

## ChyTV Tools 3.6 Release Notes (8/23/07)

Thank-you for your interest in ChyTV. This version 3.6 of ChyTV Tools includes a number of features and enhancements we hope you'll find useful and reliable. The most significant changes include support for the ChyTV SDI, a serial digital 601 version of the familiar ChyTV Plus, and FTP server enhancements to improve real-time data delivery from services such as Datacall ([www.datacalltech.com](http://www.datacalltech.com)).

New to the 3.6 installation:

### ChyTV Tools

#### New Features

- Added support for the ChyTV SDI devices (serial digital 601).
- Added support for the ChyTV HD100 devices.
- Added a new tab for the managing of Video Clip files (available only to HD100 devices).
- Added the ability to directly upload your project to your ChyTV.net account.
- Added support for the Windows Vista operating system.

#### Bug Fixes

- Fixed a bug where for each reattempt at connecting to a device on startup, a cloned entry of the device would show up in the device listing.
- Fixed a bug where sending large files to ChyTV devices across the Internet could lock up the application during transfer.
- Fixed a bug in the comparative logic that determines which files are out of date and need to be downloaded to the device during an "Update All" operation.

### ChyTV OS (i.e. ChyTV.MI, ChyTVNet.MI or ChyTVPlus.MI on CF card)

#### Bug Fixes

- Improved FTP server reliability.

### 3.4 Notes

In addition to improved software and 'firm' ware (i.e. ChyTV device OS), we've greatly improved our documentation. If you're using our earlier manual, you'll want to go to the new one included with this installation. It's also available from our Web site's support page. For new users, Chapter 6 (ChyTV Tools Quick Start Tutorial) may be of particular interest. Chapter 6 is a step by step walk-through of initial project and page creation steps. It includes ChyTV Elements use and references sample content included in the **Tutorial** project.

Note that we've also included a number of sample backgrounds and graphics from a company called Digital Juice. These can be found in your installation **Projects** folder under **Digital\_Juice/images**. This content is from their Presenter's Toolkit package. Their packages are very reasonably priced and include thousands of graphics useful for any industry. Our artists at ChyTV make daily use of Digital Juice graphics and highly recommend their products. This is not a paid advertisement. The DJ stuff is really good and really cheap.

New to the 3.4.0 installation:

## ChyTV Tools

### New Features

- **(Projects)** Projects can now be uploaded to Chyron for technical support. See the **Help / Upload Project** menu.
- **(Projects)** Projects can now be saved as ChyTV.net packages for uploading to the ChyTV.net server. See the **File / Prepare Project for ChyTV.net** menu.
- **(Projects)** The user now has the option to create a project backup file.
- **(Page Preview)** Added preview support for the RS232 tag, BUTTON tag, and BT tag.
- **(Page Preview)** The page preview now supports the display of unknown tag types.
- **(Page Preview)** The color bars on page preview video tags were restored.
- **(Settings)** Added an option to the Application settings. Active Data can now be configured to update within a range of pages when issuing an Update All operation. This is particularly useful for Datacall use so as not to overwrite Datacall data during updates from ChyTV Tools.
- **(Settings)** Added a warning message when enabling screen refresh.
- **(Settings)** Added an option to the Connections / All Devices section to switch to "Work Offline" mode when starting ChyTV Tools.
- **(Settings)** Added an option to the Connections / All Devices section to switch to Full Video when the device is selected.
- **(Settings)** Added a Plus tab to the settings. Some of the ChyTV Plus features can now be configured through ChyTV Tools:
  - **Unit network setup:**  
When connected to the ChyTV Plus through a USB protocol, the user can configure the unit's network settings without having to remove the CompactFlash card and making the changes directly in the configuration files.
  - **GPI:**  
The GPI functionality of the ChyTV Plus can now be configured. The user can select from any of the available GPI pins on the ChyTV and map certain functionality to them.
- **(Devices)** The ChyTV now supports Russian (Cyrillic) character sets.
- **(Devices)** Added a new command line parameter, "-noping". This parameter should be used on networks that prevent ping requests through the firewall.
- **(Devices)** Expanded the size of the device listing so that the contents are not clipped.
- **(Miscellaneous)** Added a new version of the PowerPoint Add-in, ChyTV Elements, version 3.92. This version includes features specific to created pages to work on the ChyTV Plus device, as well as the new Publish feature.

### Bug Fixes

- **(Active Data)** "Change Data Type" button was not properly committing changes.
- **(Active Data)** Improved Active Data update algorithms.
- **(Devices)** Improved Ethernet device communication stability. This is only available when installing the latest MI file (3.36).
- **(Flip Books)** The Flip Book preview function now works as expected.
- **(Page Preview)** Previewing a page generated from a single image file (.bmp, .jpg, etc) will no longer crash the application.
- **(Settings)** The *Pause* button would stop playback immediately instead of pausing it when the current page finished.
- **(Settings)** Fixed a bug with the date/time stamp on the settings between the PC and the ChyTV.

- **(Elements)** The conversion process when invoked from 'Save As ChyTV' in ChyTV Elements was not using PAL when PAL authoring was set in ChyTV Tools. Conversions were always NTSC.

### **ChyTV OS (i.e. ChyTV.MI , ChyTVNet.MI or ChyTVPlus.MI on CF card)**

#### **Features**

- Added new clock formats for International display
- PAL Adjustments.
- Update Active Data in Memory on ftp read of Active Data File.
- ChyTV Plus: Added GPIO Out and GPIO Setup.
- ChyTV Plus: Added RS232 command Output
- Increased number of effects on screen from 20 to 100.
- Text files as input to Active Data Fields with scroll.
- Added {ON} and {OFF} to the <AUDIO> component.
- Added <O> operational component to playlist.
- Added Random Number Generator for Active Data Render.
- Added ability to periodically automatically issue a System reset and an Ethernet reset, in addition to 4 exact time fields HH:MM:SS to SYS= and ETH= for auto reset of system and ethernet.
- Added ability to turn off FTP for security by adding FTP=off to IP.TXT file.
- Added ability to increase networking priority during disk i/o functions by adding NET=p to IP.TXT file.
- Added extra failsafe Reboot of BackUp, .BU, file in case .mi doesn't load. If for some reason the main MI OS file becomes corrupted, either through file transfer or other, a backup version of this file is maintained and will automatically be booted when the primary boot fails.

#### **Software Developer's Kit Programming Features**

- Added \VV\volume\\ command to adjust volume of wav file. Fix Clip of last line of Flipbook.
- Added \A+\ and \A-\ command to step through AD fields. 2) Added space between AD fields in crawl. 3) Corrected \IP\S\ problem.
- \A+\ and \A-\ not working from GPI. Set giADRange = 1 in StepNext & StepPrevious ADRange().
- Added \RR Read Page with returned Response command. Add \SW command for playlist pause.
- Added \PS\##\ and \PSJ\##\ for Play list step Jump To commands.

#### **Bug Fixes**

- Added DELETE before fopen in ftp STOR command & modified end up of STOR ftp function.
- Display problem on Flipbooks with Center Justify and Effect.
- Single AD fields not appearing on page display.
- Free all components when BREAK is detected from ChyTV Tools. This helps prevent lockups during communications.