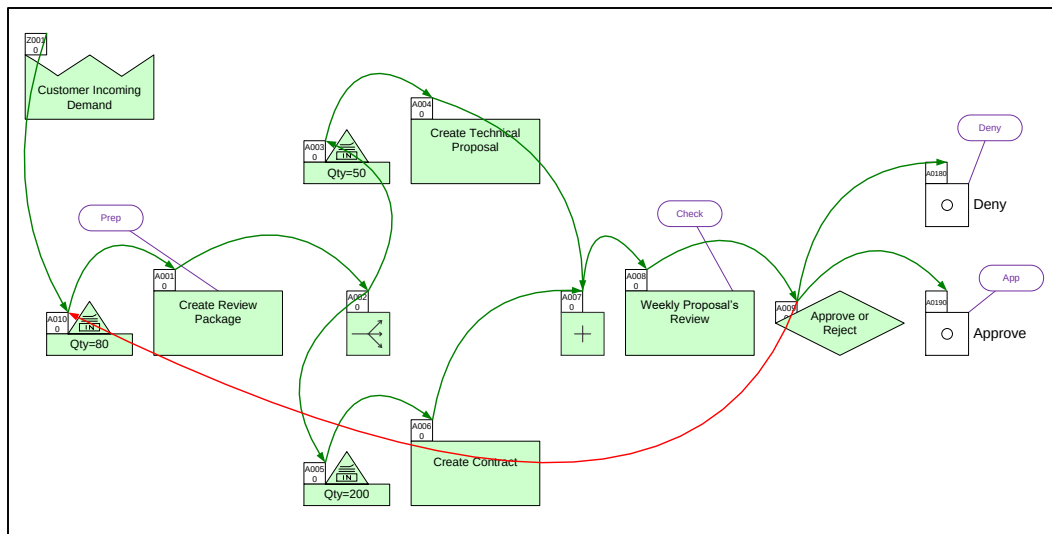


Quick Transactional Pro Tutorial

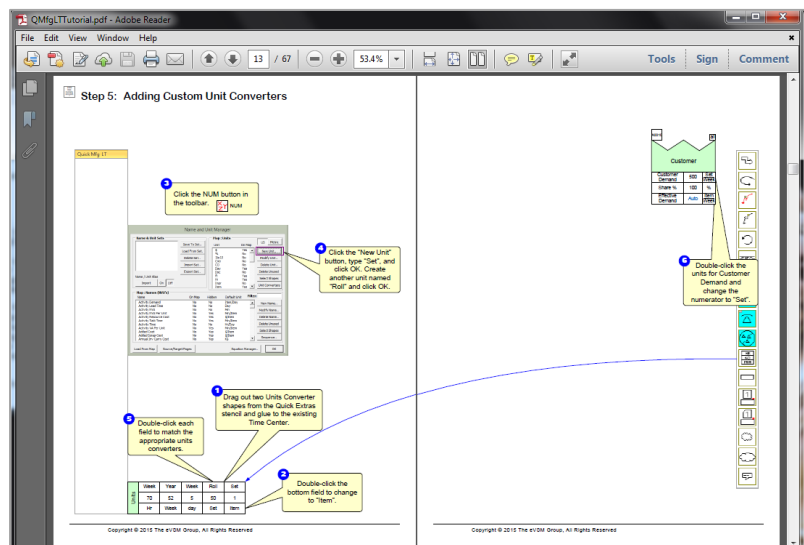
This tutorial will guide you through the steps to draw a simple map, perform common calculations, and plot charts using the Quick Transactional Pro stencil.



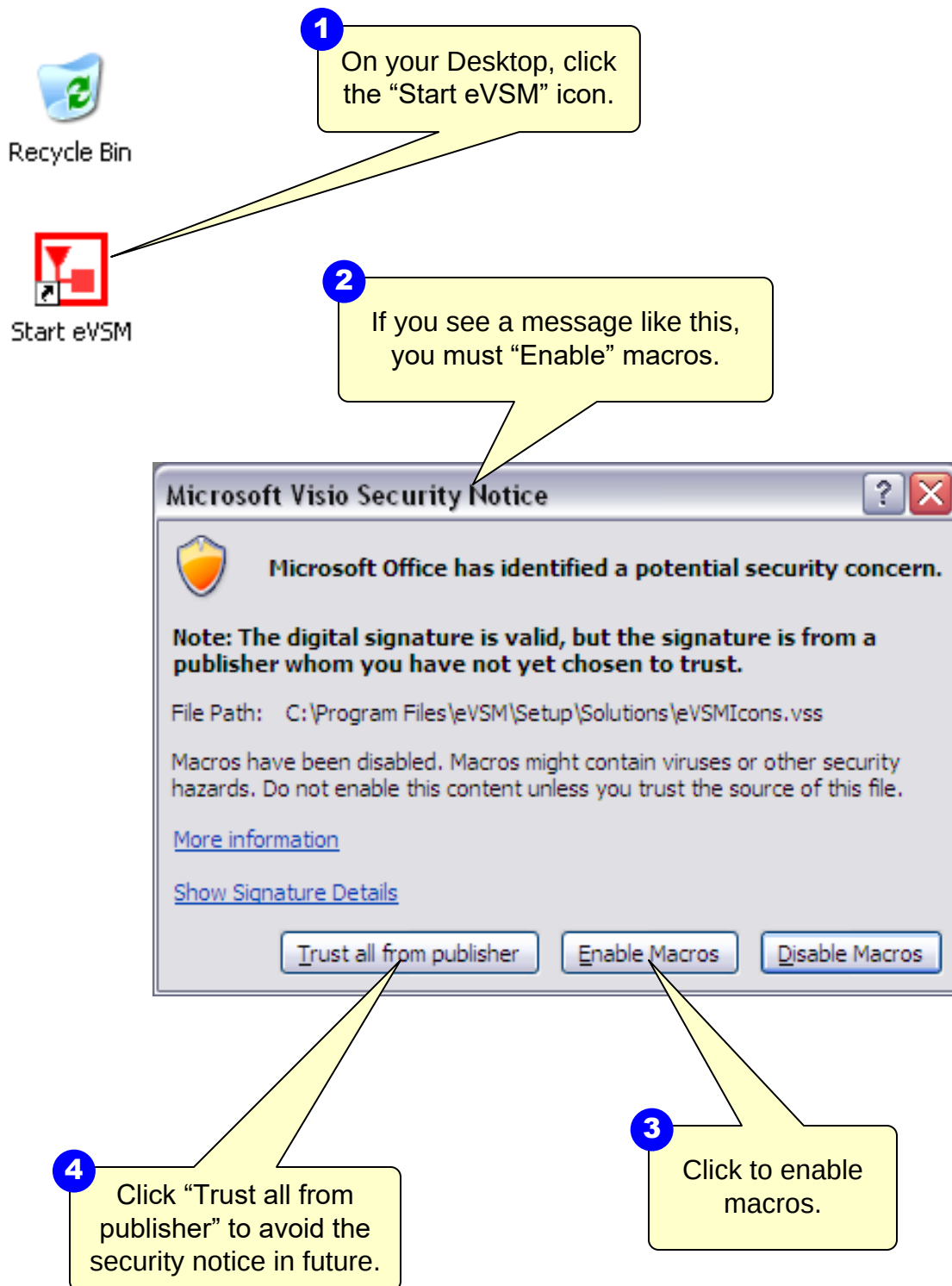
Viewing/printing eVSM Tutorial:

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”.



Step 1: Start eVSM



Step 2: Learn eVSM Basics

6

If the buttons in the toolbar disconnect, Save the drawing, close Visio, and re-open the drawing to continue working.

7

Avoid re-sizing eVSM shapes. Instead grow the drawing page when needed. To resize the page, hold down the "Ctrl" key, and then drag any page edge to the required size. This method works on all four edges of the page.



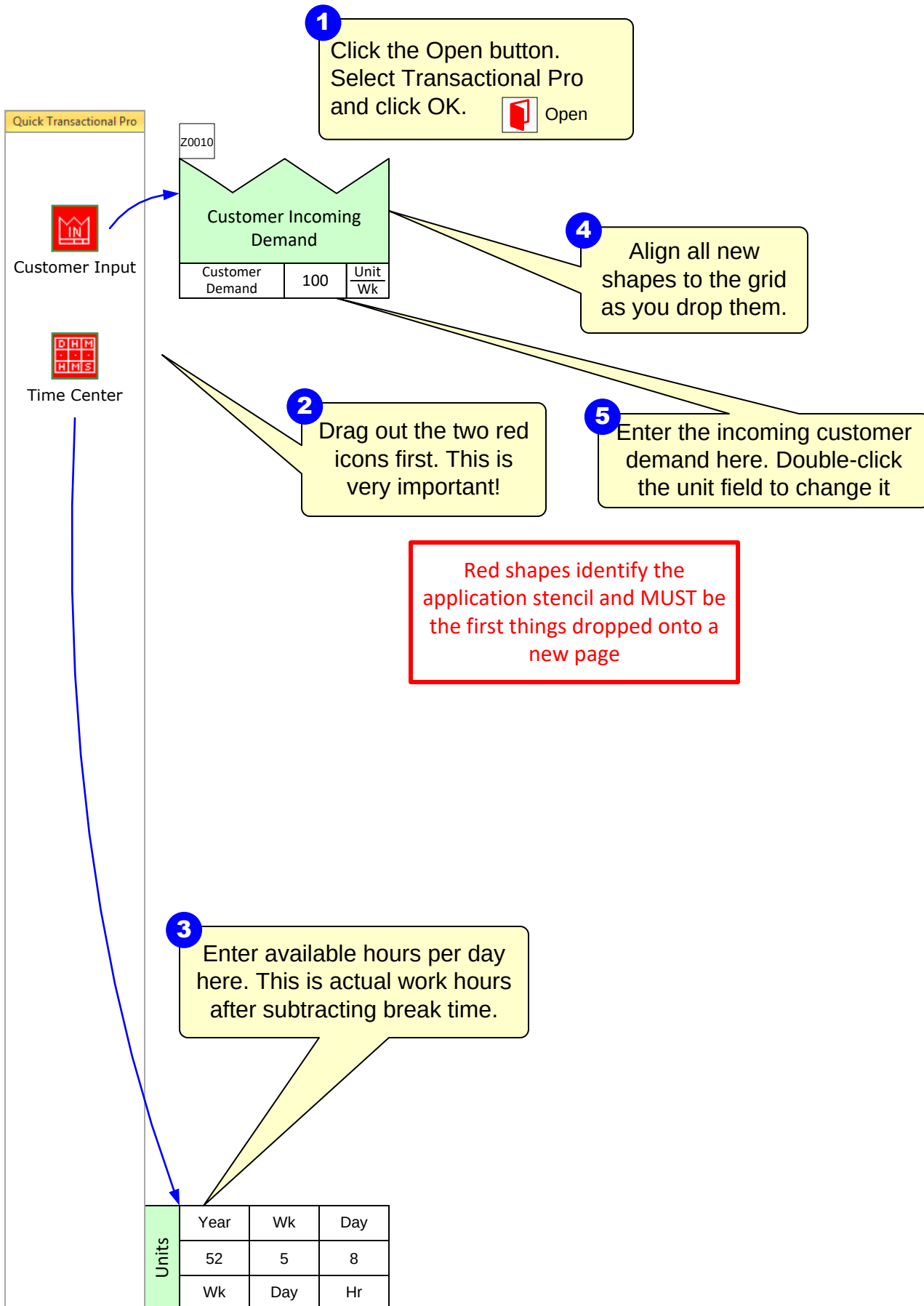
8

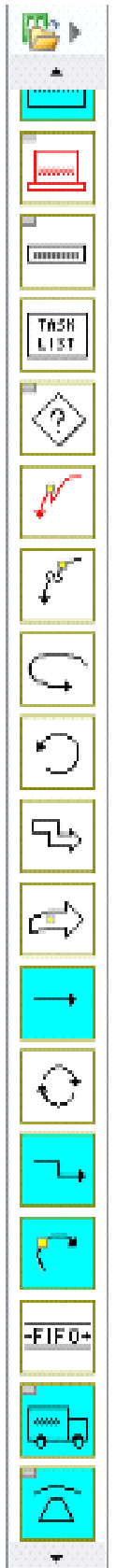
Save your Visio file and then insert a new page via the right-mouse menus on the page-tabs.

VSM

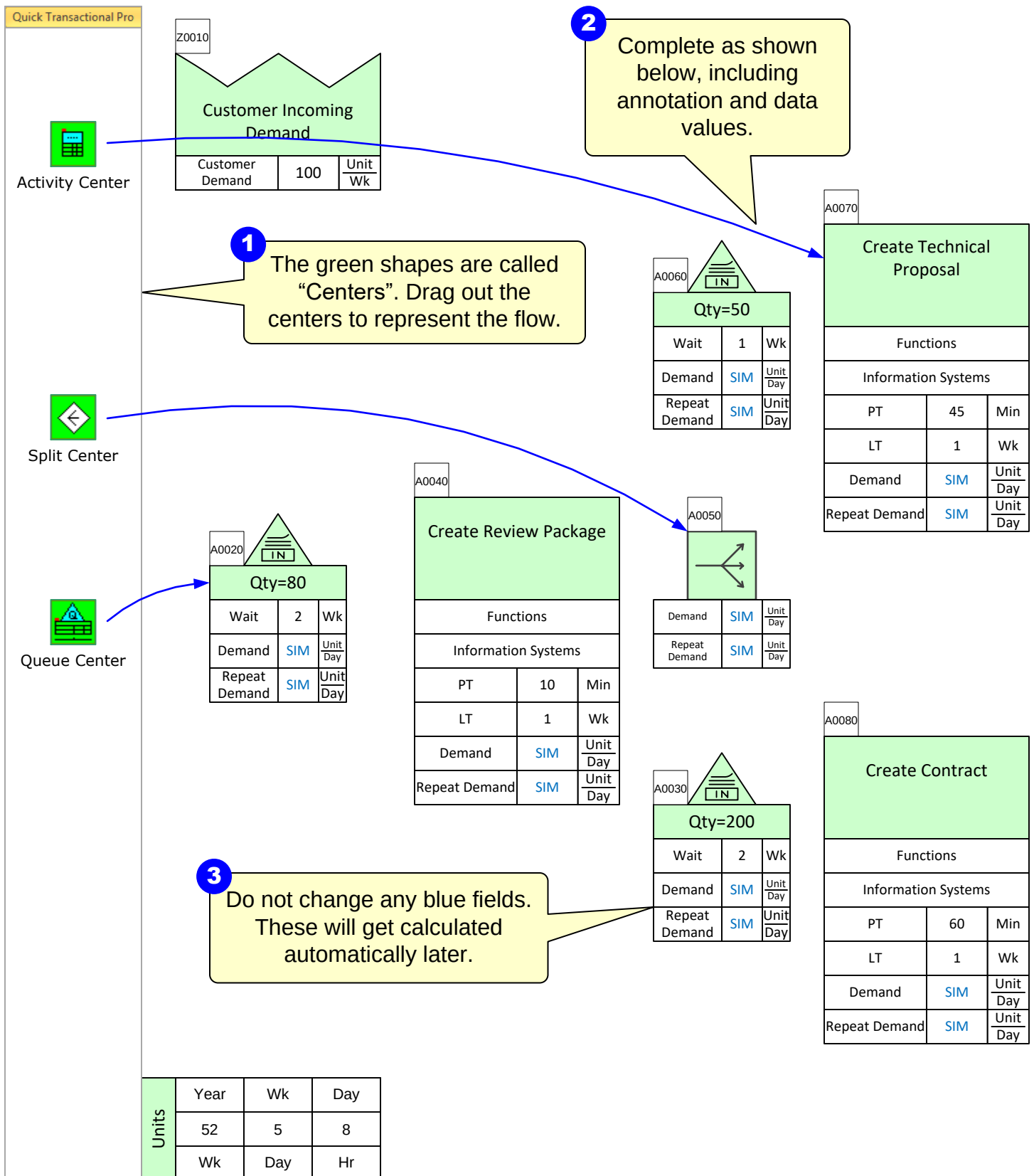
Quick_eVSM

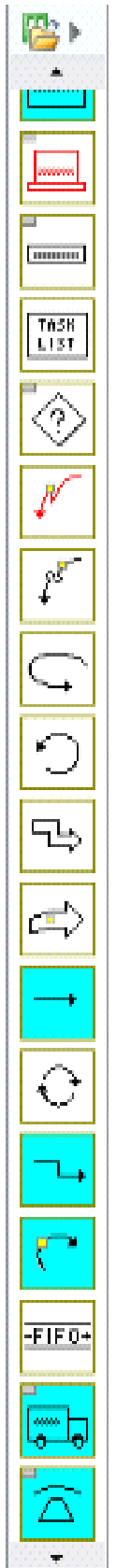
Step 3: Initiate the map for Quick Transactional Pro



