



# CREATIVESTUDIO® 7.0

## Installation Instructions & What's New with CreativeStudio 7.0

### Installation Instructions

Gammill is pleased to announce CreativeStudio® Version 7.0 which is available at [www.gammill.com/creativestudio7](http://www.gammill.com/creativestudio7)

**This version is for Windows 7 or 8 or 8.1 computers only, Ethernet controllers (Mod A & Up) only.**

#### CreativeStudio® Installation Instructions:

- Download ***CreativeStudio\_7.0.0\_Installer.exe*** (As needed: copy this file to your flash drive move this to your desired PC, copy this file to the PC, then eject your flash drive)
- There is now no need to uninstall your old version of CreativeStudio.
- Run the Installer file and follow the onscreen directions
- Start CreativeStudio® and notice the introductory splash screen now indicates Version 7.0
- Be sure to select your Controller (MOD) Type.
- Under the Tools menu item, select “Controller Definition” and set your user defaults, such as SPI, etc.
- You are now ready to run CreativeStudio®, Happy Quilting 😊

## What's New

### **New Pattern Management**

Now all the patterns stored on your computer are shown in the Patterns tab. The patterns are now shown as much larger tiles. *To use: Click the 'Patterns' tab on the left side of the screen, by default all patterns are shown.*

### **New Pattern Database**

Now all the patterns on your local computer are stored in a searchable database. This database can also be synced to the cloud for backup purposes. *To use: If you want to sync your database data with Gammill's servers, first login by clicking the 'avatar' icon in the 'Patterns' tab, once logged in this icon will become a 'cloud' icon. This sync operation will copy your patterns and tags to Gammill's database and optionally retrieve tags from the global quilting community.*

### **New Pattern Search**

Now you can quickly find a specific pattern. *To use: While in the pattern tab, at the top, type in your desired search criteria. The search can be constrained by changing the search term in the light grey drop down.*

### **New Advanced Pattern Search**

Now you can quickly find a specific pattern by using multiple search criteria. *To use: While in the pattern tab select 'Advanced Search'. Patterns can be searched by tag, also with Boolean operators (And, Or, Not). They can also be searched by type (E2E, P2P, etc.), Author and Collection.*

### **New Store tab**

Now you can quickly search the Cloud for patterns that meet your quilting needs. *To use: If your PC is on the web, click the store tab, type your desire search term and CS will search the Gammill database for patterns that matches your search criteria. If desired you can purchase those patterns for your own personal use and they will automatically be added to your local database.*

### **New tabs minimized or expanded**

Now you can improve your Quilt Group tab viewable area by minimizing your Pattern tabs, or you can expand your tabs to better view your patterns. *To use: To minimize click the left arrow icon in the tab area. To maximize click the right arrow icon.*

### **New customizable pattern tiles**

Now the pattern tiles in the Pattern Management tab, Store tab, or Project tab can be set to small, medium or large. Tiles can be arranged Alphabetically, Newest First or Show Favorites First. Tiles can be visually changed by showing Name, Start/End or Jumps. *To use: While in the Pattern tab click the gear icon. To change size pick Small, Medium or Large. Click 'Show Pattern Name' to show the name at the bottom of the tile. Click 'Show Start/End' to show a green*

mark by the start of the pattern and a red mark by the end of the pattern, if the start and end are in the same place the mark will be red & green. Click 'Show Jumps' to show jump stitches in the pattern with a blue mark.

### **New Pattern Tile right click menu**

From a pattern tile you can right click and pop up a menu, in which you can 'Add to Project', 'Add to Favorites', 'View Tags', 'View Properties', 'Export Pattern', 'Sync: Backup to Cloud', 'Sync: Restore from Cloud', 'Delete Pattern'.  
*To use: In the Patterns or Project tab right click the tile to see the options. In the Project tab there is an additional option of 'Duplicate Pattern'.*

### **New Manage Collection**

List patterns by collection. *To use: Click 'Manage Collection' under the 'Gear' icon. All collections will be shown; if you click a collection then all patterns in that collection will be shown. You can delete the collection by clicking the 'X' by the collection name. NOTE: Still under development.*

### **New Pattern info**

Now no matter where a pattern is, its info can be accessed by right clicking and picking 'View Properties'. On the Quilt Group tab screen this can also be retrieved by clicking the 'i' icon. *To use: While in a tab right click the pattern tile and select 'View Properties'. While on the Quilt Group tab right click the pattern and select 'View Properties' or left click a pattern and click 'p' on the keyboard. Also a simplified pattern properties automatically shows when a pattern is selected in a Quilt Group tab.*

