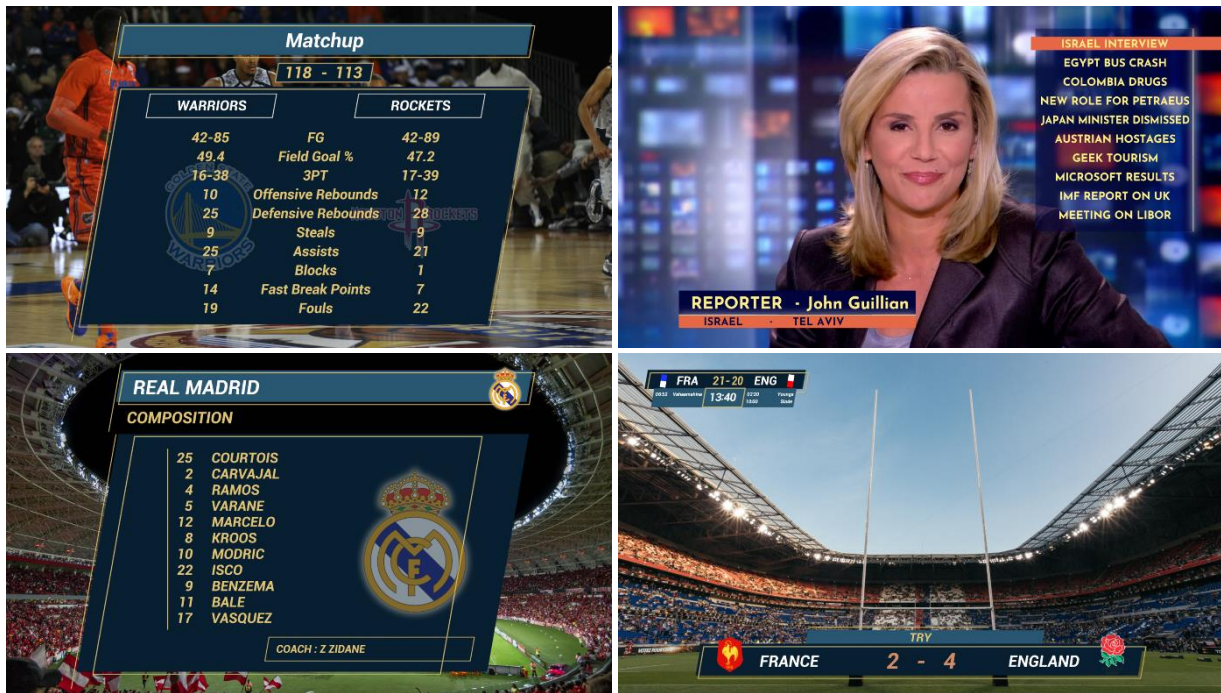

Do you want to maximize the relevance of your graphical layers data?

DELTA-cg NDI® Sport News integrates support for a wide variety of data files ensuring easy integration with your production team's data sources.

Template Editor

Samples

Key Features

- Real-Time 2D/3D graphics generation
- Manual or automated playlist control
- Real-time rendering engine
- Unlimited simultaneous layers on air
- Separated design editor and operation interfaces
- Customizable live operation interface
- Custom variables per element layers
- On the fly template look & feel refresh during operation
- Timeline management
- Template management for project
- Multi playlist action trigger by virtual launch pad
- P.I. Engineering - XKeys support for launch pad
- 2 Outputs, 2 Playlists
- Native Newtek™ NDI® support
- NDI® Fill & Key Output (Fill only, Fill & Key)
- NDI Internal Keyer Input
- SDI Fill & Key Output (Fill & Key on 2 separated outputs) (Option)
- SDI Internal Keyer Input (Fill & Key on 2 separated outputs) (Option)
- XML files
- Microsoft Excel®
- RSS feeds (soon)
- Google Sheets® (soon)
- Live video Input (NDI)

- Live video Input (SDI) (Option)
- Scorecasts Sportzcast support
- Independent element's layer animations
- Multimedia player (audio & video)
- PNG, BMP, JPG, PNG, TGA and all DirectX compatible format
- Common professional video file formats including MOV 32-bits video (*)
- Main titles, Lower thirds, Motion bugs, Crawlers / Ticker, Shape, Clocks
- Sequences and loops
- Project & template scripting
- Scoreboard OCR to XML application (Option)
- Standard support during business hours (mail)
- Free minor update (bug fixes)
- HDMI Output (soon)
- DisplayPort Output (soon)
- SDI Output (Option)

(*) https://en.wikipedia.org/wiki/Libavcodec#Implemented_video_codecs

Composition

- DELTA-cg Engine
- Template editor
- Package of "ready to use" templates
- License manager

System Requirements

- Operating System: Windows 7 64 bits or later
- Processor: Intel Core i5, at least 2.5GHz equivalent or greater;
- RAM: 8GB or higher;
- Graphics board: NVidia GTX 750 with up-to-date NVidia official drivers;
- Hard disk space: 2GB of available hard-disk space for installation; additional free space required during installation.

DELTA-cg is available as software only or as a complete turnkey solution including hardware and services. Please contact DELTACAST for more information.