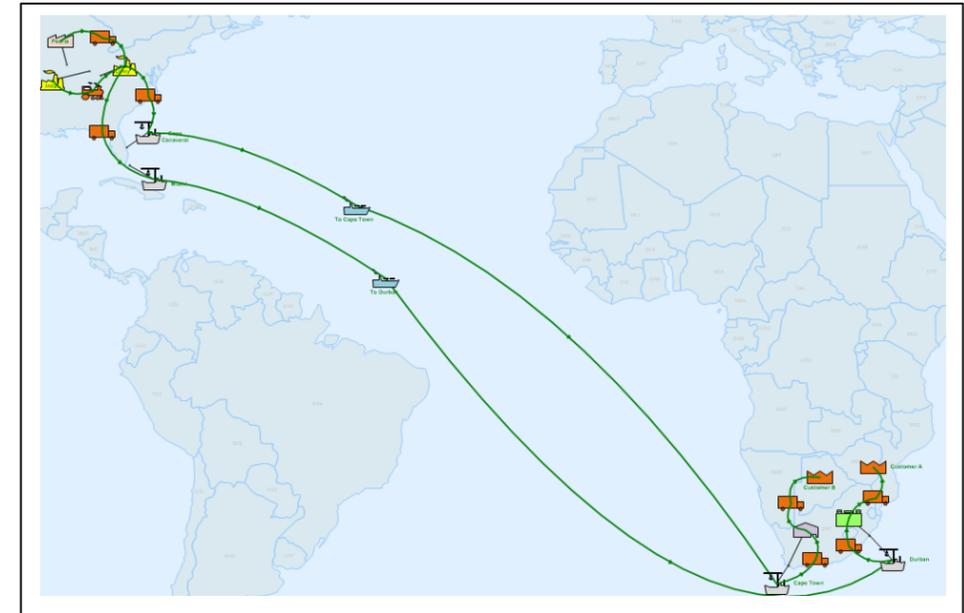


Quick Supply Network Tutorial

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

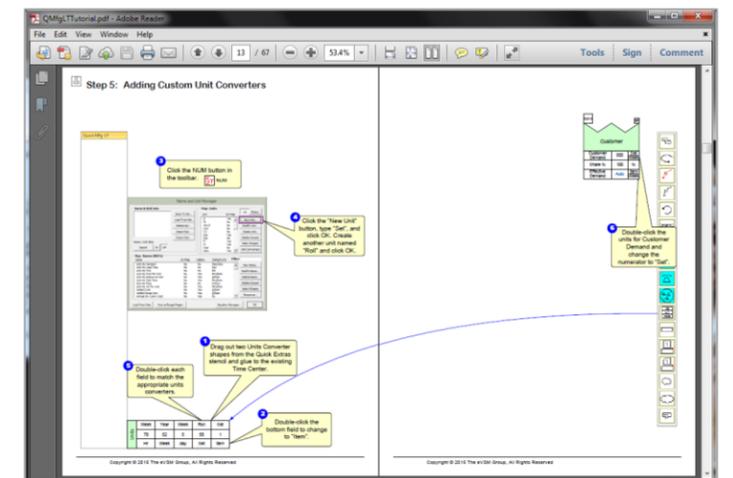


Viewing/printing/using eVSM Tutorial:

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".

Make sure you follow the tutorial step by step and in the order indicated by the numbered blue circles on each page



Step 1: Start eVSM

1 On your Desktop, click the "Start eVSM" icon.

2 If you see a message like this, you must "Enable" macros.

Microsoft Visio Security Notice

Microsoft Office has identified a potential security concern.

Note: The digital signature is valid, but the signature is from a publisher whom you have not yet chosen to trust.

File Path: C:\Program Files\evsm\Setup\Solutions\evsmIcons.vss

Macros have been disabled. Macros might contain viruses or other security hazards. Do not enable this content unless you trust the source of this file.

[More information](#)

[Show Signature Details](#)

Trust all from publisher Enable Macros Disable Macros

3 Click to enable macros.

4 Click "Trust all from publisher" to avoid the security notice in future.

The eVSM Environment

eVSM adds this toolbar to Visio as well as the stencils on the left and right. If the eVSM toolbar disconnects, click File>Save As and save the file, close the file, then re-open it. This tip can be used for other crashes in eVSM.