### **New Pattern Import**

Now you can point CS to any pattern folder adding those patterns to your database. *To use: While in the Pattern tab click the 'Paper' icon and select 'Import Patterns' point to a folder or a drive location. If you want you can change the Author, Collection and tag. You can deselect patterns as desired.*

### **New Import Patterns from iPatternStudio or PVM**

If you are a user of iPatternStudio or PVM you can import the tagging and categorizing work that you have done. *To use: While in the Pattern tab click the 'paper' icon and select 'Import iPatternStudio' or click 'Import PVM'. With iPatternStudio simply click 'Import iPatternStudio' and point to your database. With PVM first you need to use PVM to export your patterns into a folder and then use CS's 'Import Pattern' to add those patterns to the CS database, next select 'Import PVM Database' to import your custom PVM tags, collections, etc. NOTE: Still under development.*

### **New auto add Patterns from USB stick or CD**

Quickly add patterns to your database with this new auto pattern detection routine. *To use: While CS is running insert a USB or CD with patterns, CS will prompt if you want to search the device for patterns, just click yes. Next follow the directions for Pattern Import.*

### **New Pattern drag onto Quilt Group tab**

Quickly place a pattern in your quilt group by dragging it from the Pattern Management tab, the Store tab, or the Project tab. Auto makes a copy in the Project tab if drug from the Pattern or Store tab. *To use: Click and hold the desired pattern with the mouse, drag the pattern onto the Quilt Group tab screen, let go of the mouse to place the pattern.*

### **New pattern hot keys**

While dragging, rubber stamping or selecting a pattern on the Quilt Group tab can be quickly by a single key be flipped horizontal, flipped vertical or rotated at any degree increment. *To use: While dragging the pattern on the keyboard press 'X' to flip horizontally, press 'Y' to flip vertically, press 'Space' to rotate the pattern. The same keys used on a selected pattern in the Quilt Group tab will manipulate the pattern. The rotation amount is set by right clicking the pattern and setting pattern rotation angle.*

### **New Repeat Patterns support in SAM**

Now Patterns can be placed in SAM relative to any click. *To use: While in Repeat Patterns setup click anywhere on the Quilt Group tab screen. You can use grid or endpoint snap for these clicks.*

### **New Repeat Patterns Setup form**

Patterns can be dynamically changed and critical properties field can now be locked. *To use: Click the 'Repeat Patterns' icon, click your reference point with the mouse or the Stitcher. Next set your Pattern Size, Repeats and Rows, Total Size and Spacing. By default Total Size is locked to maintain the value the user enters, if desired the lock in Repeats and Rows can be selected instead.*

### **New Edge to Edge support in SAM**

Now all the points can be entered while in SAM with the mouse. While connected to the Stitcher points can be clicked with both the mouse and the head. *To use: While in E2E setup click the four corners on the Quilt Group tab screen with the mouse. You can use grid or endpoint snap for these clicks. Note: Clicking all four points with the mouse is for training and is not practical for use on an actual quilt.*

### **New Edge to Edge Setup form**

The form now guides you how to proceed by showing an image of where the user is supposed to click. The form is not enabled till the user has entered the basic points and necessary information. *To use: Click the 'Edge to Edge' icon, follow the image and words for where to click your points with either the Stitcher or the mouse. Next you must enter the 'Quilt Length'. Finally change your parameters as desired.*

### **New Border Corner support in SAM**

Now all the points can be entered while in SAM with the mouse. While connected to the Stitcher points can be clicked with both the mouse and the head *To use: While in BC setup click the four corners on the Quilt Group tab*

screen with the mouse. You can use grid or endpoint snap for these clicks. Note: this is for training and is not practical for use on an actual quilt.

### **New Border Corner Setup form**

The form now guides you how to proceed by showing an image of where the user is supposed to click. The form is not enabled till the user has entered the basic points and necessary information. *To use: Click the 'Border Corner' icon, (if you are setting up the bottom of your border then be sure to check the word 'Bottom') follow the image and words for where to click your points with either the Stitcher or the mouse. Next you must enter the 'Quilt Length'. Finally change your parameters as desired.*

### **New Mini Wizard will give help in each section**

Now in each setup field is a "?" that contains help for that specific item. *To use: Start any setup, as desired click the "?" icon at the top of any section.*

### **New Build Pattern Catalog feature**

Now you can make your own custom pattern catalog. Just point to any folder, CS will auto search all sub folders. Also you can make a catalog of your search in the Pattern tab or the patterns in your Project tab. The result can be saved as a PDF document, an Excel spreadsheet, or a Word document. *To use: While in Pattern or Project tab click 'Build Pattern Catalog' under the paper icon drop down, this will make a catalog of all patterns in that tab. To make a catalog of a folder or a drive, click 'File' menu item, then 'Build Pattern Catalog', select your desire location, click 'OK', if desired click 'Print' or click 'Save' then pick either 'Excel', 'PDF' or 'Word', then pick a location for the file.*

