AxelTech
Playing it loud!

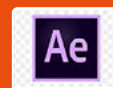# CG Plus

Channel Branding and Live Graphics

>> **The Right Solution
for Every CG Application Workflow**

CG Plus is ideal to display graphical contents such as text, logos and animations, crawls, tickers and rolls with dynamic contents/metadata retrieved from external data sources, like RSS, txt, Microsoft Excel files and more.
Top broadcast quality and ease of use allow CG Plus to be used also for live production in talk shows, sports and entertainment.
CG Plus delivers top quality anti-aliased text, smooth interlaced crawls, tickers, rolls and animations over SDI or NDI output. All layers are managed in 32 bits allowing precise alpha channel and transparency compositing with key and fill output on cards which support the feature.

4K ULTRA HD · NDI · MOS PROTOCOL · Web RTC · AES67 · EAS Emergency Alert System · Excel · Ae

/// Features

Amazing Graphics

CG Plus is a software based solution for real time character generation. CG Plus features animated backgrounds, movements and effects on text, images, clocks, animated logos, dates, crawl and news tickers. CG Plus works via both SDI video boards and via NDI. The solution is ideal to display graphical contents, such as text, logos and animations, crawls, tickers and rolls with dynamic contents/metadata retrieved from external data sources, like RSS, txt, Microsoft Excel files and more. Top broadcast quality and easy of use allow CG Plus to be used for News Graphic, live production in talk shows, sports and entertainment. CG Plus is very simple to use and does not need any specific training. Page compositing is also very user friendly and allows to add multiple object like texts, clocks, crawls, rolls and media (audio, bitmaps, video and animations) e and define their specific aspect in detail.

Easy Integration

CG Plus can receive commands from external devices for hot keys functions (MOXA boards, RS232, custom Keyboards) to load and play multiple pages.
The simple Composer platform gives a wide range of possibilities to set position, transparency, static effects (blur, glow, shadow, etc.) and in & out transition effects for each object.
The interactive CG Plus engine allows switching from different templates with smooth transitions recognizing same elements and adding just the new ones. This smart solution allows infinite layers of graphic.

Top results, effortlessly

CG Plus is very simple to use and does not need any specific training. The user interface of the main playout section is displayed as a video mixer-like control with preview/program button bar and preview/ program video windows allowing users with basic video mixer knowledge to immediately get confident with the CG and graphics operability. Page compositing is also very user friendly and allows to add multiple object like texts, clocks, crawls, rolls and media (audio, bitmaps, video and animations) e and define their specific aspect in detail.

Broadcast Quality

CG Plus delivers top quality anti-aliased text, smooth interlaced crawls, tickers and rolls over SDI or NDI output. All layers are managed in 32 bits allowing precise alpha channel and transparency compositing. Text and media can be updated on the fly allowing to perform in live production environments. CG Plus is ideal to display graphical contents such as text, logos and animations, crawls, tickers and rolls with dynamic contents/ metadata retrieved from external data sources, like RSS, txt, Microsoft Excel files and more. Top broadcast quality and easy of use to manage News Graphic, live production in talk shows, sports and entertainment.

Adobe After Effects Integration

When you need the power of Adobe After Effects to create the most amazing graphics, you can take advantage of CG Plus Background Renderer. Simply import the AE project into the CG Plus Composer, position it on the screen, and CG Plus will use the AE Render command line (installed separately) to generate an animated proxy file for previewing. If the project contains editable data tags for text, bitmaps, or animations, they can be changed on the fly, triggering the background renderer automatically. Rendering time depends on system resources and AE project complexity..
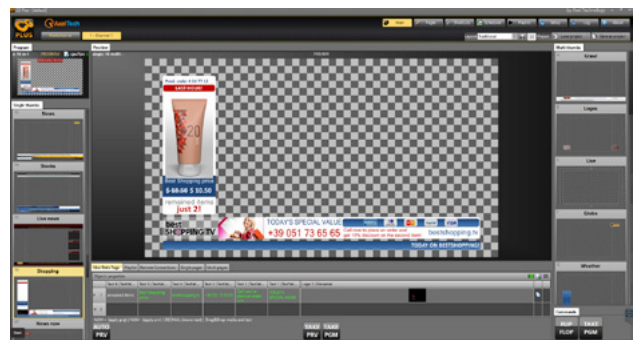
Excel as an App

CG Plus imports data automatically from TXT, CSV, RSS feeds and especially Excel files, so whenever data is updated, it goes straight on air. CG Plus respects fonts, colors and alignment specified in the Excel files selecting from which sheet and cells to acquire the data. Hidden or unprintable cells will not air, very handy fro comments and remarks to the user inputting the data. CG Plus also respects the formulas and database connections specified in the Excel files, allowing to create custom applications with macros and VBA scripting using CG Plus extended list of REST API commands.

CG Plus Includes:

- ■ CG Plus > Channel Branding and Live Graphics
- ■ CG Composer > Free CG template creator which can be installed on any Windows PC

// Versions

- ■ CG Plus (Software for 1 Channel)
- ■ CG Plus (Software for 2 Channels)
- ■ CG Plus Compact (Software+Hardware for 1 Channel)
- ■ CG Plus Compact 2CH (Software+Hardware for 2 Channels)
- ■ CG Plus Compact 4CH (Software+Hardware for 4 Channels)

CG Plus Fully Customisable Main GUI

For more information about CG Plus, visit our website