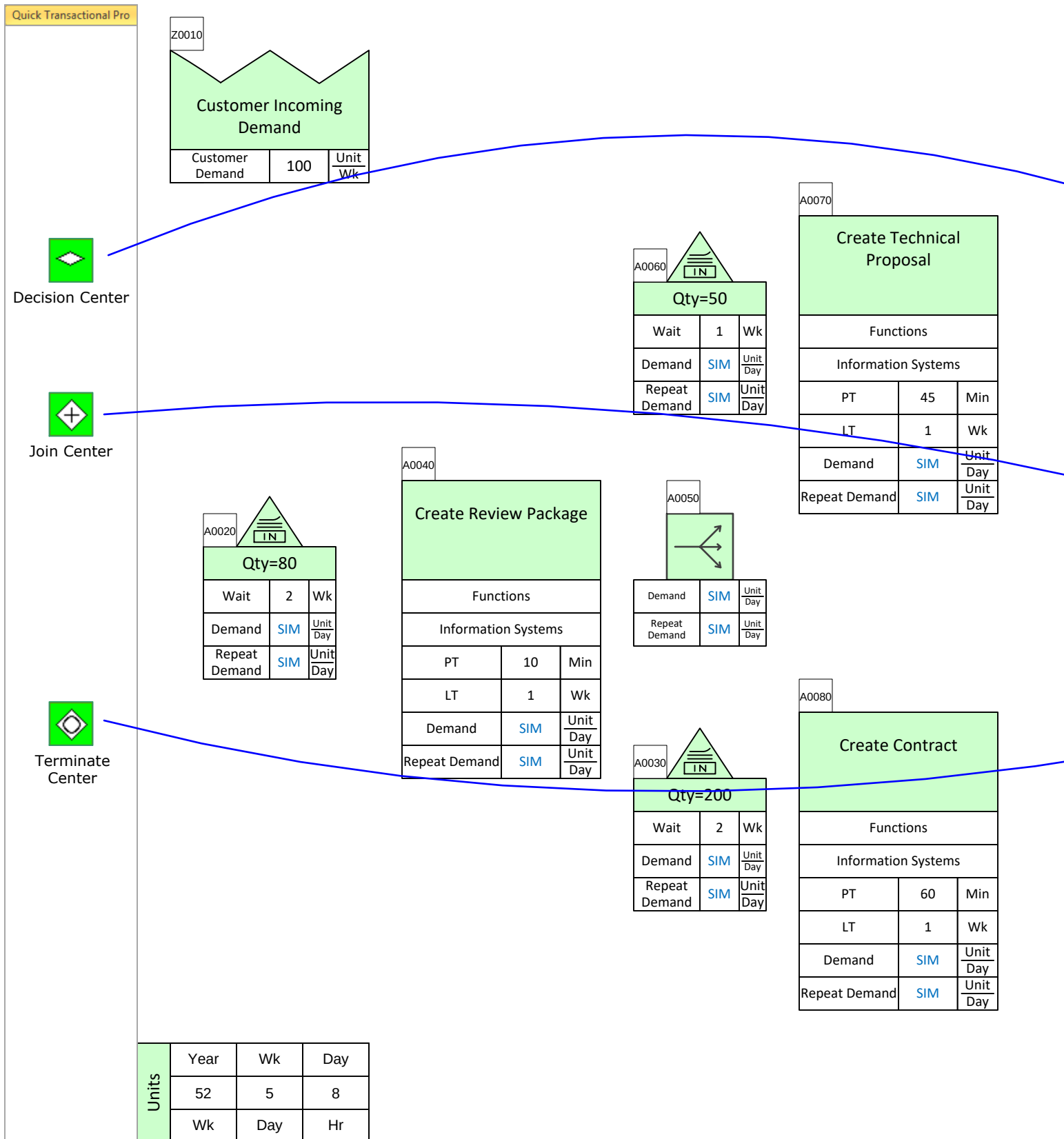


Step 4: Draw the flow





Step 5: Draw the flow



1 Complete as shown below, including annotation and data values.

2 Double-click the Terminate Centers to add text.

A0090

+		
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0100

Weekly Proposal's Review		
Functions		
Information Systems		
PT	1	Day
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0110

Approve or Reject		
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0150

Deny		
Demand	SIM	Unit Day
Demand %	Auto	%

A0170

Approve		
Demand	SIM	Unit Day
Demand %	Auto	%

3 Double-click on the unit to change it into a different one via the form wherever needed

Make sure you use the right units everywhere!

Select Unit

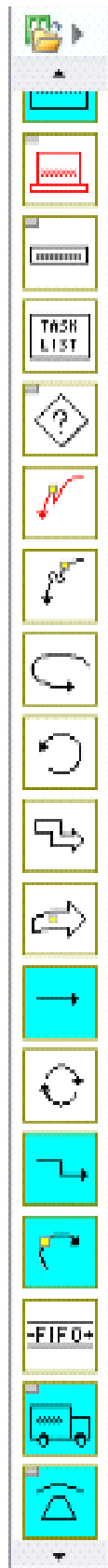
Double-Click to Select Unit

Day
Hr
Min
Sec
Wk
Year

Note: If your desired unit is missing from the list make sure there is a unit converter between the desired unit and a unit in this list

Manage Names and Units..

Cancel OK



Step 6: Sequence Arrows

2

Click the Sequence button to attach sequence arrows.



Sequence

Quick Transactional Pro

Z0010

Customer Learning		
Customer Demand	100	Unit Wk

A0020

Wait		
	2	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0040

Create Package		
Functions		
Information Systems		
PT	10	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0060

Wait		
	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0050

Demand		
	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0030

Qty=200		
Wait		
	2	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0070

Create Technical		
Functions		
Information Systems		
PT	45	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

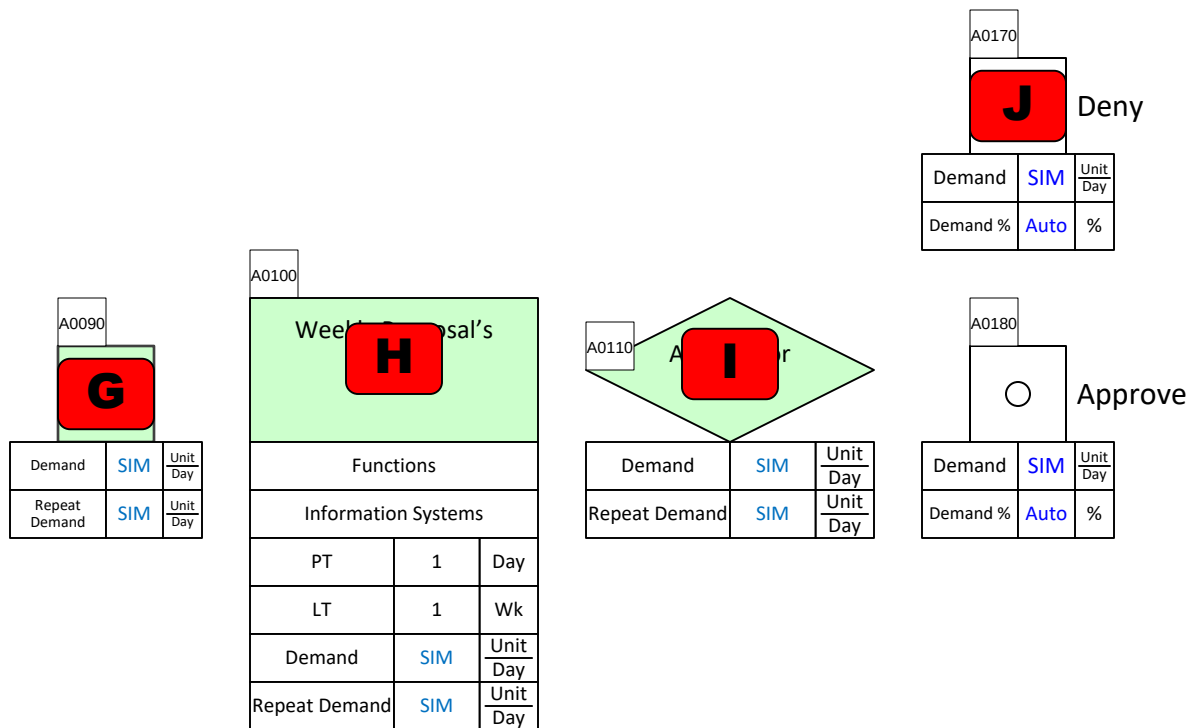
A0080

Create Contract		
Functions		
Information Systems		
PT	60	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr

1

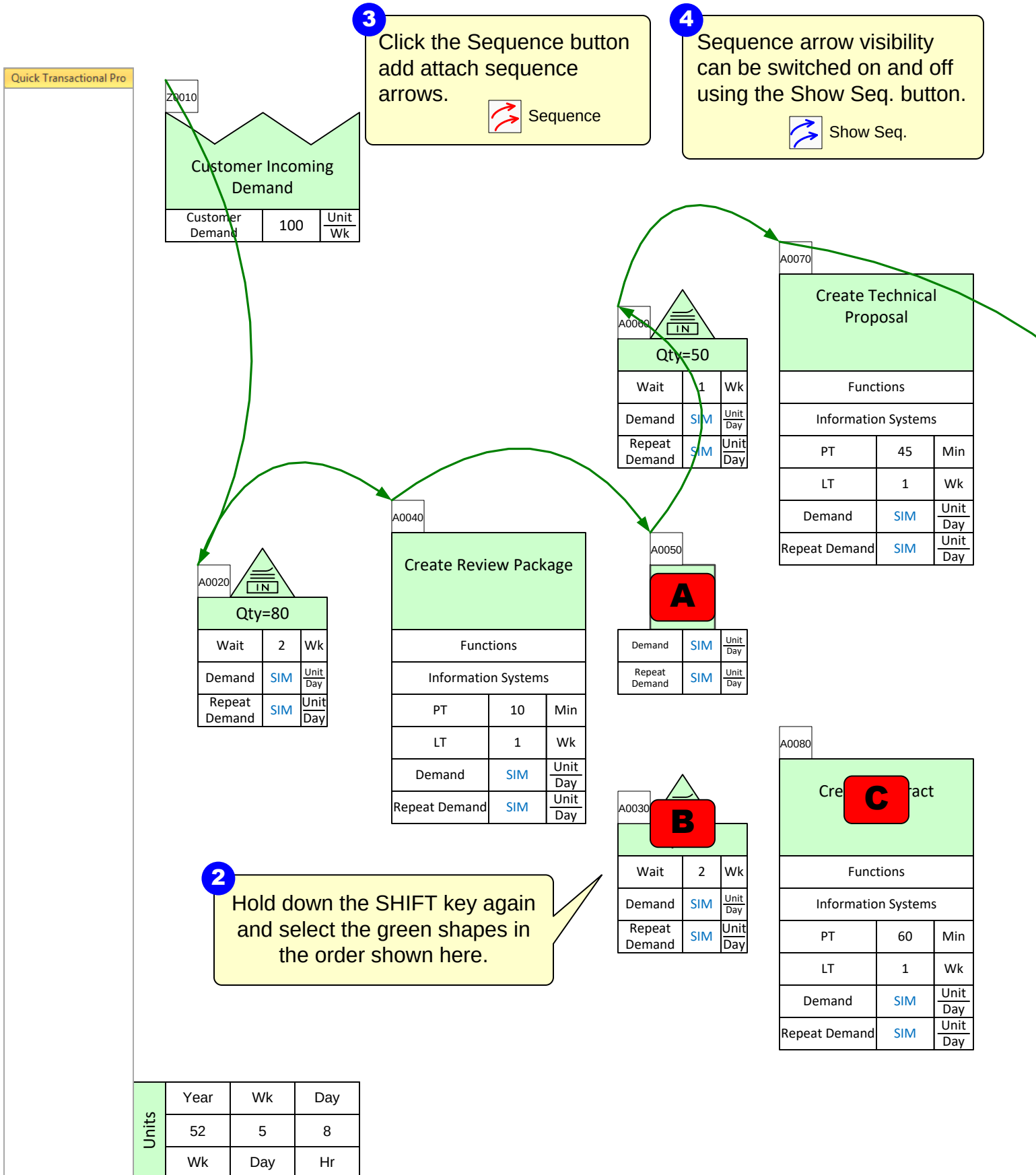
Sequence arrows are needed for upstream and downstream calculations. To add them, hold down the SHIFT key and select the green shapes in the order shown here.



3

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

2

Click the Sequence button
add attach sequence arrows.



Sequence

Quick Transactional Pro

20010		
Customer Incoming Demand		
Customer Demand	100	Unit Wk

A0020		
Qty=80		
Wait	2	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0040		
Create Review Package		
Functions		
Information Systems		
PT	10	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0060		
Qty=50		
Wait	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

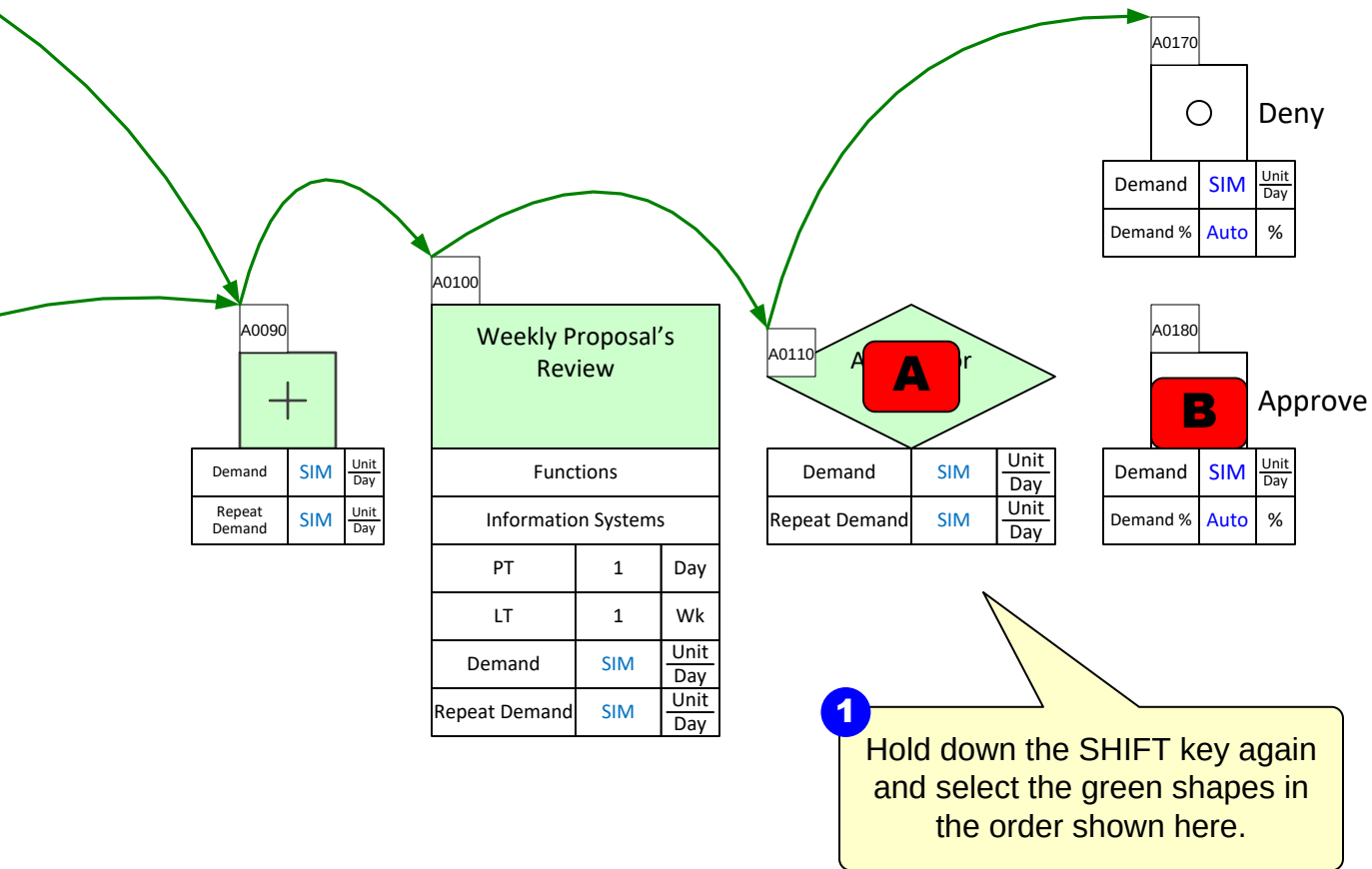
A0050		
Demand		
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0030		
Qty=200		
Wait	2	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0070		
Create Technical Proposal		
Functions		
Information Systems		
PT	45	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0080		
Create Contract		
Functions		
Information Systems		
PT	60	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr



Step 9: Sequence Arrows part 4

2

Click the Sequence button
add attach sequence arrows.