### **New Cursive Font sews continuous letters**

Now you can create single line cursive continuous sewable text. *To use: Click Text icon or right click the open Quilt Group tab and pick Text, mouse click a point, type your phrase, pick Cursive, choose your font, and choose the font style. Note: to add a Cursive font in the 'Patterns' tab click the 'Paper' icon then select 'Import Font Group'.*

### **New Text to Boundary, Point or Apply**

Now text will auto fit into a boundary, go to a point, or apply along a pattern. *To use: While in Text setup click a boundary or clicks an empty point on the Quilt Group tab. It is best if applying text along a pattern for the pattern to be simple.*

### **New Universal pattern anchor: Edge, Center and Stretch**

Now you no longer have to cycle thru the pattern anchors to make custom pattern changes. *To use: Click the Pattern Anchor icon and cycle thru different anchors the new Universal Anchor is made up of three anchors. Stretch Anchors are grey, Center Anchors are Orange, Edge Anchors are Blue.*

### **New Nudge anchors with arrow keys**

Now pattern anchors can be moved precisely. *To use: Click an anchor handle (it will change color when selected), while holding the mouse key down click the keyboard arrow keys.*

### **New inset Apply patterns supported**

Now patterns with a tucked in Start or End work for Apply Pattern.

### **New Stitcher and Mouse functions consolidated**

Now Head only and Quilt Group tab only functions are one icon, for example instead of P2P Line for the Stitcher and Draw Line for the mouse we now just have 'Draw Line'. Depending on where the input comes from is where the XY information is pulled from. It is possible to click 'Draw Line' then click all mouse points, OR all Stitcher points OR go back and forth. *To use: Click any drawing function then use the head and or the mouse to click your points.*

### **New Snap goes to both Endpoint and Grid point snap**

Now you just need to turn snap on and when you are close to an Endpoint your drawing will snap to that, when close to a Grid point it will snap to that. *To use: In the Status Strip pick the triangle next to snap, from the flyup options select both End and Grid (or click G or E on the keyboard). Click Snap On in the lower Status Strip Bar (or click S on the keyboard). As you move your mouse close to a Grid or End Point the cursor will jump, make a snapping noise and show a pink dot.*

### **New Speed, SPI interface**

Now there is more interactive information on the Status Strip. *To use: While stitching Speed and SPI can be dynamically changed by clicking the + or -. Also you can type directly in the text field. The word 'Speed' will turn purple when it has been changed, to revert click the word 'Speed'.*

### **New Zoom**

New modified Zoom features. *To use: Use the mouse scroll wheel to get the grid to the size you desire, it may be good to hold a ruler to the screen to help with this sizing. Next click the triangle button next to the 'Zoom' text, select 'Set current Zoom as 100%'. In the same flyout click 'Zoom to 100%' to quickly return to your custom 100%.*

### **New Grid value on status strip**

Now the Grid sizing is easily viewed and changed in the lower Status Strip.

### **New XY position on status strip**

In the upper left corner of the Quilt Group is a continually updated with X & Y locations.

### **New moveable and collapsible Keypad**

*To use: Click, hold and drag the keypad to your desired location. Clicking the down arrow will collapse the keypad to the Status Strip.*

### **New Anytime Chanel Lock**

Now that you will be able to draw a Line outside of the P2P Line, where the Channel Lock resides and now that we are no longer calling that specialized form we added channel lock to the Main form so it can be activated any time CS is idle. This is necessary for the consolidation of Quilt Group tab and Stitcher but it has also been a very common user enhancement request. *To use: In the lower right corner change the angle and click the 'C-Lock' icon.*

#### **New items were moved to the top menu bar**

Now almost every Quilt Group tab menu item is available in the menu bar.

#### **New items were moved to the toolbar bar**

Now almost every tool strip item including those previously only available in the right click menu are now available in the toolbar.

