

USER MANUAL

AW Frames/Logos Configurator

A Crestron Smart Graphics™ module

V04.02

Developed by



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Description

AW Frames/Logos Configurator is a high-end Crestron Smart Graphics™ component (SmartObject™) designed to easily select the current frames and logos from the image library stored in any LiveCore™ series devices.

Requirements

This module is supported by any 3-series Crestron's processors as long as these processors provide an Ethernet connection. It will only work with Smart Graphics compliant panels such as TSX Series (TSW, TST, ...), TSD2020, TPMC-V Series (V12, V15, V24), DGE-1, DGE-2, Smart Graphics™ XPanel and web XPanel, windows surface pro (windows 8.1 with adobe air 3.5). Apple iPad, Apple iPhone and Android are not supported yet.

Minimum software versions:

Software	Versions
SIMPL Windows	4.03.20 or above
VTPro-e	6.0.07.03 or above
Smart Graphics™	2.09.04.03 or above
Device database	75.00.001.00 or above
Crestron database	56.05.001.00 or above
Simpl+ cross compiler	1.3 or above

Important note:

Due to the specific nature of VTPro Crestron Subpages, it is not recommended to have this module on the same subpage as Crestron's Smart Graphics module (button, list ...).

The module can be placed in a subpage, but scrolling the "source" list might result in other object interaction being suspended. We do not recommend using the module in Crestron.

For now, we do not recommend putting the object in a subpage unless, the object does not display any scrollbar.

Module main features

- Visualization of the LiveCore™ image library
- Capability to select a frame or a logo from the image library with simple drag and drop gesture
- Customizable look and feel
- Image library automatically updated when any new image is loaded (remotely from the WebRCS)
- Frames/logos panel can be locked in order to restrict users from changing the frames or the logos
- Type-dependent font color for image labels (for differentiating the logos, the frames and the dual frames)

Installation

To install the package, follow these steps:

- Make sure the Crestron VPro-e application is not running. Locate and double-click the program **AW_SmartGraphicsPackage_4.02_setup.exe** then follow the installation instructions.
- Launch VPro-e and create a new program.
- Display VPro-e's smart graphics control browser.
- Look for **"Technidream"** category, you should find the new module in there.
- Drag and drop the module on your panel and customize it.

Updates

Updating the module with a new version requires a few steps:

- Close VPro-e.
- Uninstall any previous version using Windows uninstall application procedure.
- Install the new version of the module (see **Installation** section above).
- Check that the version has been correctly installed:
 - Open a program using the Smartgraphics module,
 - Go to VPro-e "Smart Graphics control browser" panel
 - Make a right click on the module to update,
 - Select "update control" and confirm.
 - Open a page using the module and check that the module is rendered correctly.
 - Selecting the module on the page, check in the "Property panel" that "VersionNumber" is set with the correct value.

If a module is not correctly rendered in a page after an update:

- Please check that all the modules' properties are set correctly: sometime VPro-e does not copy properties as expected, and some properties are wrongly set.
- If the problem is not resolved, it might be needed to rebuild the broken module: include a new module instance, and copy the old module properties in the new one using right click button.

Usage

- First of all, define the two "System message joins" to connect the module with Analog Way driver.
- Define the LiveCore™ ip address field, eg: "192.168.2.140".
- Define the image panel dimension and customize the module look and feel.
- Define **"Base analog source join"** which is the analog join that will be incremented to send and receive the frame or logo image identifier. If this field is set to "21", then frames joins will be 21, 22, 23, 24 and logos will have 25, 26, 27, 28 analog joins.
- Define the color of reduced stills, large stills, and dual stills, in order to differentiate the image types that will be loaded from the library.
- Once the module is properly configured, compile and enjoy your new AW frames/logos Configurator add-on.