Sequence

Quick Transactional Pro

Z0010		
Customer Incoming Demand		
Customer Demand	100	Unit Wk

A0020		
B		
Wait	2	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0040		
Create Review Package		
Functions		
Information Systems		
PT	10	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0060		
Qty=50		
Wait	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

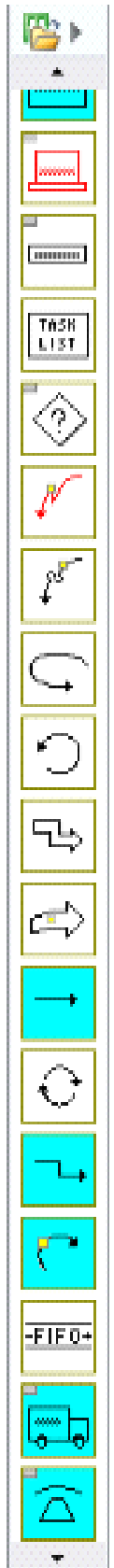
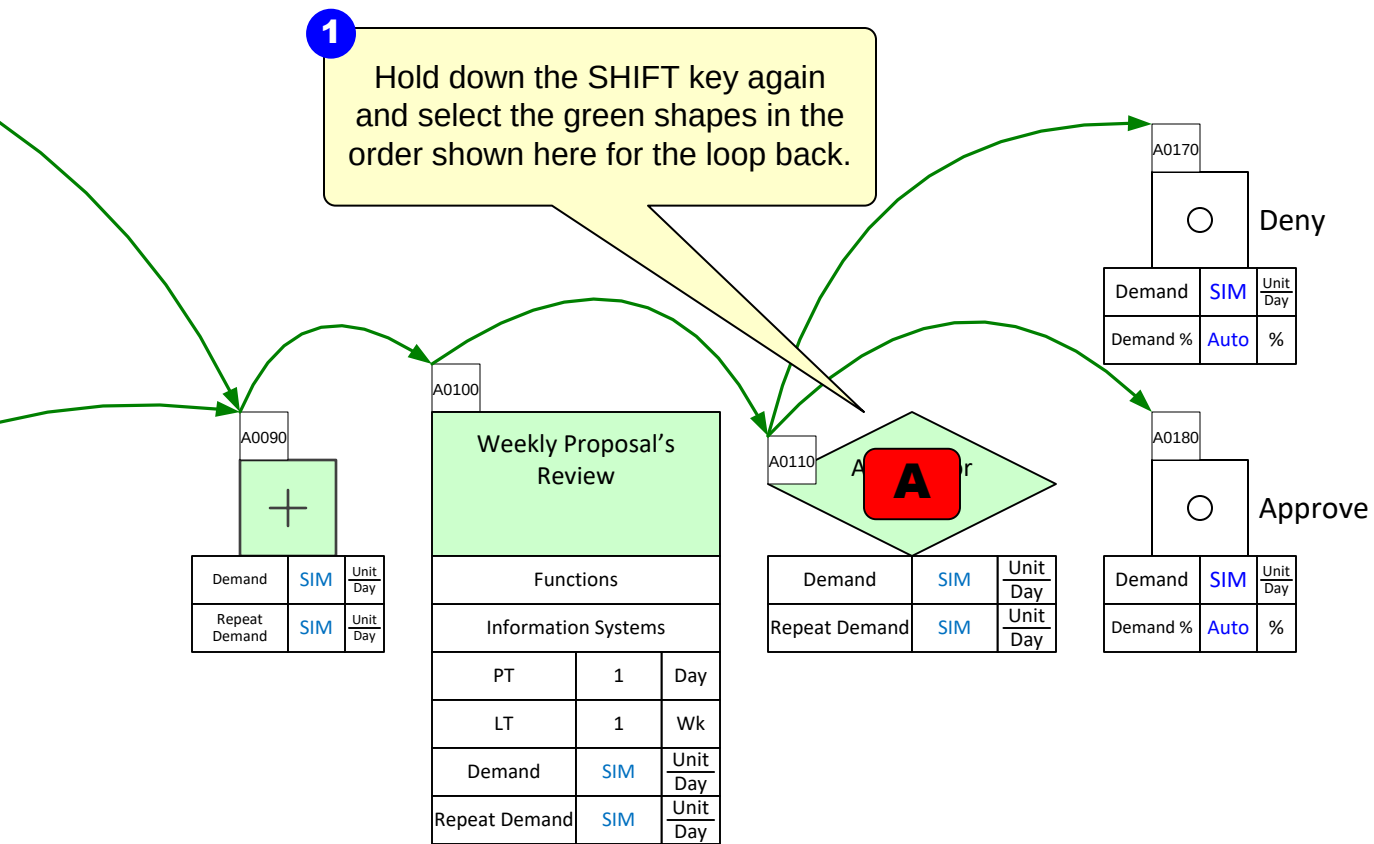
A0050		
[Split Arrow]		
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

A0030		
Qty=200		
Wait	2	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

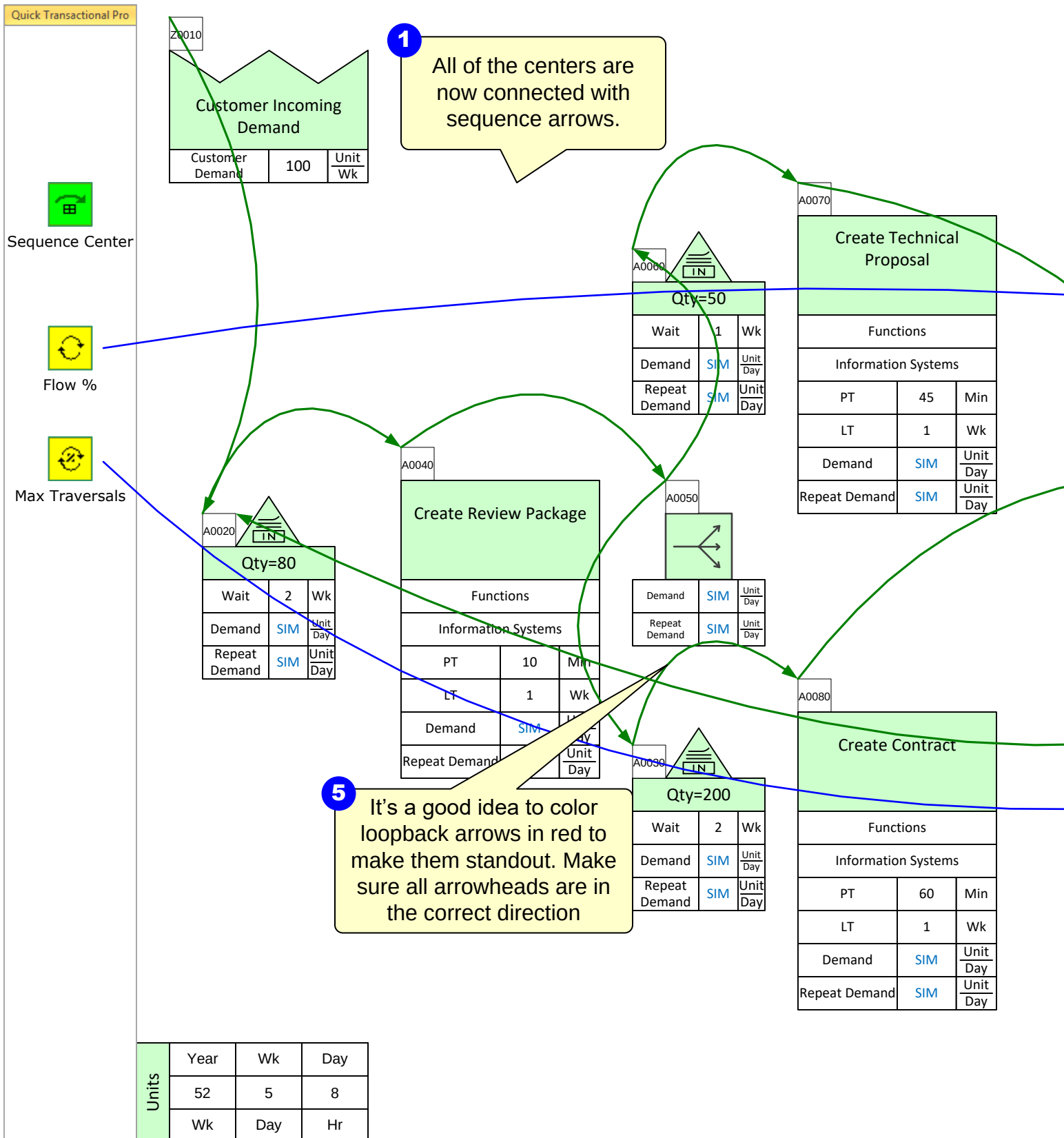
A0070		
Create Technical Proposal		
Functions		
Information Systems		
PT	45	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

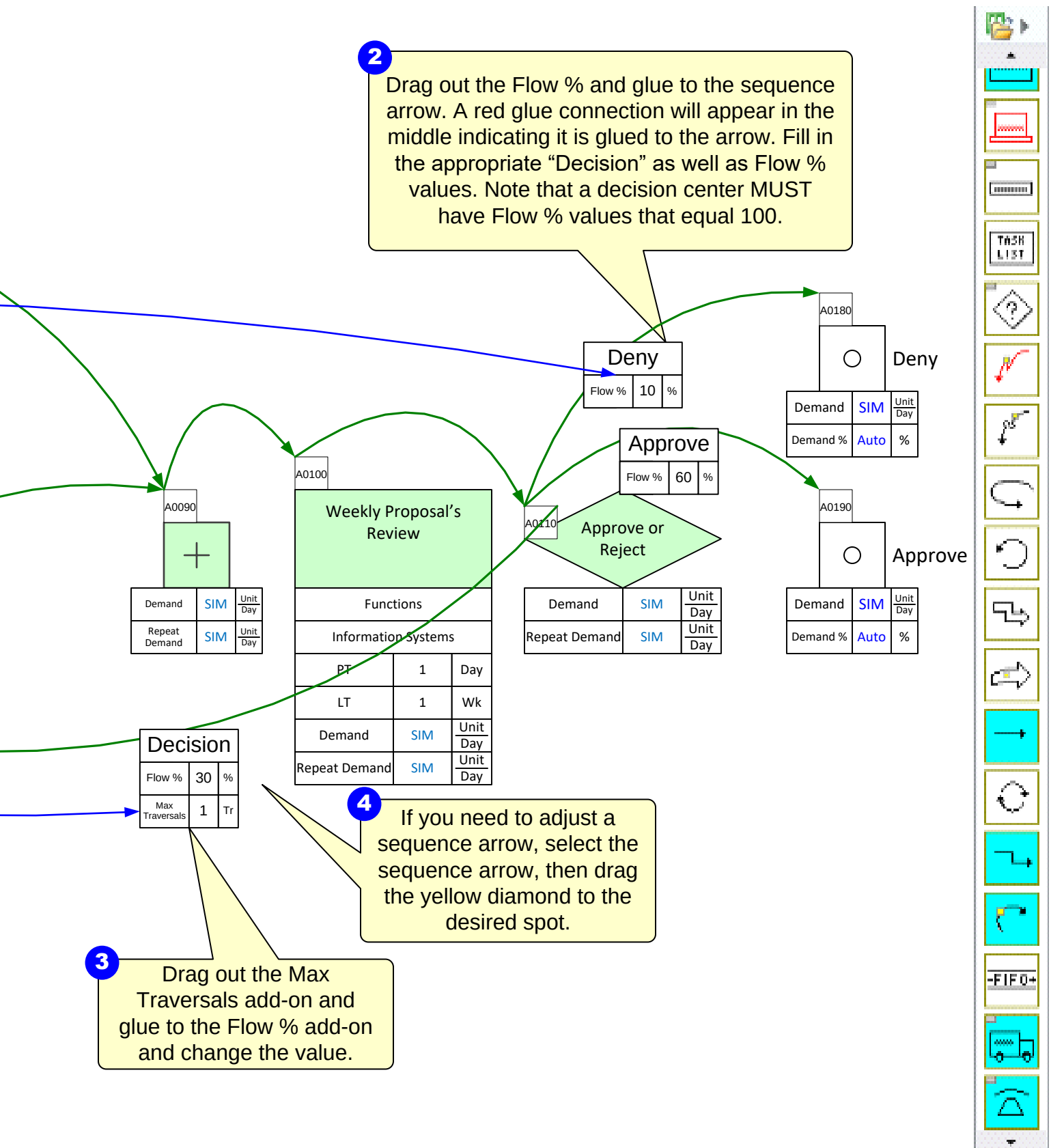
A0080		
Create Contract		
Functions		
Information Systems		
PT	60	Min
LT	1	Wk
Demand	SIM	Unit Day
Repeat Demand	SIM	Unit Day

