#### **Quick Transactional Pro Tutorial**

This tutorial will guide you through the steps to draw a simple map, perform common calculations, and plot charts using the Quick Transactional Pro stencil.



#### Viewing/printing eVSM Tutorial:

This tutorial is designed for two page layout. If printing, you will need double-sided print.

For on-screen viewing, save the PDF file to your PC and then open it in Acrobat Reader (not in a web browser). In the Acrobat menus, click "View>Page Display", make sure "Show Cover Page in Two Page View" is checked and then select "Two Page View".

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#### Step 1: Start eVSM



#### Step 2: Learn eVSM Basics





#### Step 3: Initiate the map for Quick Transactional Pro





## Step 4: Draw the flow





# Step 5: Draw the flow





## Step 6: Sequence Arrows



Min

Wk

Unit

Day

Unit

Day

Min

Wk

Unit

Day

Unit

Day

Sequence arrows are needed for upstream and downstream calculations. To add them, hold down the SHIFT key and select the green shapes in the order shown here.



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3

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You can draw sequence arrows between small groups of shapes. You do not have to do the whole set in one go.



## Step 7: Sequence Arrows part 2





### Step 8: Sequence Arrows part 3





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#### Step 9: Sequence Arrows part 4







## Step 10:Sequence Arrow add-ons





## Step 11: Add-on variables





#### Step 12: Perform calculations

![](_page_23_Figure_1.jpeg)

![](_page_24_Figure_0.jpeg)

## Step 13: Route Markers

![](_page_25_Figure_1.jpeg)

![](_page_26_Figure_0.jpeg)

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# Step 14: Route Table

![](_page_27_Figure_1.jpeg)

![](_page_28_Figure_0.jpeg)

![](_page_28_Figure_1.jpeg)

#### **Transactional Pro Route Table**

![](_page_29_Figure_1.jpeg)

Route	Route Name	Route Traversals	Route %	Cumulative Route %	Lead Time (longest)	Total Wait	Total PT	PT Percent	Period Cost	Cumulative Cost %	Termination Name
	Txt	Unit/Day	%	%	Day	Hr	Hr	%	\$/Day	%	Txt
1	Prep Check Approve	500.00	100.00	100.00	1.88	15.00	0.25	1.67	0.00	0.00	Approve
Summary		500.00	100.00	100.00	1.88	15.00	0.25	1.67	0.00	0.00	

Transactional Pro has a customizable Route Table. Right-click the Route Table shape and select "Edit Table" for visibility settings of variables in the table.

Use the "Only show summary data" for quickly plotting summary data only.

Once you have clicked OK, you can rightclick the Route Table shape and click "Plot Table" to plot.

Edit Route Table - Variables								
Visibility	Variable Route Name	Units Txt						
<b>v</b>	Route Traversals	Unit/Day						
$\overline{\mathbf{v}}$	Route %	%						
~	Cumulative Route %	%						
<b>V</b>	Lead Time (longest)	Day						
$\overline{\mathbf{v}}$	Route Lead Times Total	Hr						
	Route Process Times Total	Hr						
•	Route Activity Ratio	%						
•	Period Cost	\$/Day						
<b>V</b>	Cumulative Cost %	%						
<b>v</b>	Termination Name	Txt						
	nly show summary data	Cancel						

Once you have seen the values, and would like to sort the values based on the following variables, right-click the Route Table and select "Sort Table".

![](_page_29_Figure_8.jpeg)

#### **Route Marker**

"Route Markers" are used to specify which center a route passes through, which get merged to create the Route's name. Drag out a Route Marker and glue the Leader Line to a center. Type a unique name to avoid confusion. After adding all markers to the map, you must click the Solve button. Solve

![](_page_30_Figure_2.jpeg)

You can filter the Route Table by showing routes that have a certain Route Percentage, Period Cost, or by specific Route Markers. If you connect Route Markers to Termination Centers, you can filter table summaries for each termination point by selecting the appropriate marker in the form. Use the right-mouse menu option of "Filter Table" for the Route Table.

![](_page_30_Figure_4.jpeg)

Lastly, you can export the entire table to Excel by right-clicking the Route Table and selecting "Export Table".

![](_page_30_Figure_6.jpeg)

## Step 15: Plot Lead Time chart

![](_page_31_Figure_1.jpeg)

![](_page_32_Figure_0.jpeg)

## Step 16: Adding resources

![](_page_33_Figure_1.jpeg)

	Route	Route Name	Route Traversals	Route %	Cumulative Route %	Lead Time (longest)	Total Wait	Total PT	PT Percent	Termination Name
		Txt	Unit/Day	%	%	Day	Hr	Hr	%	Txt
	1	Prep Check App	11.84	59.20	59.20	35.00	360.00	9.92	2.75	Арр
	2	Prep Check Prep Check Ap p	5.12	25.60	84.80	64.00	648.00	19.25	2.97	Арр
	3	Prep Check Deny	2.16	10.80	95.60	35.00	360.00	9.92	2.75	Deny
	4	Prep Check Prep Check De ny	0.88	4.40	100.00	64.00	648.00	19.25	2.97	Deny
	Summary		20.00	100.00	100.00	43.70	446.40	12.72	2.82	

![](_page_34_Figure_1.jpeg)

## Step 17: Resource Balance Chart and Activity Cost Chart

![](_page_35_Figure_1.jpeg)

![](_page_36_Figure_0.jpeg)

#### Step 18: Add Kaizen Starbursts

![](_page_37_Figure_1.jpeg)

![](_page_38_Figure_0.jpeg)

#### Step 19: Plot the Kaizen Impact Matrix

![](_page_39_Figure_1.jpeg)

![](_page_40_Figure_0.jpeg)

#### Step 20: Creating a future state map

![](_page_41_Figure_1.jpeg)

![](_page_42_Figure_0.jpeg)

#### Step 21: Hide/Show - Demand Visualization

![](_page_43_Figure_1.jpeg)

![](_page_44_Figure_0.jpeg)

#### Step 22: Demand Visualization – Line Thickness Gadget

![](_page_45_Figure_1.jpeg)

![](_page_46_Figure_0.jpeg)

#### **Step 23: Managing Gadgets**

![](_page_47_Figure_1.jpeg)

![](_page_48_Figure_0.jpeg)