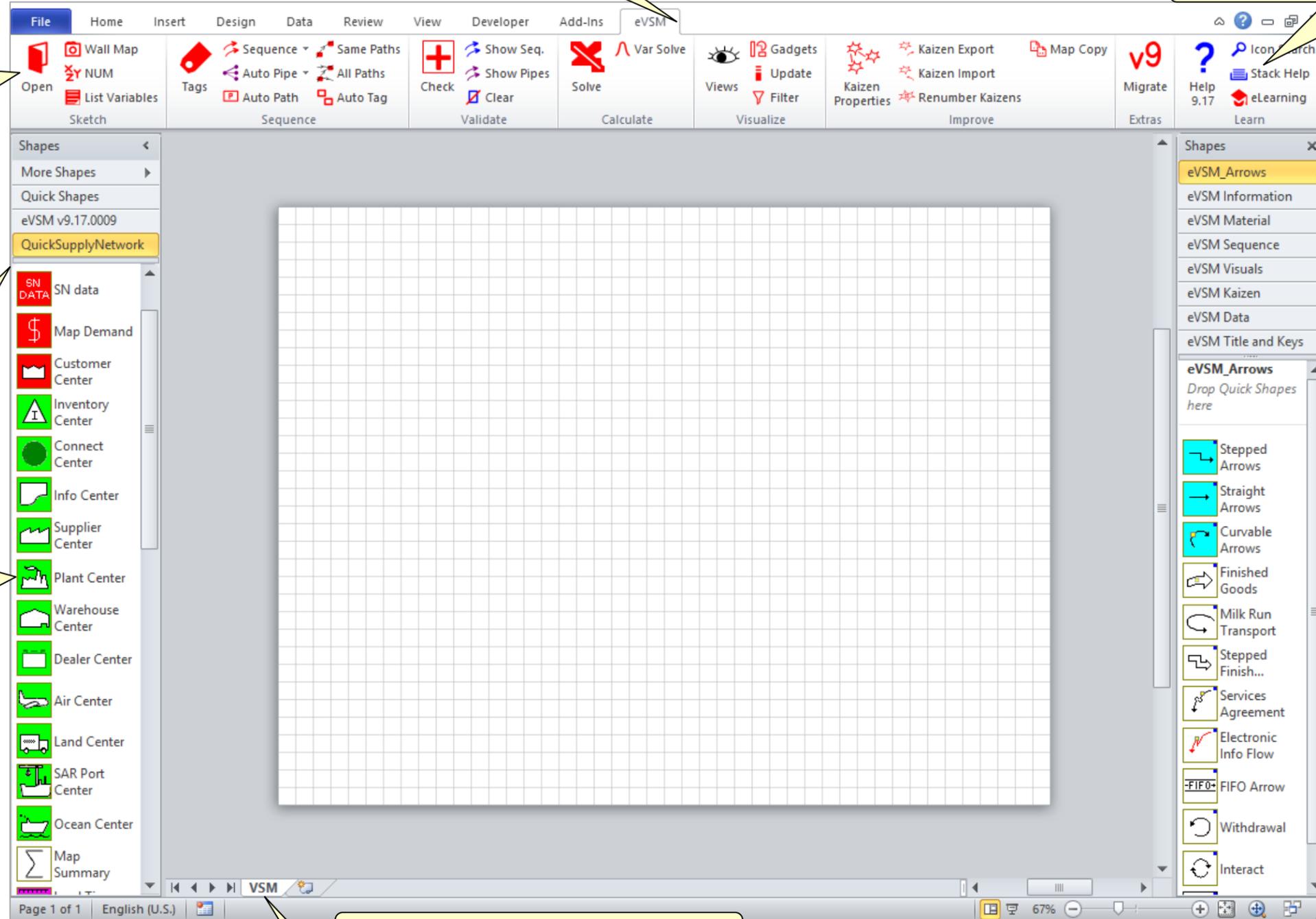
Hover over each button in the eVSM Toolbar to learn what it does. Detailed help and tutorials are available at the eVSM help site which can be accessed via this button.

A new map is initiated by selecting your application area from the "Open" button. Only the stencils required for your selected application area will open on the left side.

The left hand side has the Quick eVSM stencils which are optimized for specific application areas such as manufacturing vs office vs healthcare.

The Quick stencils contain macro shapes which are often collections of individual eVSM shapes with pre-built names, units, equations, and other properties.

The right side stencils are organized into separate categories and are used for drawing with base eVSM.



A Visio file can have multiple pages which are accessed with these tabs. Each page gets locked to a chosen eVSM application and then not be used for other applications.

Quick Stencil Icon Colors

Below is an overview of the Quick Supply Network stencil shapes.