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr

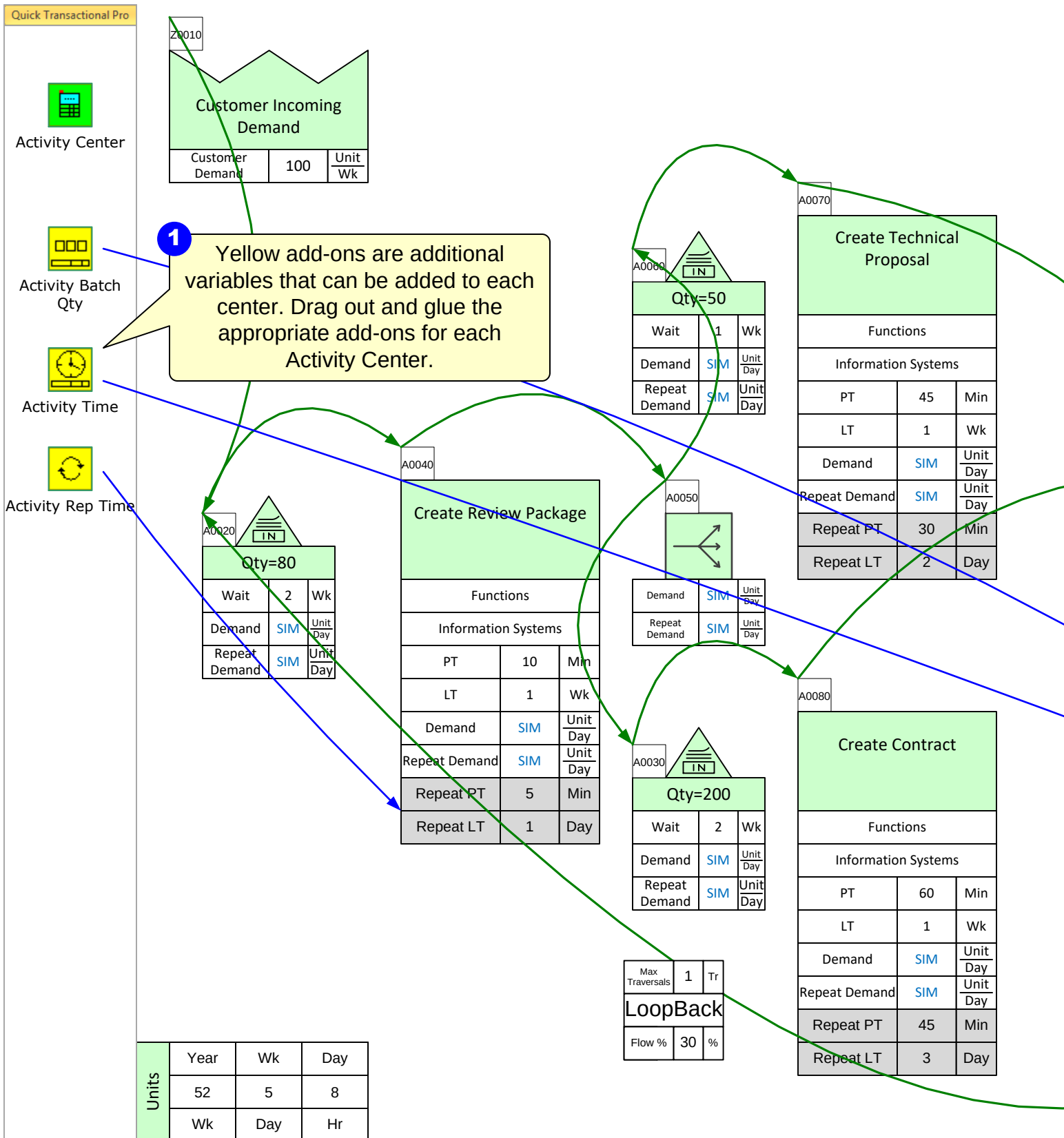


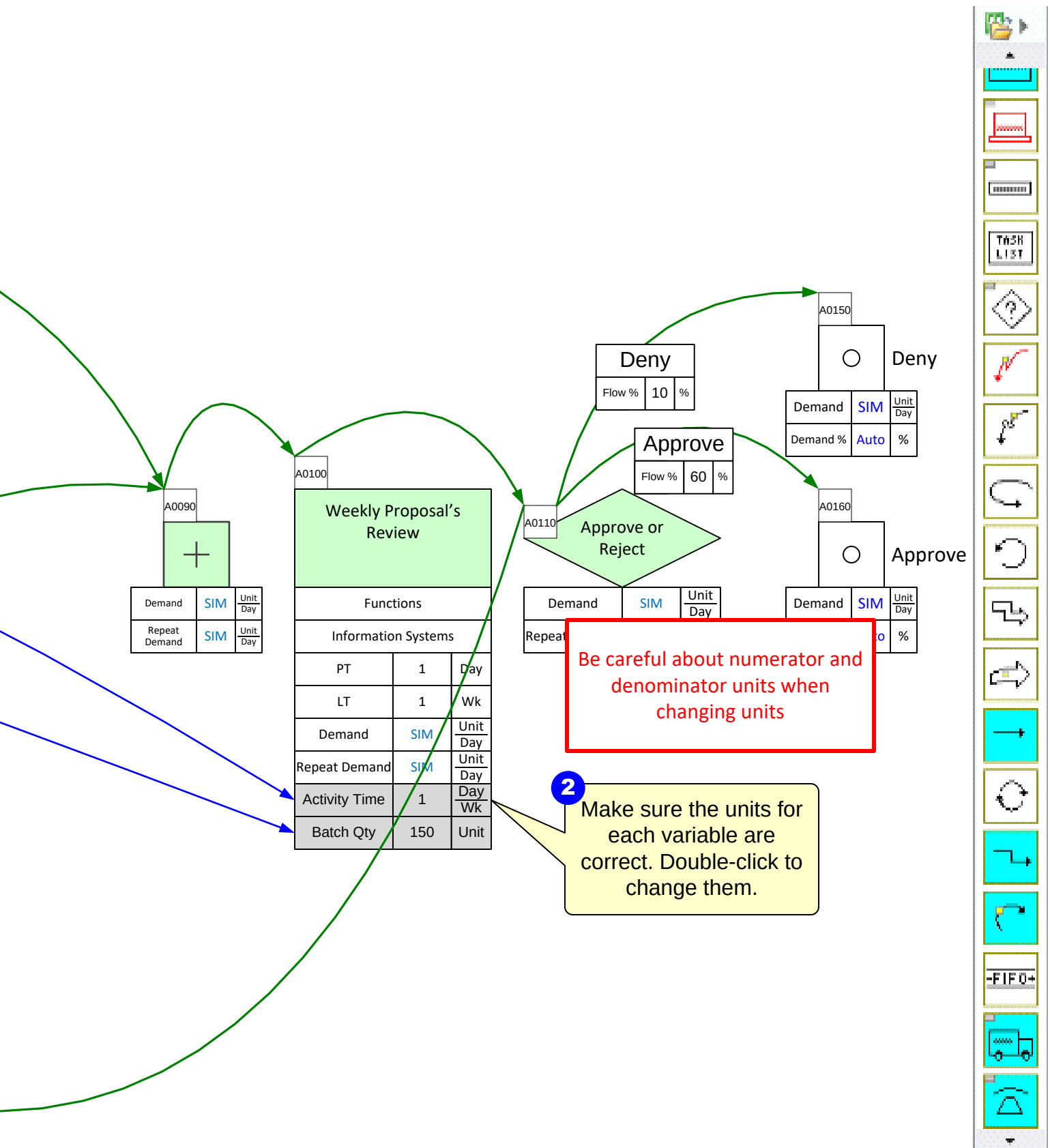
Step 10: Sequence Arrow add-ons





Step 11: Add-on variables





Step 12: Perform calculations

1 Click the "Check" button and fix any problems flagged.  Check

2 Click the "Solve" button to calculate.  Solve

Quick Transactional Pro

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr

20010

Customer Incoming Demand		
Customer Demand	100.0	Unit Wk

A0020

Qty=80		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0040

Create Review Package		
Functions		
Information Systems		
PT	10.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	5.00	Min
Repeat LT	1.00	Day

A0060

Qty=50		
Wait	1.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0050

Demand		
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0030

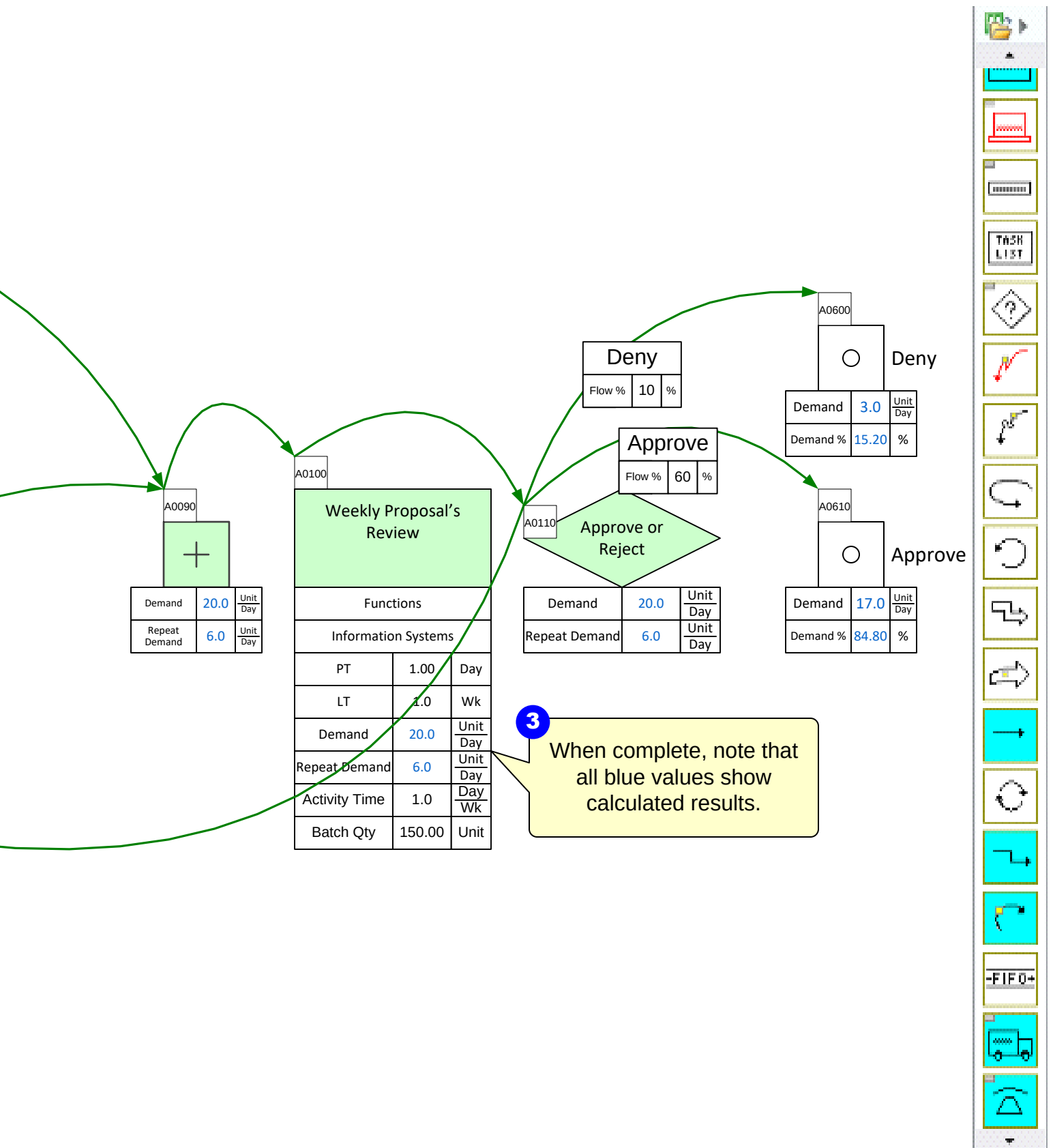
LoopBack		
Max Traversals	1	Tr
Wait		
Flow %	30	%
Demand		Unit Day
Repeat Demand	6.0	Unit Day

A0070

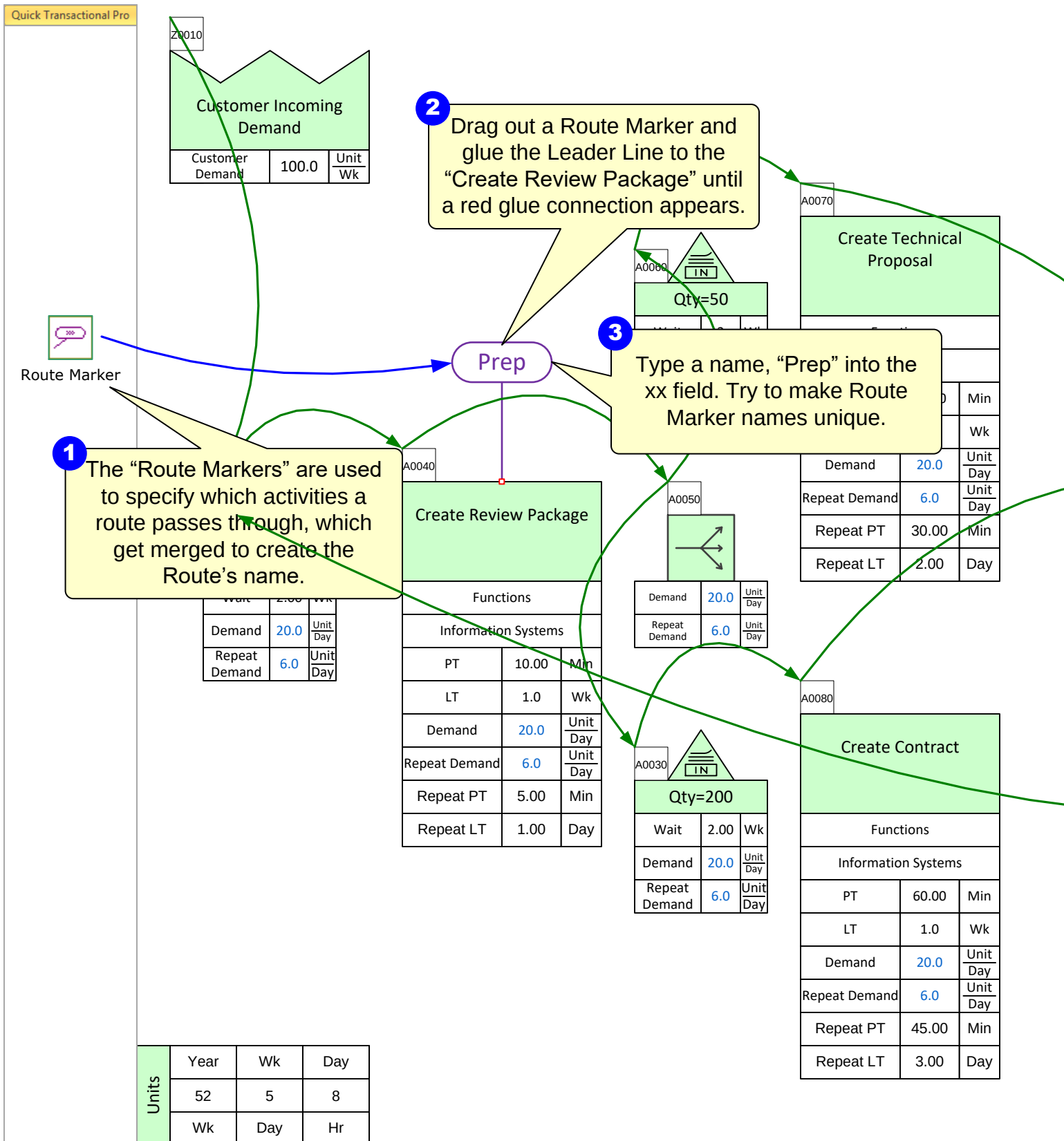
Create Technical Proposal		
Functions		
0.00		
PT	45.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	30.00	Min
Repeat LT	2.00	Day

A0080

Create Contract		
Functions		
Information Systems		
PT	60.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	45.00	Min
Repeat LT	3.00	Day

