

DELTA CG

REAL-TIME RENDERING ENGINE AND MEDIA SERVER



DELTA-cg is DELTACAST's media server for real-time rendering that can be easily scaled to meet various demands. It is tailored for professionals in video production graphics. It meets the requirements of various fields like sports broadcasts, live media shows, social streaming, and stadium events. Powered by the advanced DELTACAST graphics engine, DELTA-cg offers an affordable and scalable solution. It is specifically designed to fulfill graphic design needs in sports and news productions. With its user-friendly interface and cutting-edge engine trusted by top live production experts, DELTA-cg delivers unmatched flexibility and quality. It is a one-of-a-kind tool with no limitations on graphic layers or simultaneous graphics.

KEY BENEFITS

- Unlimited number of graphic elements in your production
- Last-minute changes possible
- Production control made easy with the launchpad, Stream Deck® and XKeys support
- Easy integration of data files to maximize the relevance of graphical layers
- Package of "ready-to-use" templates provided

KEY FEATURES

Core engine

- 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
- Template management for project
- Native Newtek™ NDI® support
- HDR Media support (HDR10, HDR10+, Dolby, HLG, PQ10) to SDR output

Control

- Customizable LaunchPad (including multi playlist action control)
- Time scheduled action (with recurrence)
- Native touch screen support
- REST API for content control and remote operation
- Stream Deck® external control
- P.I. Engineering - XKeys support for launch pad
- Project & template scripting
- DMX, MIDI and GPIO interface (using Trigger Manager optional interface)

Graphic capabilities (see Template Editor product sheet)

Outputs

- ScreenMatrix for perimeter LED management
- Warping for non-rectangular displays management
- Unlimited output
- Up to 8K or 4x 4K GPU output (per media renderer)
- Up to 2x4K SDI output (per media renderer)
- GPU Output (option)
- NDI Output (option)
- SDI Output (Option)

Inputs

- Live Video Inputs for Kiss Cam and other camera feeds
- NDI
- SDI (Option, require specific I/O board)
- HDMI (Option, require specific I/O board)

Show control

- Pre and Post game show control (via Trigger Manager optional interface)
- Led lightning control (DMX interface)
- Sound effect control (MIDI interface)
- Universal control interface (GPIO).

Dynamic & external data

- XML, Excel and Google Sheet integration
- Sports Statistics
 - o Web Data Provider connector (option) (including StatsPerform statistic integration)
- Scoreboards
 - o Scoreboard OCR to XML application (option)
 - o Scorecasts Sportzcast support (option)
- Social media
 - o Generic social media connector
 - o Connection to social wall (option)
 - o XML dynamic data interface



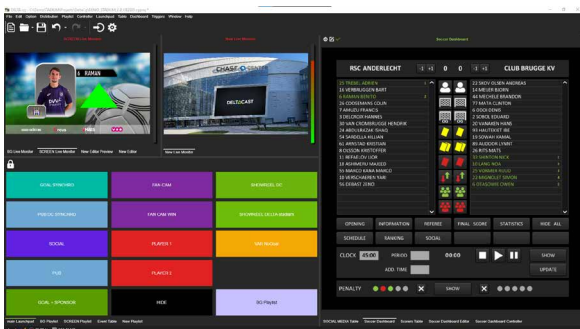
DELTA-cg is included in **DELTA STADIUM**

ADD-ONS

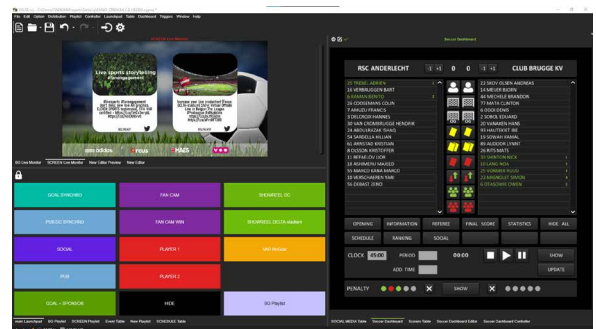
- ScreenMatrix for perimeter LED management
- Trigger Manager for pre-/post-game show control
- Social media agregator
- External data connection

SYSTEM REQUIREMENTS

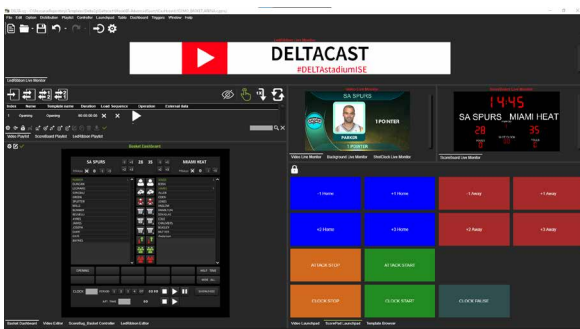
- Operating System:
 - o Windows 10 64-bit operating system, x64-based processor
- Operation system :
 - o Processor: Intel(R) Core™ ≥ 8 cores @ 3 GHz RAM: 16GB or higher;
 - o Graphics board: NVIDIA GeForce GTX 1660 or RTX 3060 with up-to- date NVidia official drivers;
- MediaRenderer:
 - o Processor: Intel(R) Core™ ≥ 12 cores (8K :≥ 12 cores) @ 3 GHz
 - o RAM: 32GB or higher; (8K :≥ 64GB or higher)
 - o Graphics board: NVIDIA GeForce RTX 3060 with up-to-date NVidia official drivers;
- Hard disk space: 2GB of available hard-disk space for installation; additional free space required during installation.



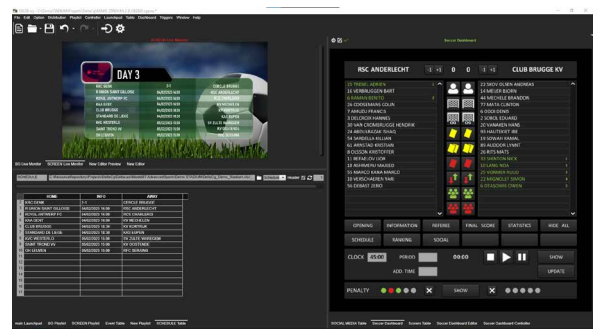
DELTA-cg dashboard



Social media interface



Basketball interface



Data integration

DELTA^{CG}CAST

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