

The 5th Gear delivers what it means: Speed, Efficiency and the best performance at the lowest operational costs!

The **5th Gear**, the Windows™ based Character Generator and Page Composing application from Converge Horizons, is the most comprehensive and versatile global **CG package available for the newly Chyron Digital PC-Codi™**.

Built on a completely redesigned technology, the **5th Gear** uses the latest development tools available for Object oriented design and programming.

NOT like other similar Off-line products, the Off-line display, on the PC, is fully antialiased!

The **5th Gear** is also a very powerful, **platform independent, integrated Graphic and Text Content creator**, very efficient in non-linear editing, multiple-channel networked solutions, interactive applications and more.

Chyron INFiNIT!™ Machine and RGBA fonts can be used, **on the same page, simultaneously with its own rendered**, fully antialiased (256 levels), **True Type fonts** and logos, **completely OFF_Line**, for the most resourceful page creation, processing and display.

5th Gear ability to perform all the graphic work and page composing **completely off-line**, even on a laptop, its simple and intuitive operation, its focused array of features and its expandability expands its use for remote applications, sports, elections, or whenever speed and working space really matters.

Switching to 5th Gear will also bring:

- **Interactive, non-destructive resize of TEXT and GRAPHICS** - All graphics and text elements can be on-line resized, by just pulling their TABs handles. The resize can preserve the aspect ratio (useful when resizing text elements) or ignore it and fill up the text or image to the TAB's boundaries.
- **Rolls and Crawls**. - Roll or Crawl messages can be displayed in a rectangular window in front of the static graphics part embedded in the page. Unlike other packages, running a roll in a window will not affect the text and graphic elements surrounding the Roll window.
- **Vertical Writing** – TABs have a new property called “Orientation”. Changing the orientation will change the text or graphics characters’ flow from horizontally to vertically, upward or downward.
- **Cell Animation** - 5th Gear is able to display up to 10 cell animations running at the same time, on top of the static graphics embedded in the page.
Graphic thumbnails for every page - the Tree View displays the templates/pages list not only in the original text only format, but also in a very nice thumbnail list view.
- **Automation support and Automatic Playlist display**. The Playlist supports manual and time code operation, as well as a proprietary automation language based on the duration of each page display, enabling GoTo commands, loops, WaitToGPI or WaitToKeyPress etc. The Playlist also allows Multi-Channel operation.
- **Exceptionally powerful Drag&Drop support for most operations**. As an example, graphics and images can be D&D from any folder view or Windows Explorer™ window to the Font Editor window or Logo Clipboard, or even to the 5th Gear window, thus enhancing the standard “Add Graphic” dialog, making the operator’s work much easier. **The user can even select NOT ONLY graphics files but also ANY OTHER documents and drag them over the 5th Gear. The program will automatically select ONLY the supported graphics files and import them in ONE single step!**
- **Easy to use Batch –Processing for many operations**.
- **Ability of rendering True Type based, fully anti-aliased , high quality fonts within the application** .

The 5th Gear design allows fast addition of other important features. Options, such as the Video Capture Module and the Multi-Channel operation with individual Playlist per channel are to be released soon. As with many of Converge Horizons products, the users' feedback will be essential in defining and implementing a virtual "Good News List" for graphic artists and CG operators.

From the hardware point of view, the **5th Gear** greatly enhances the exceptional features offered by the Digital PC-Codi. Perfect video quality, SDI In , SDI Out, Upstream or Downstream mode, 256 level of antialiasing, found only in expensive dedicated hardware platforms are now possible with this low cost, very powerful PC board.

The **5th Gear** includes many of the features that made OverDRIVE the most focused and the fastest 2D page Composer in the industry.

- Unlimited TAB positioning and sizing capabilities and flexible z-axis TAB positioning
- Unlimited layers
- Multi-line Paragraph TAB and import of practically any Text File into TABs.
- Data TABs, or Page updates from either Chyron CGs or PC, manually or from an external source.
- Resizable WYSIWYG Preview window.
- Multiple choices for most operations
- "Lasso" TAB selection, Drag & Drop, Copy & Paste for TABs, Pages and Templates,
- Import/Export of BMP, TGA, JPG, TIFF, RGBA files.
- Page Wizard for very fast creation of chains of new Pages, within a Project
- Powerful and friendly Editors and Assets management tools (for Logos, Fonts, Palette, TAB Inspector, etc)
- Complex Speed Menus and one-key shortcuts for most operations
- Export as HTML Album for FONTS and Pages.
- Full FTP support included for easily downloading graphics/messages from iNFiNiT! Series systems.
- Importing multiple Chyron messages in one single step
- Conversion of Chyron graphics to industrial standard file formats (BMP, Targa, TIFF, JPEG, PSD) for individual elements or whole collections, including RGB fonts or Lyric fonts.
- Bidirectional conversion between iNFiNiT! and Lyric RGB fonts
- Off-Line/On-Line Playlist Manager. The On-Line operation allows triggering individual pages with specific Read Effects.. The Time Code option extends the manual operation to an automated display and allows each page to enter at a specific "Time Code In" and to exit at a specific "Time Code Out".

The high performance of the Digital PC-Codi and the extent and depth of 5th Gear capabilities make this package a very cost effective, high quality solution for an extensive array of applications.

The **5th Gear** will still benefit from options such as:

TAB-Ex - **A very fast and efficient import of Excel™ files into high content graphics and captions Pages** and from here to the rest of the world. It allows the user to create links between TABs and external data through Excel™ tables.

Any DDE or OLE capable application, remote data from any SQL database, Web Data Request (through SQL) and Pivot Tables provides the data link to the 5th Gear TABs. This moves the TAB-Ex to a very specialized application, essential for On-Line stock market display, other financial applications, sport and elections.

CH-Artist - A powerful, while affordable package working with 5th Gear, allowing the **creation and display of business graphics**, such as pie-charts, bars, charts with data from Excel tables. It is very user friendly and it generates outstanding video quality graphics.

Digi-Time – Clock Display application for Chyron Digital PC-Codi.

O'Store – Off-Line 32-bit Windows™ based, Still Store and Graphic Management system, able to handle Chyron's IMAGESTOR!™ graphics. Optionally, it includes a stand-alone on-line module for the Digital PC-

CODI board. .The user can Drag&Drop images TO and FROM different applications, CONVERT them ON-THE-FLY, organize and select them by almost any criteria. The program is outstandingly user friendly and it doesn't practically require any formal training.

Minimum Hardware and Software requirements:

Pentium II/733MHz, 256MB RAM, XVGA 8MB (1024x768x24bpp)
200MB Hard Drive, Windows NT4/2000/XP

For the most optimum configuration and compatibility with Chyron Digital PC-Codi, please contact us at support@convergetech.com, or a Chyron Customer Service representative.

All specifications, including names are subject to change without notice.