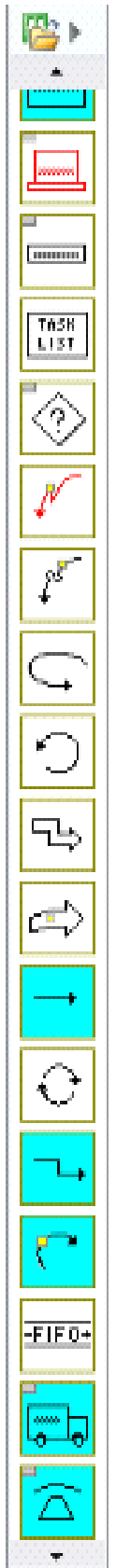
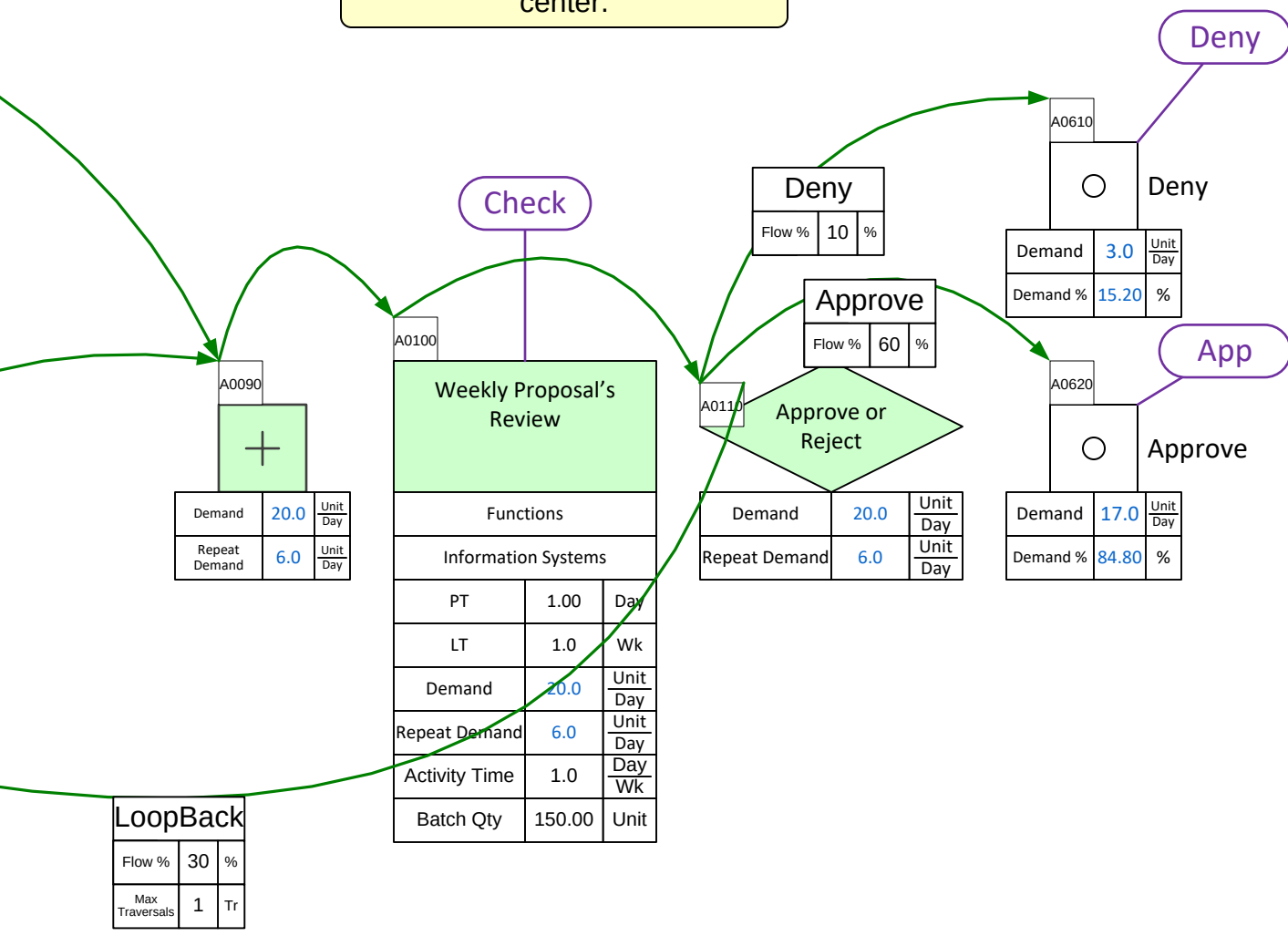


Step 13: Route Markers

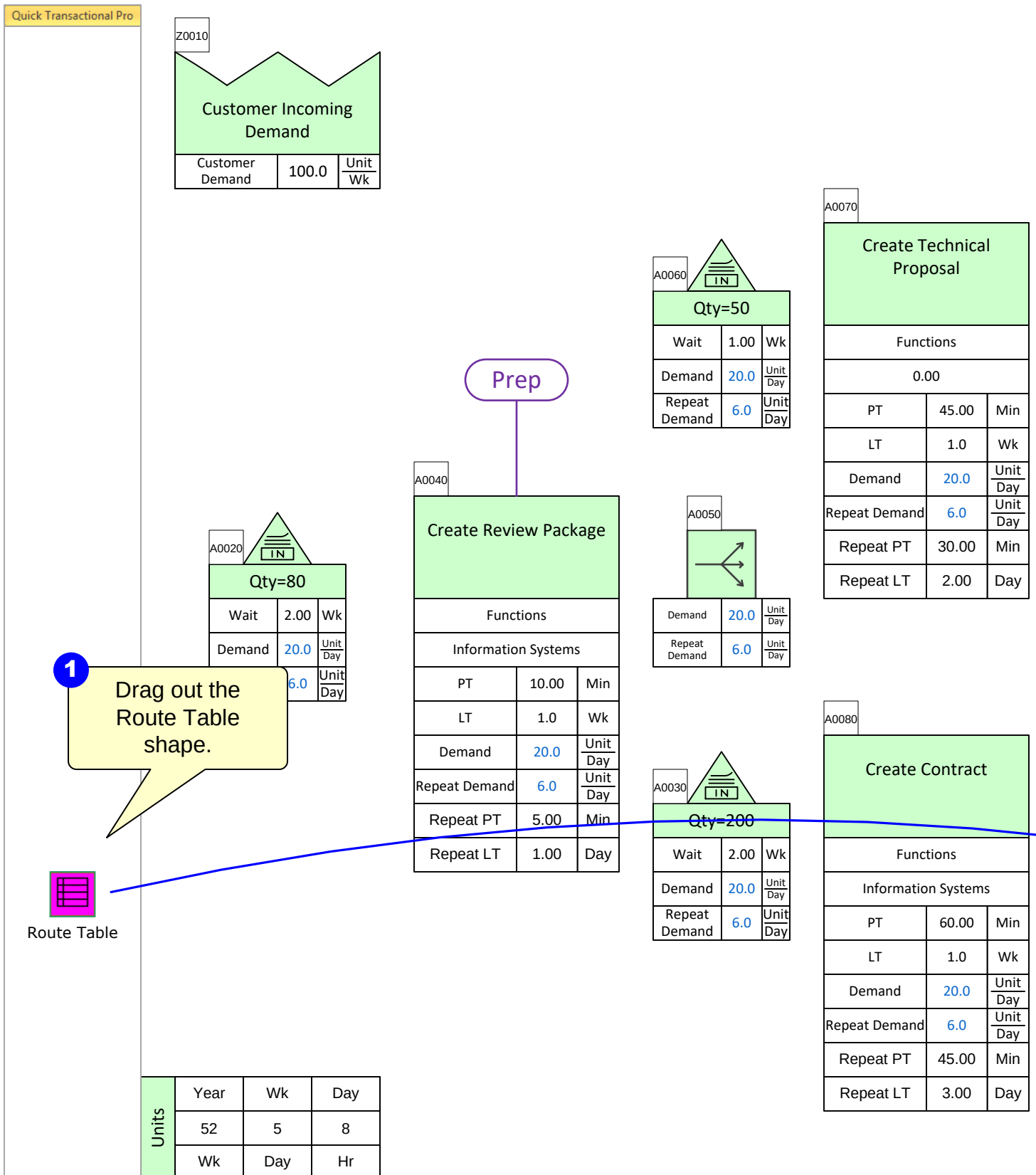


4 Add the other three Route Markers with the labels shown, and glued to the appropriate center.

5 Make sure to “Solve” again after adding any Route Markers.  Solve

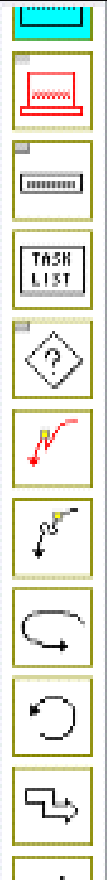
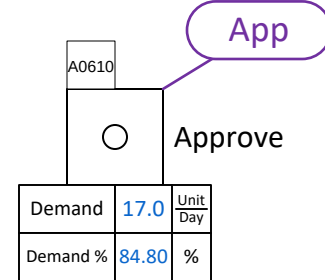
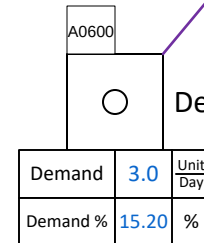
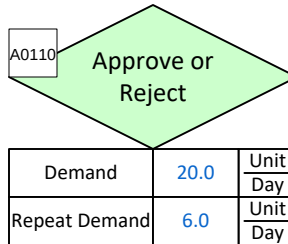
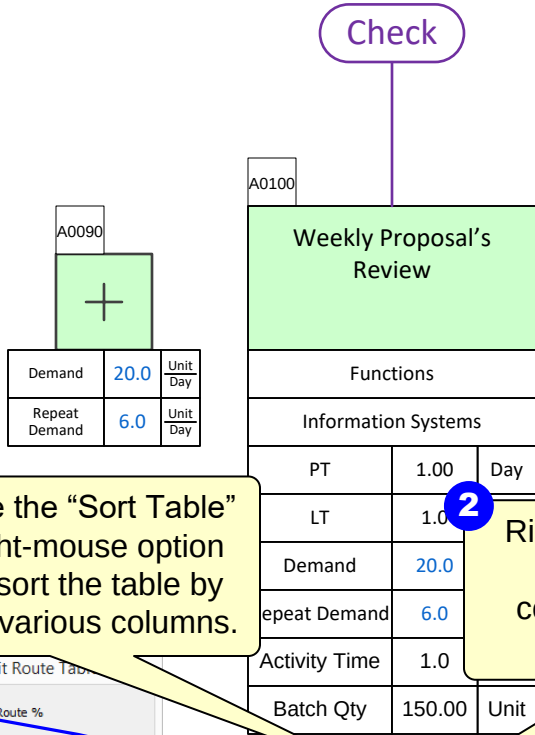


Step 14: Route Table



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	App
2	Prep Check Prep Check App	5.12	25.60	84.80	64.00	648.00	19.25	2.97	App
3	Prep Check Deny	2.16	10.80	95.60	35.00	360.00	9.92	2.75	Deny
4	Prep Check Prep Check Deny	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	

7 The Route Markers now show the sequence of the marked activities that each Route that passes through.



6 Use the "Sort Table" right-mouse option to sort the table by the various columns.

2 Right-click and select "Edit Table" to configure the Route Table columns.

3 Uncheck "Period Cost, and "Cumulative Cost %" and click OK.

4 Right-click and select "Plot Table".

5 Use the "Filter Table" right-mouse option to filter rows in the table.

Edit Route Table - Variables

Visibility	Variable	Units
☒	Route Name	Txt
☒	Route Traversals	Unit/Day
☒	Route %	%
☒	Cumulative Route %	%
☒	Lead Time (longest)	Day
☒	Route Lead Times Total	Hr
☒	Route Process Times Total	Hr
☒	Route Activity Ratio	%
☐	Period Cost	\$/Day
☐	Cumulative Cost %	%
☒	Termination Name	Txt

☐ Only show summary data

Cancel OK

Edit Route Table - Filter

Route % > 0 %

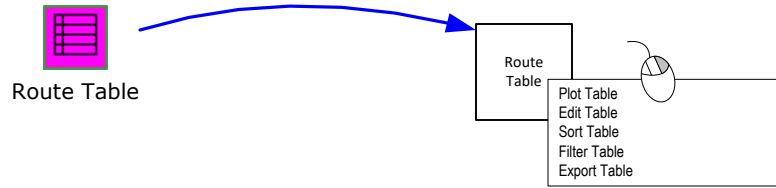
Period Cost > 0 \$/Day

Include Markers

App Check Deny Prep

All None

Cancel OK



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 - Variables

Visibility	Variable	Units
☒	Route Name	Txt
☒	Route Traversals	Unit/Day
☒	Route %	%
☒	Cumulative Route %	%
☒	Lead Time (longest)	Day
☒	Route Lead Times Total	Hr
☒	Route Process Times Total	Hr
☒	Route Activity Ratio	%
☒	Period Cost	\$/Day
☒	Cumulative Cost %	%
☒	Termination Name	Txt
☐	Only 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”.

Edit Route Table - Sort

☒ Route %

☐ Lead Time (longest)

☐ Period Cost

☐ Termination Name

Cancel OK

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr

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

Route Marker

Check

A0040

Create Review Package

Functions		
Information Systems		
PT	5	Min
LT	5	Hr
Demand	500.0	Unit Day
Repeat Demand	0.0	Unit Day

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.

Edit Route Table - Filter

Route % > 0 %

Period Cost > 0 \$/Day

Include Markers

Approve
Check
Prep

All
None

1 visible routes, 0 hidden (1 total)

Cancel OK

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

		Cumulative Cost %	Cumulative Route %	Lead Time (longest)	Period Cost	Route %	Route Activity Ratio	Route Lead Times Total	Route Name	Route Process Times Total	Route Traversals	Termination Name
		%	%	Day	\$/Day	%	%	Hr	Txt	Hr	Unit/Day	Txt
RT0020	Prep Check Approve	0.0%	10000.0%	1.88	0.00	10000.0%	167.0%	15.00	Prep Check Approve	0.25	500	Approve

Step 15: Plot Lead Time chart

Quick Transactional Pro

2

Right-click the icon and select "Edit Ladder Chart Data".

4

Drag out two Route Filter Shapes and glue to the Lead Time Chart icon. Double-click one of them to change it to Route 2.

5

Right click the icon and select "Plot Ladder Chart" to plot.



