# CORIOgrapher (v3.1.2.2)

This software is for:

- Hardware: CORIOmaster™ (C3-540), CORIOmaster™ mini (C3-510), CORIOmaster™ micro (C3-503).
- Firmware [CORIOmaster]     : M410 or later
- Firmware [CORIOview]         : NOT Supported
  - use CORIOdiscover V1.7.2.2 or later to update to this firmware.
- Software: CORIOgrapher v3.1.2.2

✅ For help with connecting, setting up, and using CORIOgrapher, see CORIOgrapher Help, or the Quick Start Guide that came in the box.

## Downloads

Download the latest firmware here: tvone.com/firmware-updates

Download the latest control software here:

CORIOgrapher: https://tvone.com/tech-support/software

CORIOdiscover: https://tvone.com/tech-support/software

## Previous releases

Read details on previous releases here:

tvone.crmdesk.com/image.aspx?mode=file&id=14137

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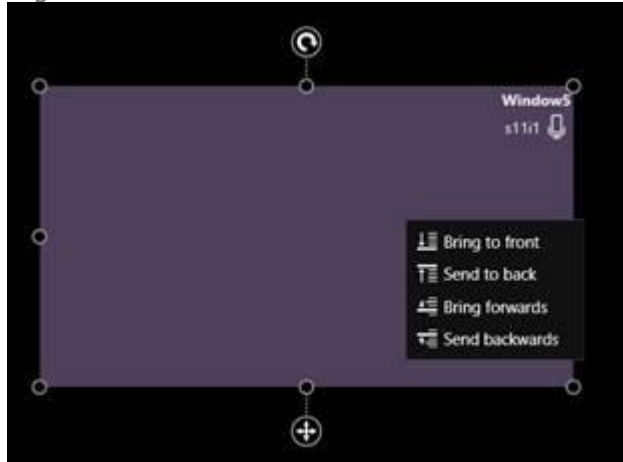Released by: Neil Baptiste                                23/10/20

## [New Features CORIOmaster variants with FW M410 and above and CM2 M501 or above only]

- Locked the supported C3 API versions to >= 4.10 (allowing connection to M410B61 onwards)

- CG: Sync AVIP Playback (8xHD)
    o Enabled AVIP sync (8HD) mode for all C3 variants.

- CG: Add Keying module support
    o Enabled Keying module support for all C3 variants.

- CG: Add AES IP stream support
    o Enabled AES support for tvONE C3 variants.

- CG: AES IP Stream: AES key and IV now allow upper or lower case A-F (a-f)

- CG: Provide an export button on the **O**ffline **C**onfiguration **E**ditor screen
    o Updated to show configuration name in sub heading (and not the product code)
    o Change the description of the fan filters, append "(user-replaceable)"
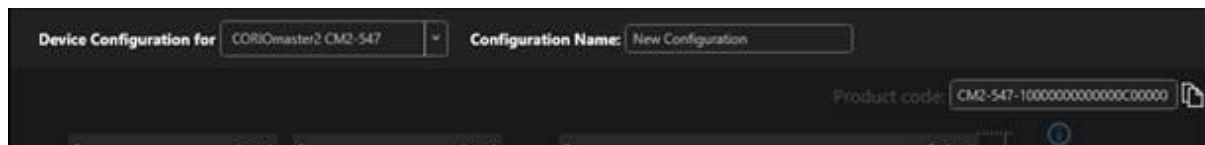    o Updated the export icon



- CG: OCE: Add product code generator and decoder for CM2.

- CG: Add support for 40 IP encoders
    o Offline configuration for C3 family (master, mini, micro) will create 40 IP streams (CM2 is still 20)

- CG: Do not allow display equipment with high framerate 4K resolutions to be used when connected to C3 device
    o Validate the resolution specified by the equipment against the support resolutions for the output before assigning and dont assign if not supported.

- CG: Editor : Right click context menu to send to front or back for window zorder
    o Right click context menu will appear when right clicking on Window or the move handle for a selected Window
    o Right clicking on a Window will select the Window, and will unselect any other Windows you may have had selected before
    o Allow window to be sent to the back or brought to the front using options on the context menu
    o Options for Send backwards and Bring forwards
    o Right click context menu to the zorder handle on the Windows list.

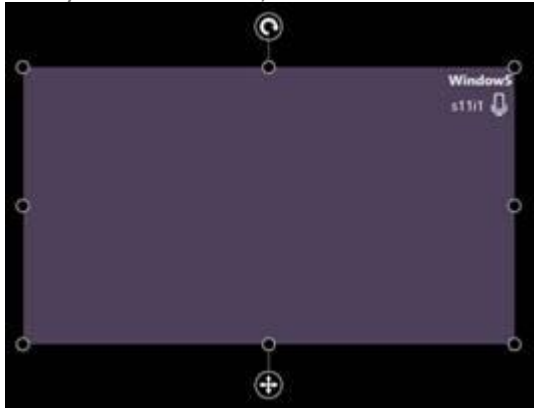o Right click context menu on rotate and move thumbs



- CG: Add model number for 4K 4xIN module
  - o Initial support for HDMI 4K 4 Input module intended for sales product code generation (using OCE Product Code) only.
  - o Allows the module to be selected in the OCE and you can type in the module ID "A" into the Product Code to add the module.

- CG: OCE: Add product code generator and decoder for CM2
  - o Product Code is generated based on chosen IO's and options when creating an Offline configuration. You can copy to clipboard by using the icon next to the code
  - o You can also paste in a product code, or edit the code directly, in the OCE and it will update the IO and options accordingly
  - o A Product Code is generated for the current config, either from loading a cmc2 file or by connecting to a device, and can be viewed on the module configuration page
  - o Note: there is no way to detect the Fan Filter option, so this is always set to empty on the module configuration pa



- CG: Allow connection to the new model numbers
  - o This will support old and new (LPC4088) CPU modules in the CM2 chassis.

- CG: Editor : Add move handle to selected editor items, so you can move items under other items.
  - o Added the move handle to the editor item adorner. This uses the same move drag as the parent canvas control

o Restyled the resize, rotate and move thumbs.



- CG: Make sure Window keying options are not available for CM2
  o Only show keying window settings for C3 products (not visible for CM2).

- CG: Allow for C3 range configurations and connections to those device
  o Added support for C3-540, C3-510 and C3-503 devices and configurations.

- Merge All work from **CC** 8.1 releases up to and including 8.1.0.17.

- CG: Implement HDMI 4K 4-In rules
  o HDMI 4K 4-In (High Bandwidth) module can only be selected in column 2.

## Fixed

- Preset lengths can be set to over 60 seconds (ref: 808142)

## Notes

Known Issues:

- If you are installing CORIOgrapher v3.1 and already have CORIOgrapher v2.9 installed, then double clicking a CMC config file may still open in v2.9. If the CMC files do not automatically register to v3.1 you can change this by right clicking the file, selecting Open with…, and then choosing CORIOgrapher v3.1 from the list.

- Encoder Manager dialog uses tabs and the tab default behaviour changes the selected tab highlight when the mouse hovers over child items.

- Third-party ColorPicker control is difficult to customise so the Advanced section has some dark text on a dark background.

- Application Window title bar is not themed, this will be done for the next release.

- Canvas Cut-to-black will overwrite the current output cut-to-black and canvas audio mute values.  The hope is to have this behaviour supported by the firmware in a post 406 release, so the current values can be maintained.