#### **New Print function**

Now you can print your current Quilt Group setup. *To use: Zoom your Quilt Group tab screen so the area you want so it is taking up the entire view. Then click the print icon, you will see a preview before you print.*

#### **New Copy, Cut, and Paste Function**

Allow copying patterns between Quilt Groups, between Projects, and even after restarting CS. *To use: Select a pattern in the Quilt Group, then in the menu strip select the Copy icon to retain the original or select the Cut icon to delete the original pattern. Clicking the Paste icon will make the pattern free float with your cursor, every click will place a pattern. Also available under the 'Edit' menu item, the Quilt Group right click a pattern menu, and the keyboard shortcuts of Ctrl+C, Ctrl+X and Ctrl+P.*

#### **New Rubberstamp**

Now rubber stamp is more dynamic, repetitive and controllable. *To use: right click your desired pattern then click 'Rubber Stamp' or select the Rubber Stamp toolbar icon. The pattern now becomes attached to your cursor; every click will place a pattern.*

#### **New user settable Menu strip**

Now the Menu strip icons can be completely customized. *To use: Right click the Menu or Tool strip,, Pick 'Customize Menu', the order can be changed by dragging icons up or down, or by dragging from the left unused icons to the right used icons. There is an up down click icon to more conveniently move icons up and down. There are many preset options like CS6 and CS7 layouts. There also a 'Save Layout' that lets you save custom menu layouts.*

#### **New user settable Tool strip**

Now the Tool strip icons can be completely customized. *To use: Right click the Menu or Tool strip, Pick 'Customize Toolbar', the order can be changed by dragging icons up or down, or by dragging from the left unused icons to the right used icons. There is an up down click icon to more conveniently move icons up and down. There are many preset options like CS6 and CS7 layouts. There also a 'Save Layout' that lets you save custom toolbar layouts.*

### **New Text Setup form**

Now Block text or new Cursive text have a common setup. Also Text Setup no longer uses the Standard Windows font dialog, all changes can be done in one place. *To use: Click the Text icon or in the right click menu pick 'Draw Text'. The top indicates how the text will be placed, either at a clicked point, along a pattern or in a boundary. Next in the 'Enter Text' field type your text. Now customize your 'Font Parameters'.*

### **New Echo Setup form**

Echo is now dynamically changeable. You can change the count, the spacing, the pattern selected or echo inside or outside. Echo can now also be done on trims and boundaries. *To use: Select the 'Echo Object' icon, then select any Quilt Group object, if you picked the wrong one that is ok just click a different object and the echo will automatically move to your selected object. Next 'Set Parameters' of Spacing and your desired 'Number' of echoes. You can also change the echoes from the default of 'Outside' to 'Inside', but note that the center of an inside echo is determined by where you click with your mouse.*

### **New Circular Array Setup form**

In Circular Array the center can now be dragged, the count or degrees can be changed, and the patterns can be connected to sew continuously. *To use: Place a pattern on the Quilt Group tab, click the 'Circular Array' icon, and next change the 'Count' or the 'Degrees'. If possible the patterns will attempt to arrange themselves to sew continuously. Uncheck 'Connect' if you don't want the patterns to connect. Drag the blue center icon to change the center of the Circular Array; this is most dynamic if 'Connect' is unchecked.*

### **New all setups are dynamic**

Any change in the setup fields takes immediate effect on the Quilt Group tab screen. The dynamic patterns are drawn dashed Black and Yellow.

### **New Dynamic Pattern setup update**

While in setup mode a pattern change in the Project tab will dynamically change the pattern drawn on the Quilt Group tab screen.

### **New images to help Border Corner and Edge to Edge setup**

Added images to Border Corner and Edge to Edge setups, shows a moving star for the corner to click, ex: Upper Left Outer Corner, etc...

### **New "OK", "AGAIN", "CANCEL" at the top and bottom of all Setups**

Now setups can be confirmed by clicking "OK", a good setup can be repeated by clicking "AGAIN", a botched setup can be quit and all changes on the Quilt Group tab will go away by clicking "CANCEL".

### **New selected Boundary color is now dashed blue**

Now boundaries are more easily distinguishable from patterns.

**New selected Trim color is now dash dot gold**

Now Trims are easier to distinguish.

**New Fill auto toggles patterns unsewn**

Now as needed the pattern being filled will be auto toggled unsewn.

**New drop down to control Auto View All**

Now auto zoom can be turned off. *To use: Under the toolstrip 'View All' icon if "Auto View All" is unchecked then CS will not change the view even if the drawing goes off the screen. This is most useful for pattern designing where it is desirable to keep the view stationary.*

**New toolstrip**

Now the toolstrip is taller and contains many more items and new custom designed icons.

**New showing Red key in SAM mode Help About**

Now if the red key is inserted and the Stitcher is off or not present the Red Key shows.

