Quick Healthcare 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".

QMfgLTTutorisLpdf - Adobe Reader	
Ref 12 Participanti de la construcción de la con	Tools Sign Comment
Step 5: Adding Custom Unit Converters	
Copyright & 2016 The eVIDA Group, AI Rights Reserved	Copyright 8 2015 The mIDM Group, AI Rights Reserved

Step 1: Start eVSM



Step 2: Learn eVSM Basics





Step 3: Initiate the map for Quick Transactional Pro





Step 4: Adding a Unit Converter





Step 5: Draw the flow







Step 6: Draw the flow part 2





Step 7: Sequence Arrows



A0120

Phy and	ent	n :
Doe	ctor	
Informatio	n System	IS
PT	10	Min
LT	1.5	Hr
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day



A0150 D J RN Information Systems ΡT 35 Min LT 1 Hr Unit Demand SIM Day Unit Repeat SIM Day Demand







Step 8: Sequence Arrows part 2





Step 9: Sequence Arrows part 3



Physician Exam
and Treatment

A0/

Doe	ctor	
Informatio	n System	s
PT	10	Min
LT	1.5	Hr
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0130 Admit to	o Floor?	
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0150						
Discharge						
	R	N				
	Informatio	n System	S			
	PT	35	Min			
	LT	1	Hr			
D	emand	SIM	Unit Day			
F D	Repeat emand	SIM	Unit Day			







Step 10: Sequence Arrows part 4





Step 11: Sequence Arrow add-ons





Step 12: Add-on variables





Step 13: Perform calculations





Step 14: Route Markers





Step 15: Route Table

Z0010 Quick Transactional Pro Customer Incoming Demand Review Ratient Customer Pts Records 50 Demand Day Doctor Information Systems ΡT 10 Min Qty=8 0.5 Hr LT 15 Wait Min Unit <u>Unit</u> Day Demand 150.0 Demand 90.6 Day Repeat Unit Repeat Unit 0.0 0.0 Demand Day Demand Day 60 Flow % % A0020 40080 A0070 Transport and Prep Triage A003 Patient Fast Track? → Unit Day Unit 150.0 90.6 RN RN Demand Demand Day Repeat Unit Repeat Demand Unit Day Information Systems 0.0 0.0 Information Systems Day Demand PT 15 PT 10 Min Min LT 30 Min LT 15 Min Unit Unit 40 Flow % % Demand 150.0 Demand 90.6 Day Day Repeat Unit Repeat Unit 0.0 0.0 Demand Demand Day Day Stations 2 Stn Fast Discharge A0050 **Treatment in Fast** 0060 Track and Discharge A0040 Fast Ο Route Table Discharge Qty=2 Unit Day 1 Wait 15 Min RN Demand 59.4 <u>Unit</u> Day Drag out the Route Demand % 39.60 Demand 59.4 Information Systems % Repeat Jnit Table shape. 0.0 PT 25 Min Demand Day LT 1 Hr Unit Day Wk Year Pts Demand 59.4 Day Units Repeat Unit 24 5 52 1 0.0 Demand Day Hr Day Wk Unit



Transactional Pro Route Table



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 right-click the Route Table shape and click "Plot Table" to plot.

	Edit Route Table - Va	ariables
Visibility	Variable	Units
	Route Name	Ixt
$\overline{\checkmark}$	Route Traversals	Unit/Day
$\overline{\checkmark}$	Route %	%
V	Cumulative Route %	%
▼	Lead Time (longest)	Day
◄	Route Lead Times Total	Hr
$\overline{\mathbf{v}}$	Route Process Times Total	Hr
V	Route Activity Ratio	%
▼	Period Cost	\$/Day
•	Cumulative Cost %	%
	Termination Name	Txt
□ 0	nly show summary data	Cancel OK

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".



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



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.



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



Step 16: Plot Lead Time Chart







Step 17: Adding Resources









Step 18: Creating Pipe Arrows



	Day	Wk	Year	Pts
Jnits	24	5	52	1
	Hr	Day	Wk	Unit



Step 19: Resource Balance Chart



	Day	Wk	Year	Pts
Jnits	24	5	52	1
	Hr	Day	Wk	Unit

A	0110						A0140				(Di	scharge
	Physicia and Tre	an Exar eatmen	n t	A0120 Admit	to Floor	?	Disc	harge			A0150	Discharge
	Do	ctor		Demand	90.6	Unit Day	F	RN		Dei	mand 72.	0 Unit Day
	Informatio	n Systen	ns	Repeat Demand	0.0	Unit Day	Informatio	on Systen	ns	Dem	nand % 48.0	0 %
	PT	10	Min				PT	35	Min			
	LT	1.5	Hr				LT	1	Hr			
	Demand	90.6	Unit Day				Demand	72.0	Unit Day			
	Repeat Demand	0.0	Unit Day				Repeat Demand	0.0	Unit Day			
							Stations	2	Stn			







A0220	C	2	
	Adr	nin	
Reso Qua	ource ntity	2	RC
Reso Tir	ource ne	8	Hr Day
Reso Ra	ource ate	0	\$ Hr
Effici	ency	100	%