For MTC Users Learning SCAL5: Finding Equivalent Functions

MTC Term	SCAL Equivalent	Where to Find in SCAL	Comments
Add Basic Shapes (on node panel) : also refer to Import Basic Shapes	Rectangle	Tool Panel	Holding down icon will bring up other shapes to choose
Align	Alignment	Object menu	
Auto Simplify Path	Simplify	Path menu	
Auto Simplify Paths	Automatically Simplify Paths	Edit>Preferences	
Bezier Warp	no equivalent		
Blackout	Blackout	Style Panel	
Boolean Join: A-B Difference	Front minus back	Path menu	
Boolean Join: B-A Difference	Back minus Front	Path menu	
Boolean Join: Intersect	Intersection	Path menu	
Boolean Join: Exclude	Exclude	Path menu	
Boolean Join: Union	Union	Path menu	
Break	Break Apart	Object menu	
Conical Warp	Wrapper	Effects menu	
Create Spirals	Rectangle	Tool Panel	Holding down icon will bring up other shapes to choose
Create Stars	Rectangle	Tool Panel	Holding down icon will bring up other shapes to choose
Draw Bezier Curves	Draw	Tool Panel	
Draw Freehand Lines	Freehand	Tool Panel	
Duplicate	Duplicate	Object menu	
Edit Paths at Node Level	Shape Tool	Tool Panel	
Erase sections of paths	Eraser or Stencil Bridge	Tool Panel	

Fat Path	Brush Tool	Tool Panel	Fewer options in SCAL's version
Flatten Paths	no equivalent		
Flip	Flip Vertical	Position and Size Panel	
Fuse n Weld	Close Path or Join Path		
Import Basic Shapes	Library	Shapes tab	
Import TTF/OTF/OPF	Load Font File	Text menu	
Join	Merge	Object menu	
Join + Break to die cut shape from raster	Clip Path	Object menu	
Lattice	Lattice	Effects menu	
Measure shape lengths	Ruler	Tool Panel	
Mirror	Flip Horizontal	Position and Size Panel	
Nested Duplicate	Shadow Layer	Effects menu	
Nodes on Mat	no equivalent		With a shape selected, click on Shape Tool or use Preview
Pixel Trace	Trace or Trace Image	Icon at top or File menu	
Project Notes	Project Info	Window menu	
Reverse Paths	Reverse Path	Path menu	
Rhinestone	Rhinestones	Effects menu	
Rotate 90 degrees	Rotate	Position and Size Panel	
Rotated Duplicate	Duplicate Rotated	Object menu	
Shadow Layer	Shadow Layer	Effects menu	Also a temporary Shadow can be selected on Style Panel
Slice shapes and lines	Knife	Tool Panel	
Smooth & Simplfy	no equivalent		
Space	Distribute	Object menu	

Split	Ungroup	Object menu	Not quite equivalent since MTC doesn't have grouping. But to separate text into letters, use
Texture Snapshot	no equivalent		Can be done manually by exporting as a raster and re-importing
Thin Paths	no equivalent		There is a Single Line Threshold option to convert to single lines when tracing a raster
Tiler	Tiling	Effects menu	Only available in SCAL Pro
View Path Detail	Path Details	Rt click, Path>Path details	
Warp	Distort	Tool Panel	
Weld	Union	Path menu	Also a temporary Weld setting on Style Panel can be used
Wrap Objects to Path	Object on Path	Effects menu	

Functions in SCAL4 with No Direct Equivalent in MTC

MTC Term	**SCAL Function**	**Where to Find in SCAL**	**Comments**
no equivalent	3D Extrude	Effects menu	SCAL4 Pro only
no equivalent	3D Rotate	Effects menu	
no equivalent	Align to Page	Object menu	align selected shapes to the edge of the cutting mat
no equivalent	Auto Fit	Object>Transform	resize the selected shape(s) to fit the cutting mat
no equivalent	Barrel Distortion	Effects menu	
no equivalent	Bulge	Effects menu	
no equivalent	Canned	Effects menu	
no equivalent	Crop	Tool Panel	drag mouse to crop the portion of a shape to keep
no equivalent	Distribute to Page	Object menu	evenly distribute selected shapes on the cutting mat
no equivalent	Dropper	Tool Panel	change the color/pattern fill/gradient of a shape to match another shape
no equivalent	Font Preview	Text menu	used to preview select text in all installed fonts
no equivalent	Knock Out	Effects menu	

MTC Term	SCAL5 Function	Where to Find in SCAL5	Comments
no equivalent	Line Fill	Effects menu	
no equivalent	Marquee-Zoom	Tool Panel	drag mouse to form the boundaries for the zoom
no equivalent	Paste (AutoFill)	Edit menu	fill the cutting mat with the select shape(s)
no equivalent	Pierce	Effects menu	
no equivalent	Selection	Tool Panel (2nd icon)	drag the mouse around whatever shapes you want to be selected
no equivalent	Title Crawl	Effects menu	
no equivalent	Wave	Effects menu	
no equivalent	Weeding	Effects menu	SCAL4 Pro only: add external and internal weeding cuts

New Functions in SCAL5 with No Direct Equivalent in MTC

MTC Term	SCAL5 Function	Where to Find in SCAL5	Comments
no equivalent	Bridge Warp	Effects>Bridge Warp	Rounds text and other shapes in a method popular with those designing school
no equivalent	Convert stroke to a shape	Path>Stroke to Path	Converts a stroke setting (from Stroke & Fill Panel) to an actual closed shape.
no equivalent	Custom color for Cutting Mat	Document Panel	Customize color of mat's background on each page of project
no equivalent	Custom guidelines	Document Panel	Custom horizontal and vertical guidelines: drag out from the rulers or enter specific locations
no equivalent	Custom Mat Templates	Document Panel	Custom background templates can be added to Cutting Mat as a designing aid.
no equivalent	Cut Order control (Pro only)	Cut Settings window	Ability to set cut order based on Layers Panel position or distance from origin. Also has a minimize roller option with threshold setting.
no equivalent	Cut Setting by Layer (Pro only)	Style Panel	Ability to select a Preset of cut settings for each layer
no equivalent	Drop Shadow	Effects>Drop Shadow	Creates a customizable 3D shadow on a selected shape
no equivalent	Enhanced scaling function	Object>Transform>Scale	Ability to scale shapes on all pages and also to scale without moving the shape (relative to upper left corner location)
no equivalent	Equal text height option	Text Panel	Sizing option on Text panel to force all letters to be equal height

no equivalent	High Pass Filter setting added to Trace Image	Trace Image: Image Settings	High Pass Filter setting to improve the tracing of some images.
no equivalent	Import of embroidery file formats	File>Import	9 additonal file types supported (DST, EXP, HUS, JEF, PEC, PES, SEW, VIP, XXX)
no equivalent	Mask function added to Trace Image	Trace Image: Output	Mask function added in new Edit Mode menu: allows one to erase portions of an image to exclude from tracing or include parts that might otherwise not be traced. The is accomplished by dragging the mouse over the image.
no equivalent	Nest function	Effects>Nest	Allows user to economize use of material by moving shapes to fit more closely together.
no equivalent	QR Code	Effects>QR Code	Creates a QR code based on optional data entered by user.
no equivalent	Symmetrical Mirror	Effects>Symmetrical Mirror	Symmetrical Mirror duplicates selected shapes and creates a mirror image.