Route Filter



Lead Time Chart

1

Drag out Lead Time Chart icon

Customer Demand	100.0	Unit
-----------------	-------	------

A0010		
Qty=80		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

1	2
Lead Time	

A0020		
Create Review Package		
Functions		
Information Systems		
PT	10.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	5.00	Min
Repeat LT	1.00	Day

A0040	
Qty=50	
Wait	1.00 Wk
Demand	20.0 Unit Day
Repeat Demand	6.0 Unit Day

A0030 		
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

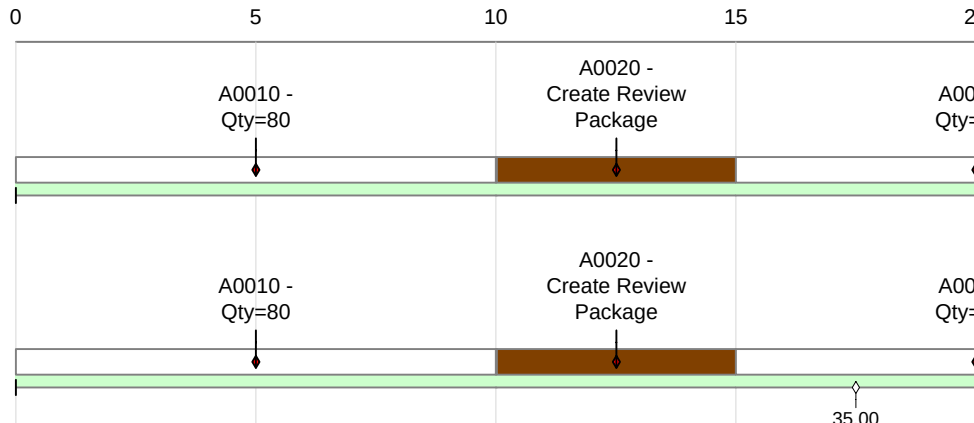
Create Technical Proposal		
Functions		
0.00		
PT	45.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	30.00	Min
Repeat LT	2.00	Day

A0060	
Qty=200	
Wait	2.00 Wk
Demand	20.0 Unit Day

A0070	Create Contract
	Functions
	Information Systems

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr

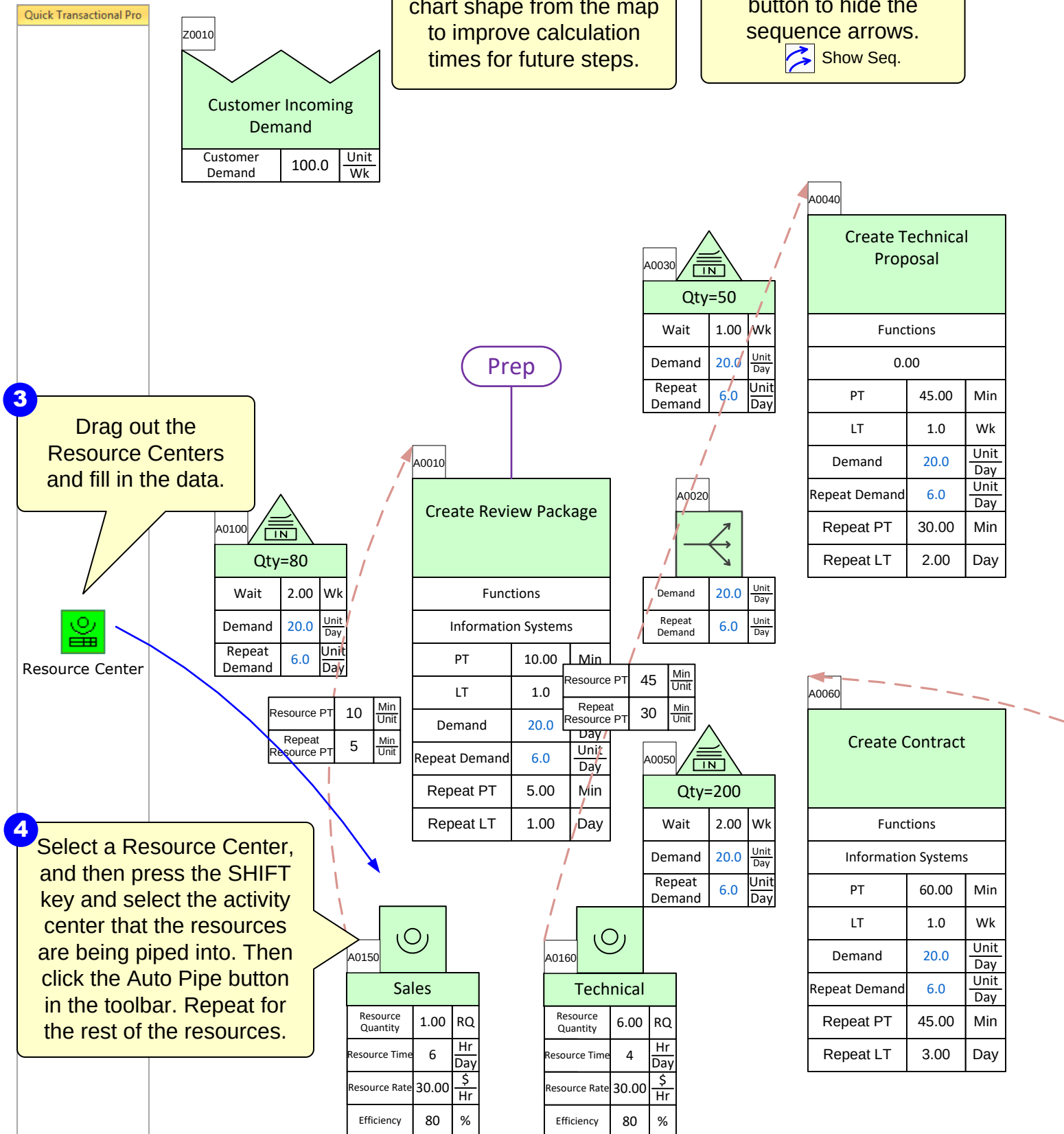
Longest Lead Time Segments for each Route



Step 16: Adding resources

1 Delete the Lead Time chart shape from the map to improve calculation times for future steps.

2 Click the Show Seq. button to hide the sequence arrows.



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	App
2	Prep Check Prep Check App	5.12	25.60	84.80	64.00	648.00	19.25	2.97	App
3	Prep Check Deny	2.16	10.80	95.60	35.00	360.00	9.92	2.75	Deny
4	Prep Check Prep Check Deny	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	

6

Click the Solve button to incorporate the resource data.



Solve

Check

A0070

5

Fill in the Pipe Arrow data.

Demand 20.0 Unit

Repeat Demand

A0080

Weekly Proposal's Review

Functions

Information Systems

PT	1.00	Day
----	------	-----

LT	1.0	Wk
----	-----	----

Demand	20.0	Unit Day
--------	------	----------

Repeat Demand	6.0	Unit Day
---------------	-----	----------

Activity Time	1.0	Day Wk
---------------	-----	--------

Batch Qty	150.00	Unit
-----------	--------	------

A0170

Legal

Resource Quantity	5.00	RQ
Resource Time	4	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

A0090

Approve or Reject

Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0180

Deny

Demand	3.0	Unit Day
Demand %	15.20	%

A0190

Approve

Demand	17.0	Unit Day
Demand %	84.80	%

Route Table

Deny

App



Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr

Step 17: Resource Balance Chart and Activity Cost Chart

Quick Transactional Pro



Resource Balance Chart



Cost Chart

1 Drag out the Resource Balance Chart icon

3 Drag out the Cost Chart icon

2 Right click the icon and select "Plot Chart" to plot.

Z0010

Customer Incoming Demand		
Customer Demand	100.0	Unit Wk

A0010

Qty=80		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

Resource PT	10	Min Unit
Repeat Resource PT	5	Min Unit

A0020

Create Review Package		
Functions		
Information Systems		
PT	10.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	5.00	Min
Repeat LT	1.00	Day

A0130

Sales		
Resource Quantity	1.00	RQ
Resource Time	6	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

A0140

Technical		
Resource Quantity	6.00	RQ
Resource Time	4	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

A0040

Qty=50		
Wait	1.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0030

Demand		
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

Resource PT	45	Min Unit
Repeat Resource PT	30	Min Unit

A0060

Qty=200		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

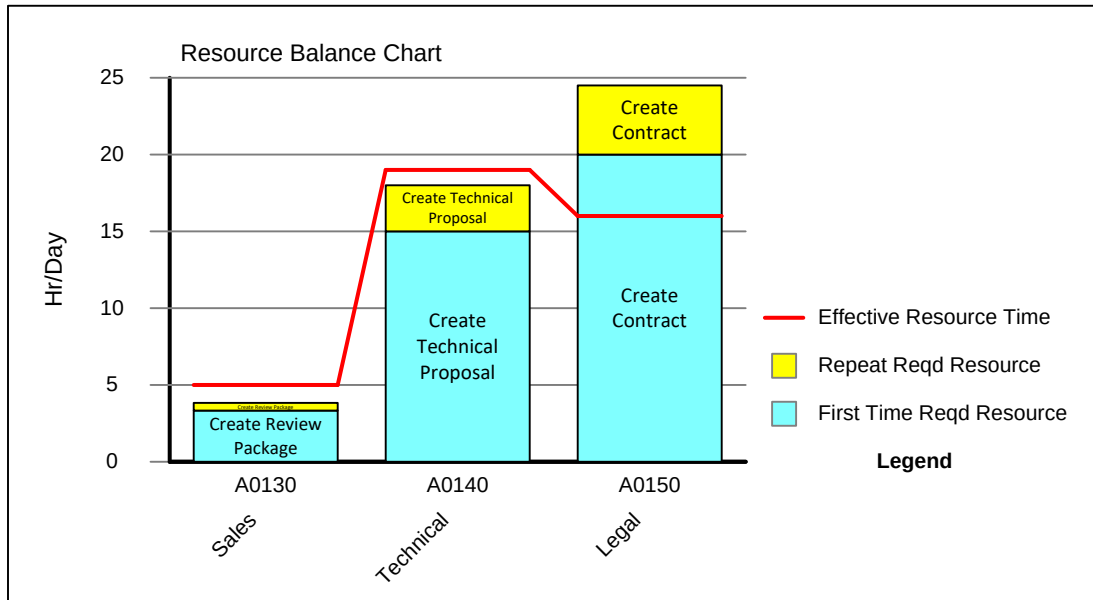
A0050

Create Technical Proposal		
Functions		
0.00		
PT	45.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	30.00	Min
Repeat LT	2.00	Day

A0070

Create Contract		
Functions		
Information Systems		
PT	60.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	45.00	Min
Repeat LT	3.00	Day

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr



Check

Deny

Deny

Demand	3.0	Unit Day
Demand %	15.20	%

App

Approve

Demand	17.0	Unit Day
Demand %	84.80	%

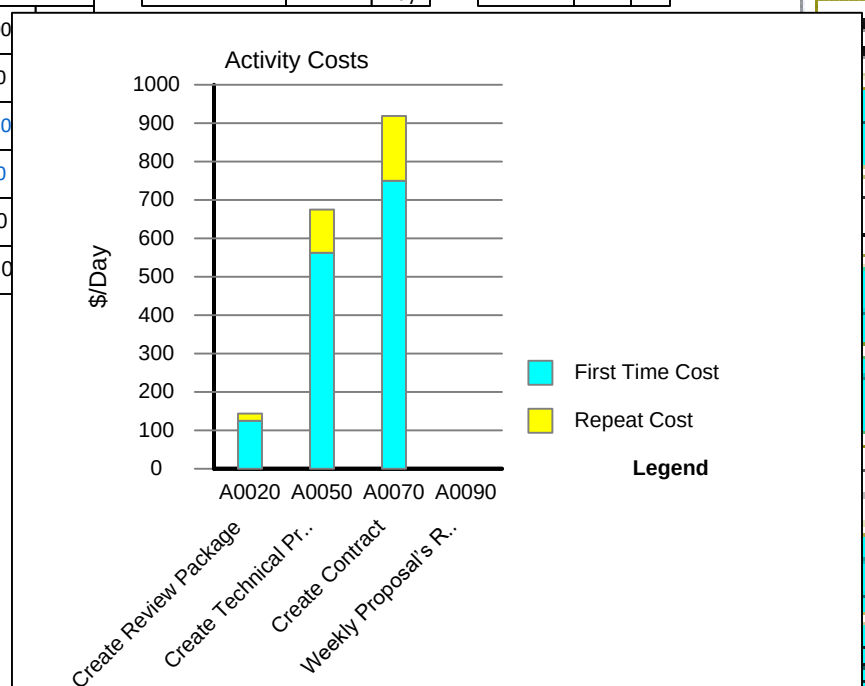
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0090	Weekly Proposal's Review
-------	--------------------------

Functions	
Information Systems	
PT	1.00
LT	1.0
Demand	20.0
Repeat Demand	6.0
Activity Time	1.0
Batch Qty	150.0

A0100	Approve or Reject
-------	-------------------

Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day



4 Right click the icon and select "Plot Chart" to plot.

Resource Quantity	5.00	RQ
Resource Time	4	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

Activity Cost

Step 18: Add Kaizen Starbursts

Quick Transactional Pro

Z0010		
Customer Incoming Demand		
Customer Demand	100.0	Unit Wk

1 Delete the Resource and Cost charts. Click the Show Pipes button to hide the resource pipes on the map.  Show Pipes

3 Right-click the starburst and select "Edit Kaizen".

Prep

002
2 week back log

A0100		
Qty=80		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

Resource PT	10	Min Unit
		Min Unit

2 Drag out kaizen starbursts from the Quick Extras stencil on the right and fill in the problems.

A0010		
Create Review Package		
Functions		
Information Systems		
PT	10.00	Min
LT	1.0	
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	5.00	Min
Repeat LT	1.00	Day

Resource PT	45	Min Unit
Repeat Resource PT	30	Min Unit

A0030		
Qty=50		
Wait	1.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0020		
Demand		
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0050		
Qty=200		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0040		
Create Technical Proposal		
Functions		
0.00		
PT	45.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	30.00	Min
Repeat LT	2.00	Day

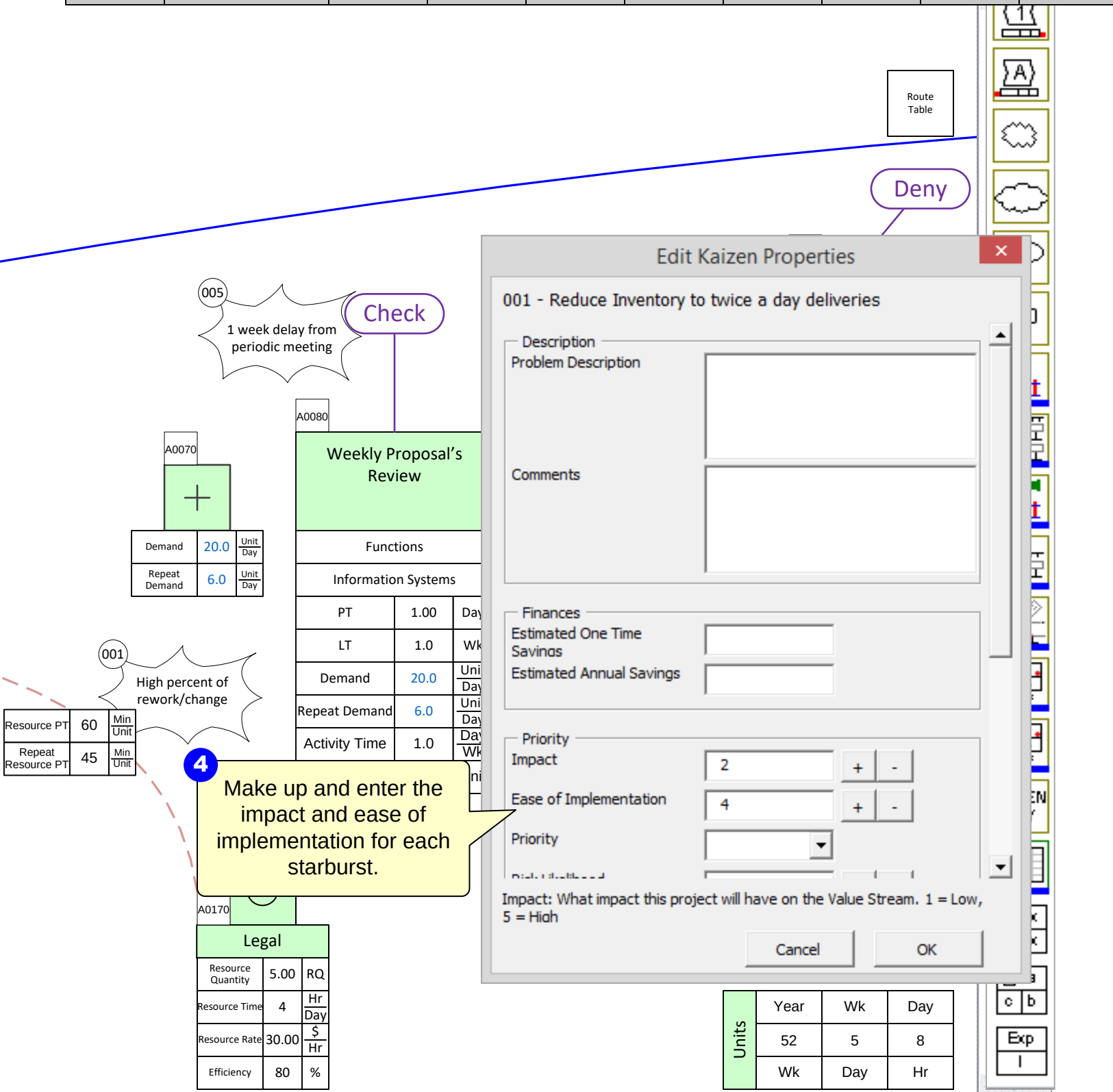
A0060		
Create Contract		
Functions		
Information Systems		
PT	60.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	45.00	Min
Repeat LT	3.00	Day

004
Bottleneck at the Create Contract process

A0150		
Sales		
Resource Quantity	1.00	RQ
Resource Time	6	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

A0160		
Technical		
Resource Quantity	6.00	RQ
Resource Time	4	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

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	App
2	Prep Check Prep Check App	5.12	25.60	84.80	64.00	648.00	19.25	2.97	App
3	Prep Check Deny	2.16	10.80	95.60	35.00	360.00	9.92	2.75	Deny
4	Prep Check Prep Check Deny	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	



Step 19: Plot the Kaizen Impact Matrix

3

To generate a Kaizen report in Excel, click the Kaizen Export button in the toolbar.