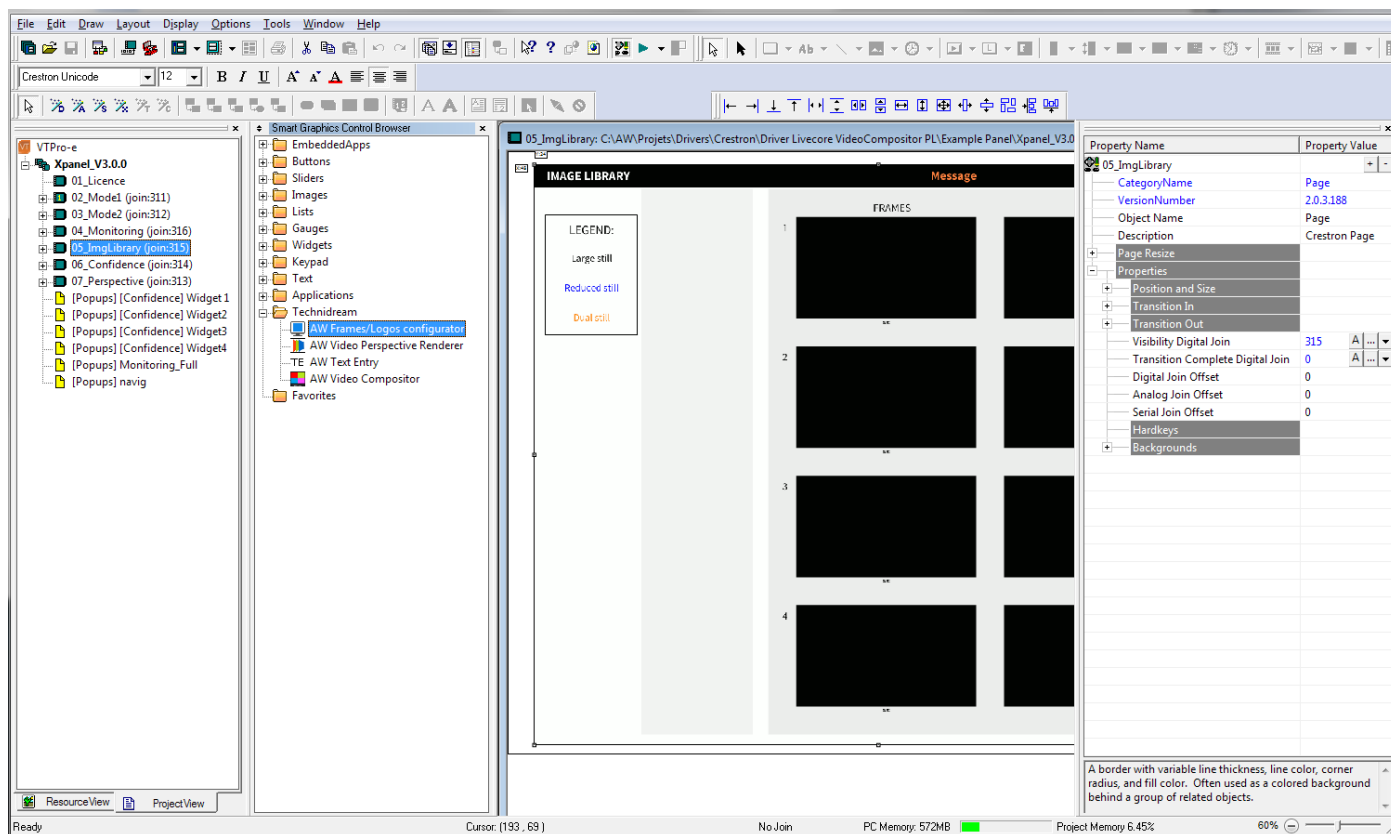


Figure 1: Style customization in VTPro-e

Module layout

The images below show the different module areas:

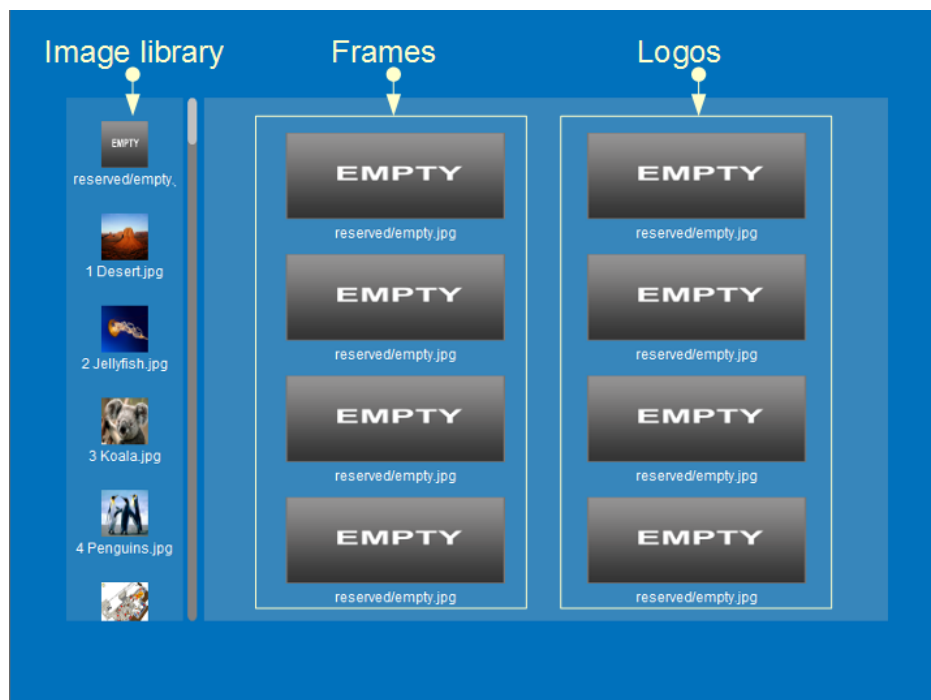


Figure 2: Main layout

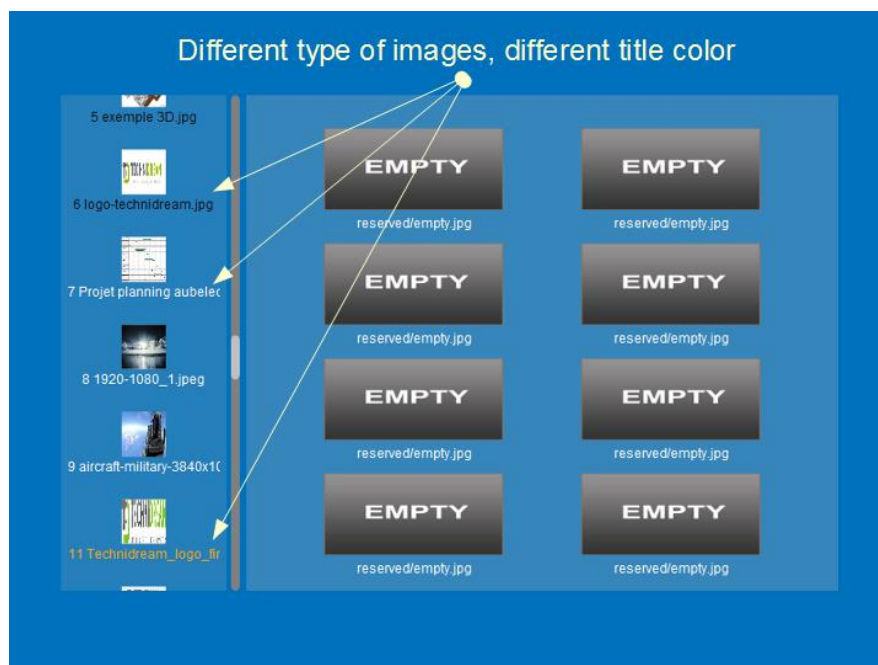


Figure 3: Different image types in the library

VTPro-e properties

General	Description
Position and size -> Top	The object top left corner vertical position Y (in pixel)
Position and size -> Left	The object top left corner horizontal position X (in pixel)
Position and size -> Width	The object width (in pixel)
Position and size -> Height	The object height (in pixel)
System message Join	It is important to set this Join properly in order to synchronize Analog Way control system with the AW Frames/Logos Configurator. If this Join is not correctly configured, the module might not be displayed on the panel
System message Join 2	It is important to set this Join properly in order to synchronize Analog Way control system with the AW Frames/Logos Configurator. If this Join is not correctly configured, the module might not be displayed on the panel

Window Properties	Description
Window background color	The window background color
Background alpha	The window background transparency level
Source panel dimension	The source panel dimension. Corresponds either to the width or to the height of the panel depending on the source container orientation
Target panel margin	The gap (in pixel) between the image library panel and the frames and logos panel
Scroll bar dimension	The scroll bar dimension. Corresponds either to the width or to the height of the scroll bar depending on the source container orientation
Scroll bar bg color	The scroll bar background color
Scroll bar cursor color	The scroll bar cursor color

Source Properties	Description
Disable sources join	Disable the sources when the signal is High