QuickSupplyNetwork	
SN data	Map Demand
Customer Center	Inventory Center
Connect Center	Info Center
Supplier Center	Plant Center
Warehouse Center	Dealer Center
Air Center	Land Center
Port Center	Ocean Center
Map Summary	Lead Time Chart
Cost Chart	Timer Center
Timer Pipe	Cost Center
Cost Pipe	Distance Center
Distance Pipe	Sequence Center
Cost A B Center	Distance A B Center
Timer A B Center	Risk Center
Risk Impact Number	Value At Risk
Risk Report	Period Cost Center
PEvent Cost Center	Event Cost Center
Accrued Cost Center	Accrued Cost Pipe

****DRAG RED SHAPES OUT FIRST****

White icons represent Summary Centers

Yellow icons are additional add-on calculations to be used with centers. For Quick Supply Network, you will NOT need to access these directly

Green icons represent Centers

Purple icons are the graphs and other charts

Quick Supply Network Variables & Concepts

Below is an overview of primary variables (calculated values in blue)

Activity Demand : The demand through this activity calculated from the downstream demand

Activity Time : Expected Time related to this activity. Note that Delay time is in addition to activity time

Activity Unit Cost : Additional cost for this activity.

Activity Unit Holding Cost : Holding cost associated with a single unit passing through this activity

Delay Time : The unexpected delay time associated with an activity. This is in addition to the activity time

Holding Cost % : Percent of the value that represents the annual holding cost

Inventory Qty : Inventory Qty stored at this point

Total Demand : Total demand per period for this map

Key Concepts for this stencil

When two paths coming from upstream join at a single node, it is assumed to be an assembly process. The unit costs coming down the paths are added together.

When paths going downstream separate at a node, it is assumed to be an alternate route process. The unit cost at the node is taken down each path.

Appendix Topics

These concepts are supported in some way by the stencil and are covered at the end of the tutorial.

- Risk Maps Overlay
- Sensors & Comparators
- Exploded Views
- Alternate Routes
- Gadgets
- Total Cost of Ownership

These concepts are supported in some way by the stencil but are not covered in this tutorial.

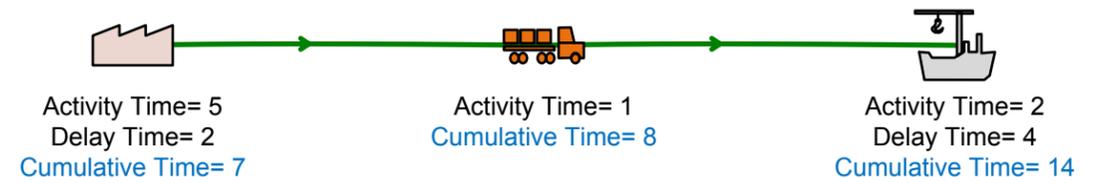
- Projects Definition
- Connectors On Images
- Incoterm

Demand

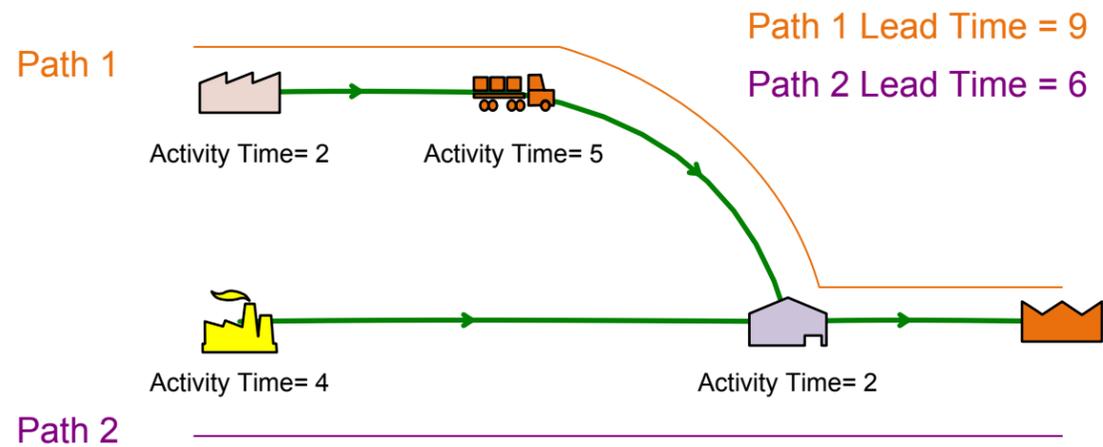
Total Demand	200	Item/Year
--------------	-----	-----------



