

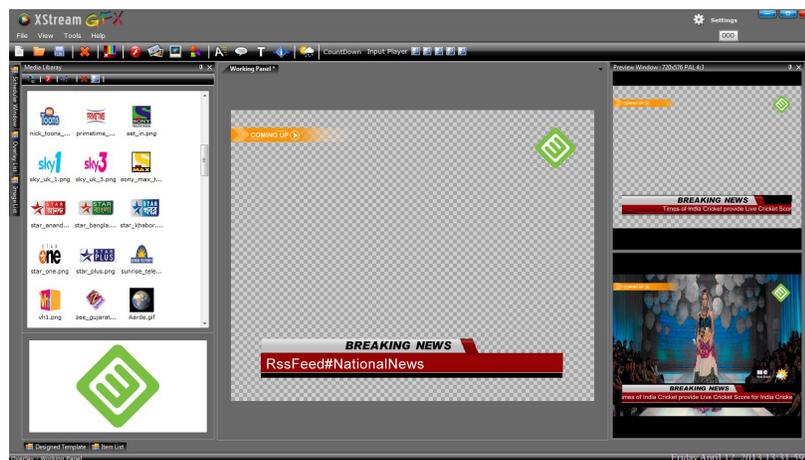
Channel-gfx

SD/HD Graphics Overlay Server

GFX is a real-time graphics overlay system which creates, displays and controls fascinating multi-zone screens with rolls, crawls, animations, clocks, channel logos and more. It is suitable for cable TV channels, digital signage applications, info-channels of hotels and shopping malls etc.

The user-friendly GUI of GFX allows you to add, edit and preview graphics insertions on the fly. Graphics can be placed anywhere on the video with various tweaks like transparency, scaling, docking, keying etc. Text graphics include simple typed text, text file and RSS feeds from web which can be edited during play out. You can also set the speed, direction, background transparency, font type of tickers. GFX also supports overlay of flash animation (swf) files and TGA sequences.

The best part is you can play around with the graphics overlay properties till you get your desired layout, save the overlay list and simply update the LIVE playout with that list.



KEY FEATURES

- Real-time Graphics Overlay System
- Full unicode language support,
- Support Latin, Cyrillic and Left to Right script
- Create Semi Transparent elements and texts and layer them over other graphics
- Dynamic channel branding, including logos, tickers, scrolls and flash animation
- real time RSS and XML data feeds from news agencies or other sources.
- transparency, scaling, docking, keying Properties for each graphics object
- Multiple scrolling tickers
- Schedule for graphics elements

GRAPHICS ELEMENTS

- **Logos** : Animated and Static Channel Bugs and Logos
- **Tickers** : Multiple tickers and crawls linked to external sources, news feeds etc. via XML or RSS interface
- **Clocks** : Analog and Digital Clocks
- **SMS Chat** : Messages from any SMS server in XML Format
- **Animations** : Macromedia Flash and Graphic file sequences (TGA Sequence File Support)
- **Automatic Titling** : What's up next and other graphics. Links to data in the playlist or XML



MULTI-LEVEL CHARACTER GENERATION

A powerful, HD/SD character generator allows the play-out of virtually unlimited layers of animated text and dynamically updated text with the following features:

- Wide range of text effects including outlines, drop shadows and gradient fills
- TrueType and Unicode character support for high quality display of Latin and non-Latin text
- Full control of the speed of each crawl layer
- Looping and single pass crawls



DATA INTERFACING

Channel-gfx offers advance data-interfacing capabilities for multiple applications, including sports, weather, elections and channel promotions:

- Interfacing to Microsoft Excel files, XML, RSS feeds, web data, and multiple databases, including MS-Access, MS-SQL, Oracle and all ODBC-compliant databases
- Interfacing to proprietary data feeds, including Reuters, AP, Sports Ticker, and Bloomberg



GRAPHIC ELEMENTS

- Crawl : Horizontally Running text messages
- Rolls :Vertically Rolling Credits And Messages
- Animations : Channel Logos (Animated Gif, Flash Animations)
- Text : Still Text Labels
- Pictures : Still Graphics (BMP, JPEG, PNG, TGA)
- Feeds : RSS Feed, XML

TECHNICAL SPECIFICATION

- Inputs : SDI, Composite
- Outputs : SDI, Composite



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