Device IP /Host name address	Analog Way mixer device IP address
Refresh sources list join	Join used to refresh the image library on a rising signal
Busy join	This signal is set to High value by the module when it is busy
Source dimension	Image thumbnail width and height in pixel
Source margin	The space between two sources in pixels.
Big image title format	Big images title format
Small image title format	Small images title format
Big image dual title format	Dual images title format

Targets Properties	Description
Closing button dimension	The closing button dimension in pixel
X margin	Margin on x-axis between frames and logos
Y margin	Margin on y-axis between frames and logos
Base analog source join	The analog join base. Frames joins' starts from (base join) to (base join+4) and Logos' joins will start from (base join+5) to (base join+8). For example: setting this value to 21, frames analog join will be 21,22,23,24 and logos analogs join will be 25,26,27,28

Useful notes

System message joins

It is critical to link the two serial joins with the Analog Way main module in order to display the AW Frames/Logos Configurator module. Synchronization messages are exchanged between the two modules. If these two joins are not properly configured, the AW Frames/Logos Configurator module will remain hidden.

Invisible overlapping and z-order troubles

The source panel becomes automatically scrollable when the number of sources exceeds the panel's bounds. However, even if not visible, the scrollable source panel can overlap other Crestron objects if the module's Z-order index is higher than the Z-order index of other objects.

It is highly recommended to give the AW Frames/Logos Configurator the smallest z-order index.