Kaizen Export

Quick Transactional Pro

Z0010

Customer Incoming Demand		
Customer Demand	100.0	Unit Wk

002

2 week back log

Qty=80		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

1

Drag out the Kaizen Impact Matrix and right-click to plot.

Kaizen Impact Matrix

Prep

A0010

Create Review Package		
Functions		
0.00		
PT	10.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	5.00	Min
Repeat LT	1.00	Day

A0030

Qty=50		
Wait	1.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0020

Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

003

2 week queue for contracts

A0050

Qty=200		
Wait	2.00	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day

A0040

Create Technical Proposal		
Functions		
0.00		
PT	45.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	30.00	Min
Repeat LT	2.00	Day

004

Bottleneck at the Create Contract process

A0060

Create Contract		
Functions		
0.00		
PT	60.00	Min
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Repeat PT	45.00	Min
Repeat LT	3.00	Day

Sales		
Resource Quantity	1.00	RQ
Resource Time	6	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

Technical		
Resource Quantity	6.00	RQ
Resource Time	4	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

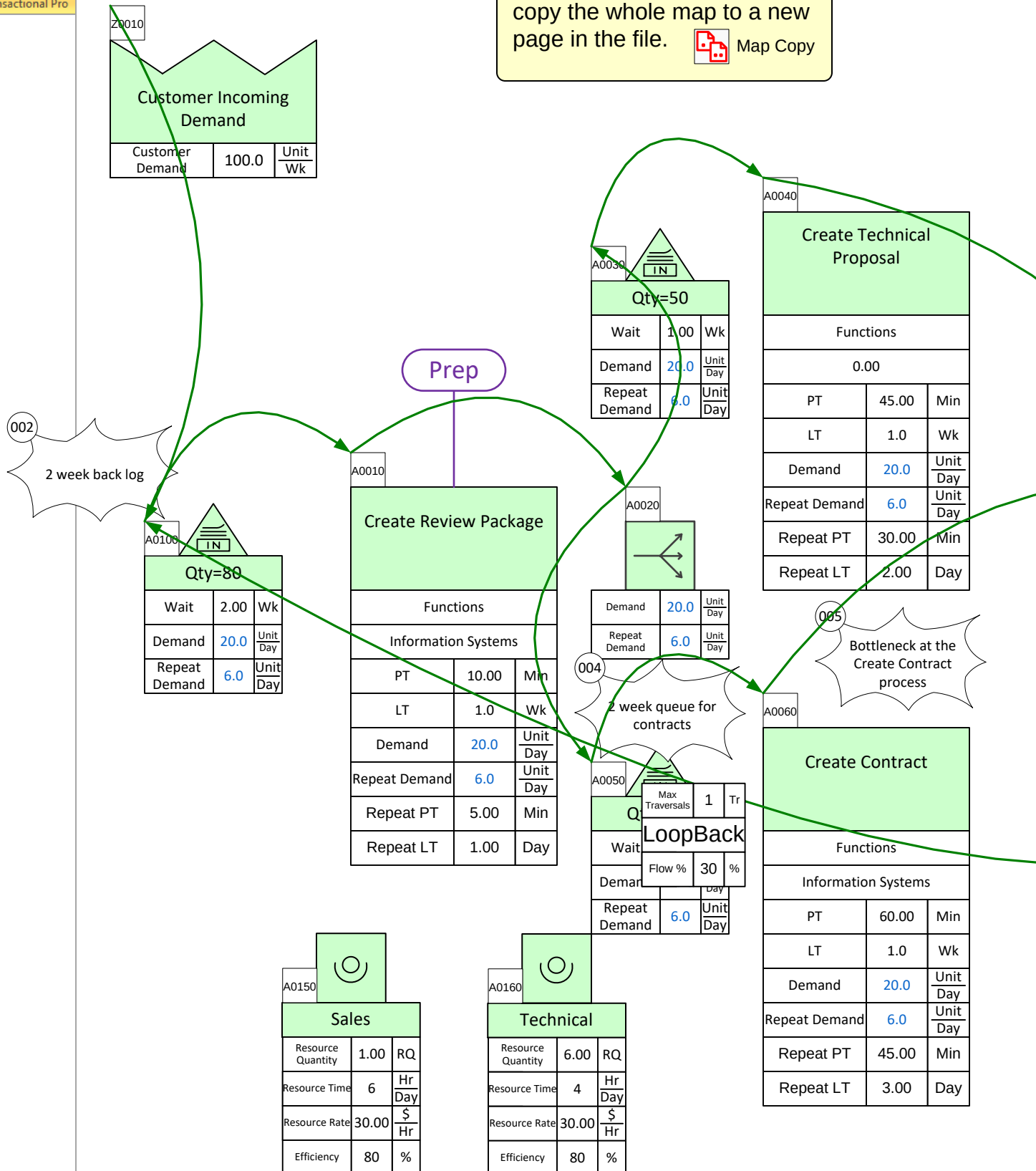


Step 20: Creating a future state map

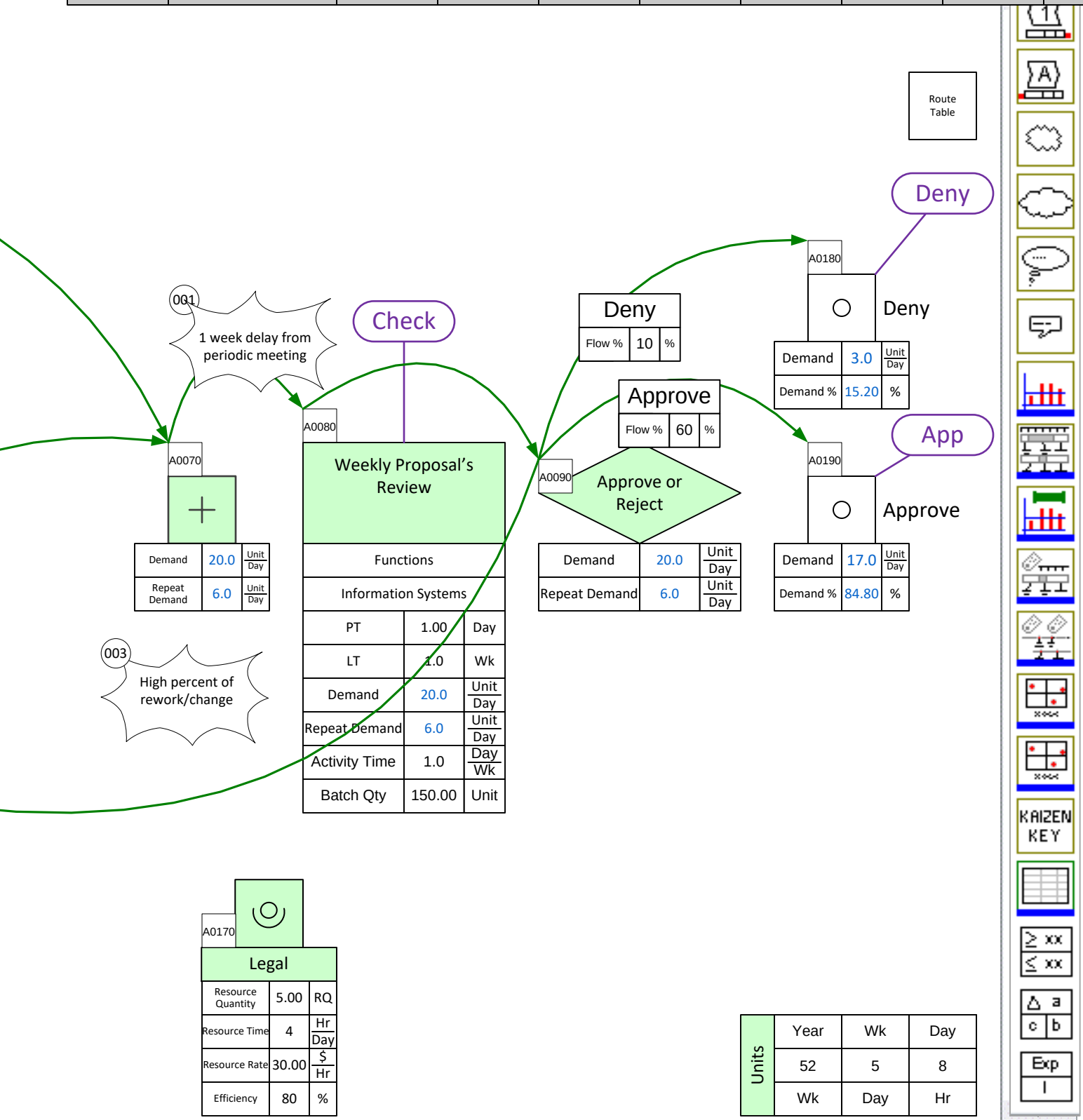
1

Use the Map Copy button to copy the whole map to a new page in the file.  Map Copy

Quick Transactional Pro

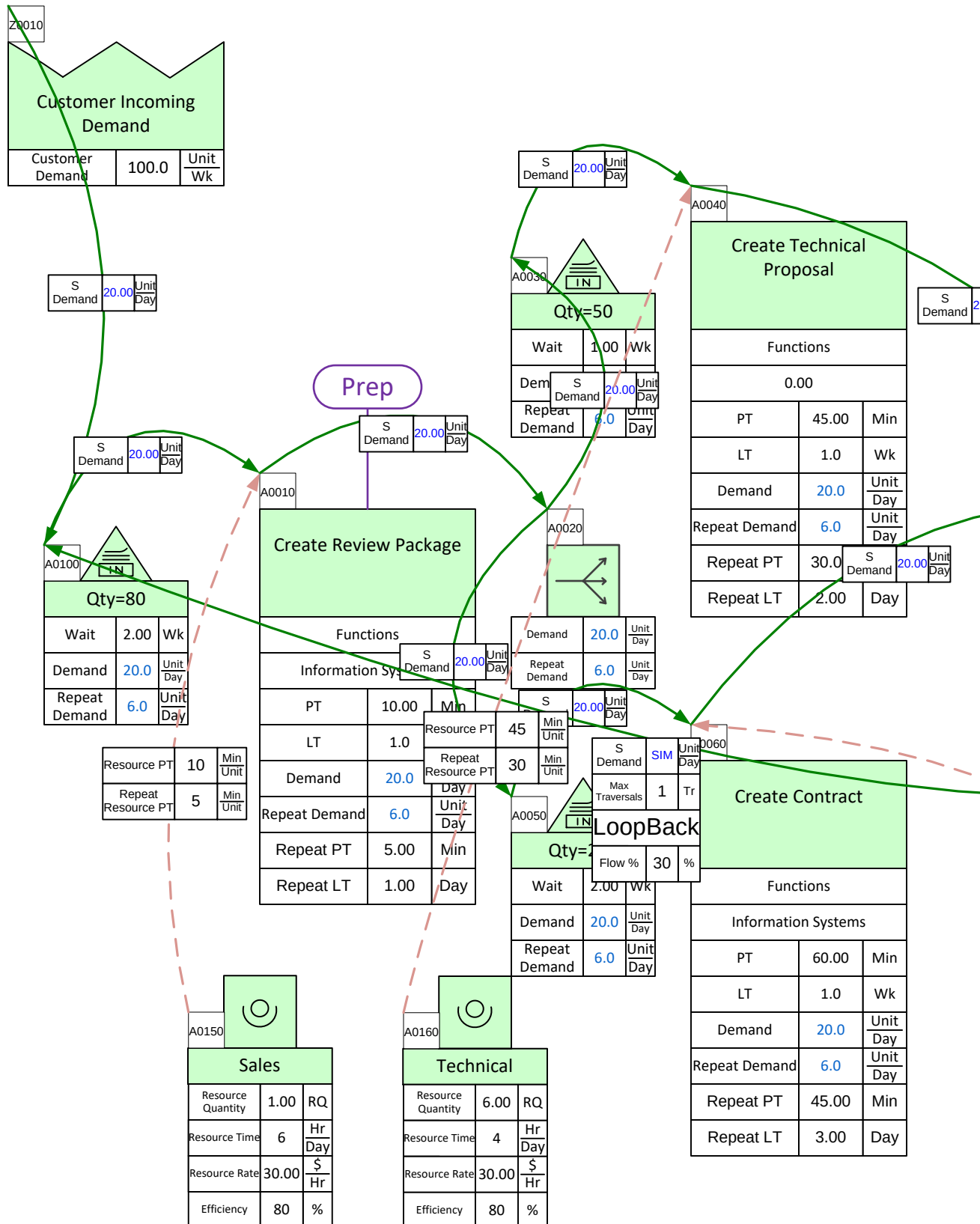


Route	Route Name	Route Traversals	Route %	Cumulative Route %	Lead Time (longest)	Total Wait	Total PT	PT Percent	Termination Name
	Txt	Unit/Day	%	%	Day	Hr	Hr	%	Txt
1	Prep Check App	11.84	59.20	59.20	35.00	360.00	9.92	2.75	App
2	Prep Check Prep Check App	5.12	25.60	84.80	64.00	648.00	19.25	2.97	App
3	Prep Check Deny	2.16	10.80	95.60	35.00	360.00	9.92	2.75	Deny
4	Prep Check Prep Check Deny	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	



Step 21: Hide/Show - Demand Visualization

Quick Transactional Pro

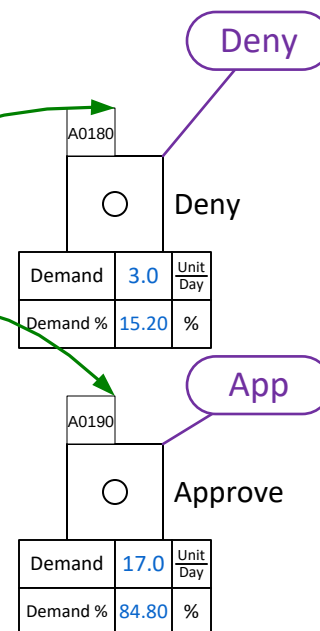


1 Click the Views button.  Views

2 Check the box for the "S Demand" variable to make it visible on the map.

Variable Visibility

Center/Addon Name	Variable Name(s)	Visibility	Multi-
 Sequence Center	- Has Flow %	☐	
	S Demand	☒	
	S Repeat Demand	☐	
Flow % 	- Flow %	☒	
Max Traversals 	- Max Traversals	☒	
 Transport Center			
 Wait Center			
 Resource Center	- Resource Quantity	☒	
	Resource Time	☒	
	Resource Rate	☒	
	Efficiency	☒	
	Available Resource Time	☐	
	Effective Resource Time	☐	
	First Time Total Usage	☐	
	Repeat Total Usage	☐	