**New Apply works on patterns with No Sew jumps**

Now patterns that contain a no sew jump work in Apply Patterns

**New Polyline to Arc conversion feature**

As much as possible changes a polyline to arcs. If you look at the pattern with the Nodes feature before and after you can observe the effect. *To use: Right click the desired pattern, pick 'Convert', and then 'Points to Arc'.*

**New Alt Arrow click is a 10x finer move**

Now the keyboard movement of patterns is 10 times finer. *To use: Pick a pattern, hold the "Alt" key down then use the four arrow keys and watch the pattern move. To move more coarsely hold 'Ctrl' instead.*

**New Pattern and Boundary default line now thicker**

Now the default line is thicker by default. *To use: Right click the open Quilt Group tab and pick 'Image Attributes'.*

**New Add Quilt Group in tabs**

Now adding quilt group tabs is in a more intuitive location. *To use: Click the tab with the 'Green Plus' icon, a Quilt Group will be automatically named and added.*

**New Delete Quilt Group at top of tab**

Now when you click a Quilt Group a red X will show in the upper right corner of the tab. *To use: Click a Quilt Group tab, click the red X, and confirm your desire to delete the tab.*

### **New Rename Quilt Group in tab**

Now a Quilt Group can be renamed in the tab itself. *To use: Double click the tab and a blue edit box will show, change the name as desired click enter when done*

### **New Main Form is now resizable**

*To use: Click the Restore Down button in the upper right corner, then move the mouse over any corner, when the cursor changes to a diagonal arrow hold the left mouse button down, now move the mouse till CreativeStudio is your desired size.*

### **New click "i" to get to pattern information**

Now pattern information is stored right next to the pattern. *To use: Click the any pattern, pick the "i" icon in the pattern's lower left corner. A new form will come up with all the pattern's properties. The properties are changeable as desired.*

### **New click 'x' to delete pattern**

*To use: Click the pattern you wish to delete, now click the X icon located in the patterns upper right corner.*

### **New Freehand Draw started with left click, stopped right click**

Now freehand draw is available from the Head or the Mouse, whichever starts the operation is in control you can't move back and forth like the other Draw functions.

### **New dynamic Quilt Group tab Measure feature**

Measure anything with the Stitcher or the mouse. *To use: click the Measure Tape icon then click points on your Quilt Group tab screen. Note the new pink line and the dynamic numeric readout in the lower right corner.*

### **New all messages show in the bottom left corner of CS**

Now all messages show in a consistent lower left location.

### **New toggling icons**

Now when your mouse passes over a toolstrip or menu icon it's state changes. Icons that have an on and off state will change images to indicate they are on or off. From the Stitcher clicking the 'Mode' button will cause a much large icon

### **New show crosshair all the time except when user holds "c"**

Crosshair shows all the time when connected to the Stitcher. *To use: click "C" to turn temporarily off the crosshair.*

### **New Orient Baseline drop down item**

When checked pattern go into the boundary at the angle of the first two clicks. When unchecked patterns go in to boundary at a zero based angle. *To use: Click the Drop down next to the 'Pattern to Boundary' icon, then check or uncheck 'Orient Baseline' as desired.*

### **New pattern extension type GQP**

To replace the CSQ. *To use: Right click a pattern pick "Save Pattern" set to go to Database, Project and or file. Set the pattern name and the author. If the original pattern was encrypted then the pattern extension is GQPX.*

### **New Installer is no longer a Zip file**

Now CreativeStudio installer is an EXE.

## **Improvements:**

### **New Advanced diagnostics**

*To use: Click Tools, Technical Support, Advanced Diagnostics. Information here is primarily useful to our support team.*

### **New reversed the color of Diagnostic button presses to match Advanced Diagnostics**

Now the button status color matches the Advanced Diagnostic and other Support tools.

### **Fixed Magnet window test**

Part of the Technical Support, Test System.

### **Fixed errant duplicate p2p point message**

No longer gives duplicate point message.

### **Improved Anchor placement accuracy**

In the last version anchors were not exactly on the pattern perimeter that is now fixed.

### **Added Long Run message, progress bar and Escape to Order Join**

It was not too often that Order Join would take a long time, but if some reason it did now it can be stopped.

### **Fixed Mirror rotation properties angle**

Pattern properties are now correct with the mirrored angle.

**Fixed Designer SPI and SPEED to work in Needle Off mode**

Fixes Known Issues 6.1 & 6.2

**Fixed issue with false Antivirus positive**

Some antivirus and IE falsely labeled a third party file as a potential threat, that third party file has been updated and replaced.

**Added warning messages to CS log**

To help support the log now includes the Warning text and the # of the warning.

**Fixed issue with small Apply patterns**

Now very small patterns can be applied.

**Improved wait cursor**

The wait cursor is more consistent.

**Clicking out of boundary or trim will now deselect**

Previously it was not possible to deselect a Boundary or a Trim.