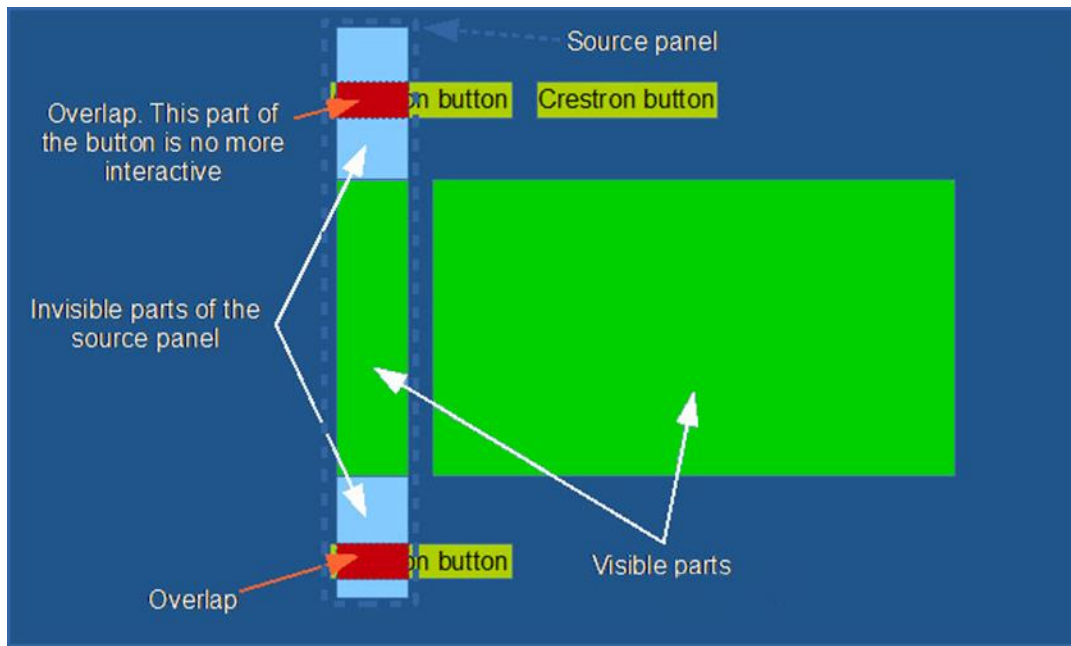


Figure 4: the source panel can overlaps other widget in the same page

To avoid this problem, just give the video compositor the smallest z-order index as shown below:

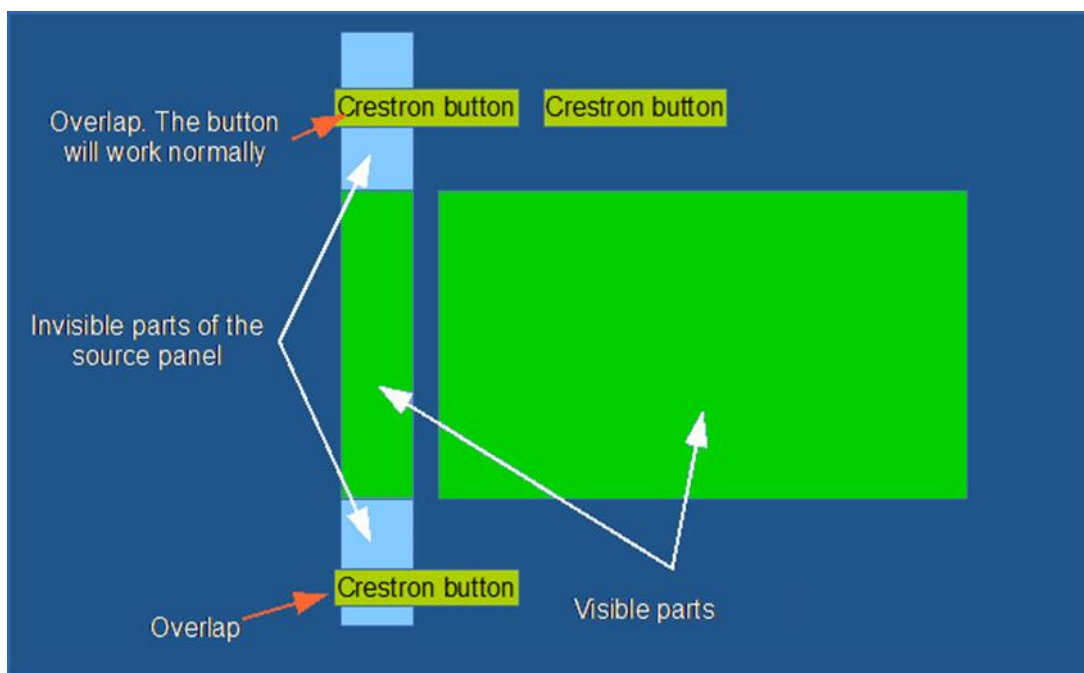


Figure 5: The module does no more break other widget interaction

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