0.00 Unit Day

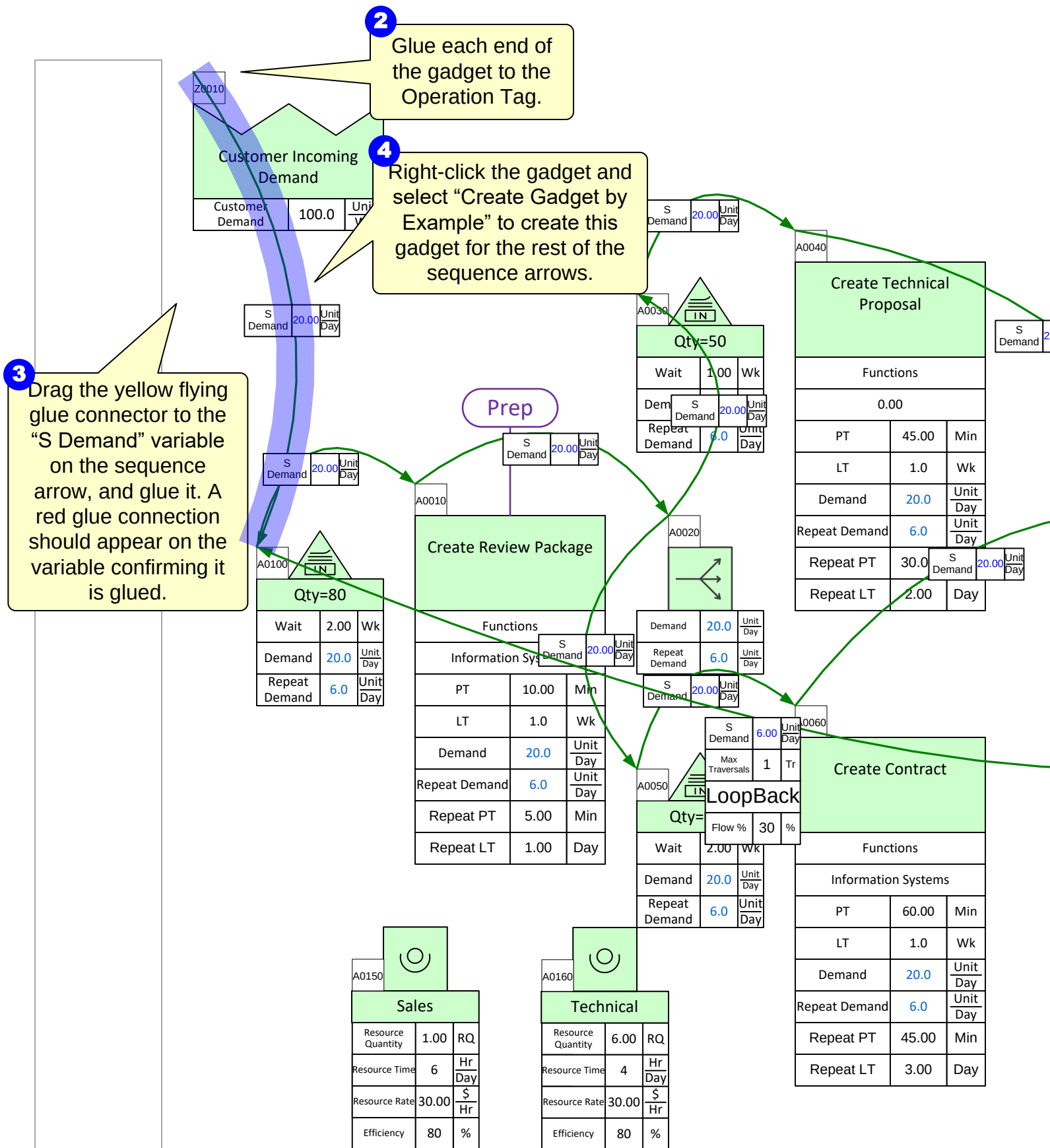
Resource PT	60	Min Unit
Repeat Resource PT	45	Min Unit

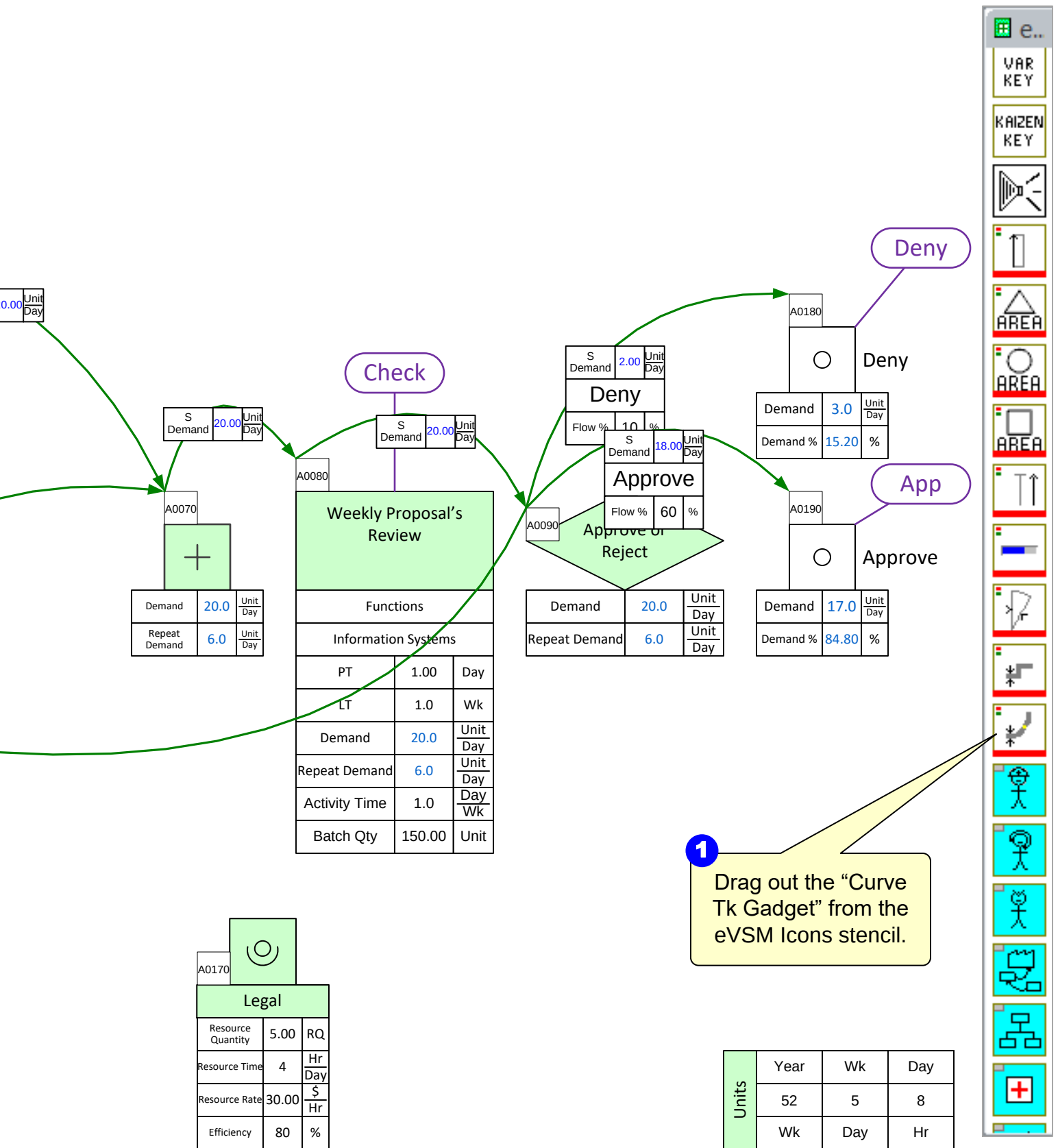
LT	1.0	Wk
Demand	20.0	Unit Day
Repeat Demand	6.0	Unit Day
Activity Time	1.0	Day Wk
Batch Qty	150.00	Unit

A0170		
Legal		
Resource Quantity	5.00	RQ
Resource Time	4	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

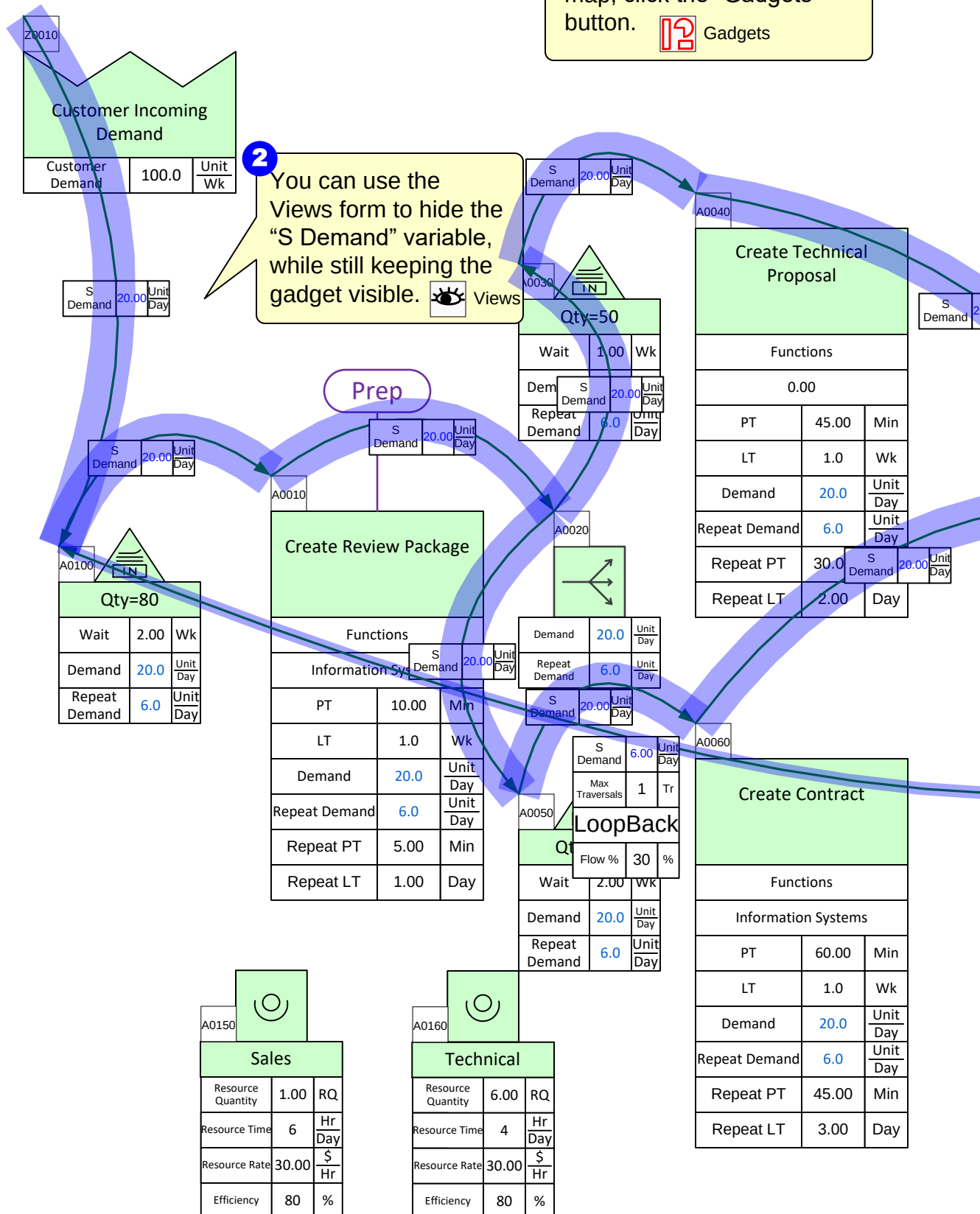
Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr

Step 22: Demand Visualization – Line Thickness Gadget





Step 23: Managing Gadgets



Gadget Collection Name	Visible	Count	Type	Parameter	Scale
Curved Line, S Demand	Yes	14	Curved Line	Thickness	0.30 in. = 20 Unit/Day

New...
 Rename...
 Scale..
 Color Code..
 Delete

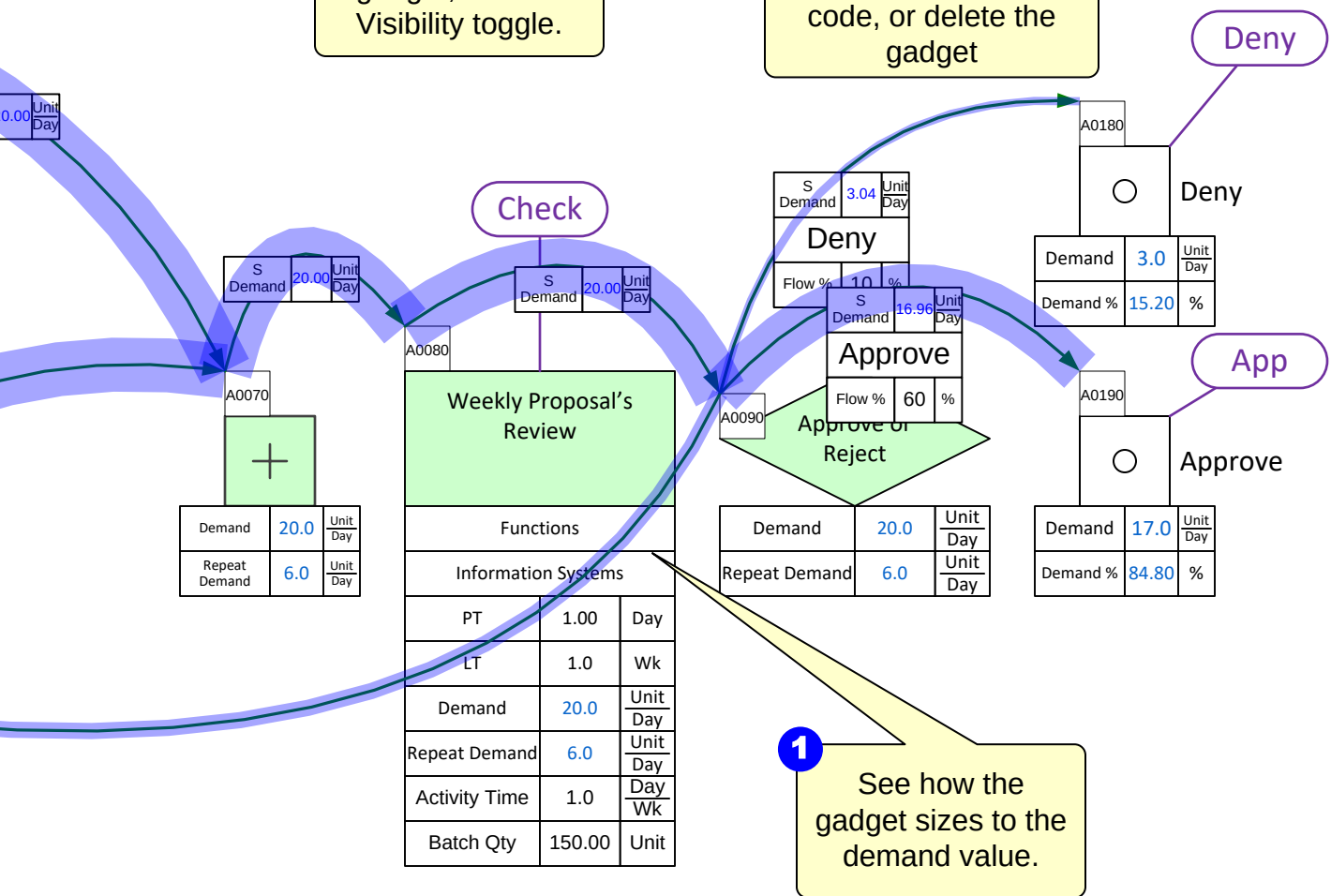
Show Collection
 Transfer Highlighted Gadgets to Collection

☒ Visible

Apply Cancel OK

4 To hide/show a gadget, use the Visibility toggle.

5 Use this dialog to rename, scale, color code, or delete the gadget



Legal		
Resource Quantity	5.00	RQ
Resource Time	4	Hr Day
Resource Rate	30.00	\$ Hr
Efficiency	80	%

Units	Year	Wk	Day
	52	5	8
	Wk	Day	Hr