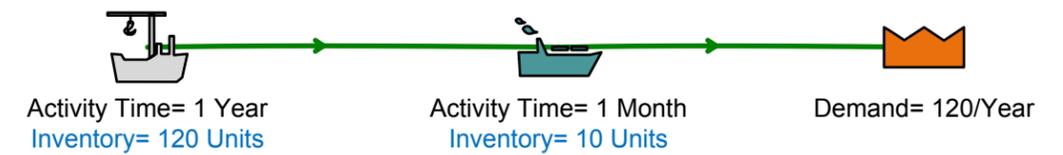
Delay Time



Lead Time



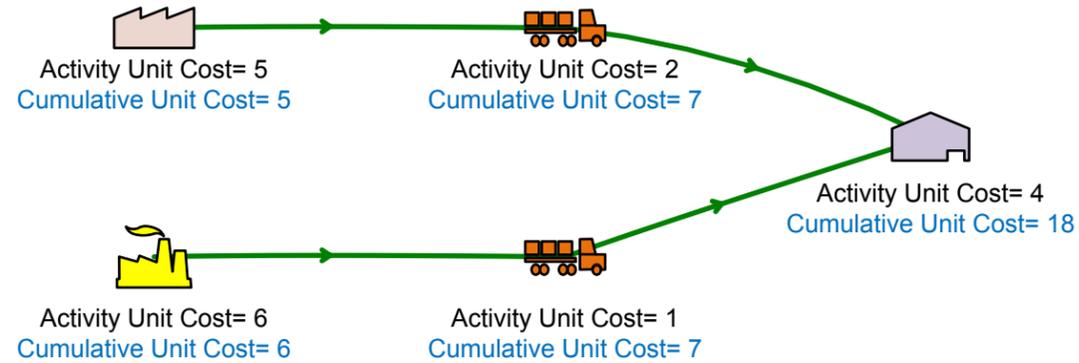
Inventory



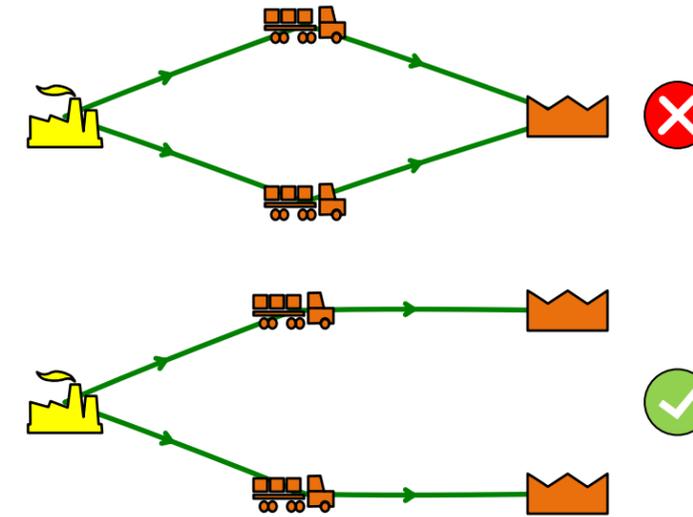
Unit Cost

Join operations like this get treated like sub-assemblies coming together.

Input Fields
Calculated Fields



Delivery of units via different routes

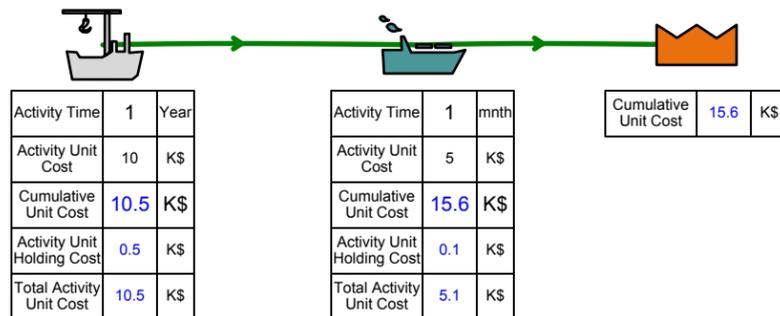


If a unit is being delivered using different routes, you CANNOT merge the routes.

They need to be kept separate all the way to separate Customer centers (even if it's the same Customer).

Holding Cost

Map Data		
Holding Cost %	10	%
Total Demand	120	Item/Year



$$\text{Activity Unit Holding Cost [K\$]} = \left(\text{Activity Time}_{\text{ST}}^{\text{AP:0}} \frac{\text{[Year]}}{\text{[Year]}} + \text{Delay Time}_{\text{ST}}^{\text{AP:0}} \frac{\text{[Year]}}{\text{[Year]}} \right) * \text{Holding Cost \%}_{\text{UV}}^{\text{AP:0}} * \left(0.5 * \text{Activity Unit Cost}_{\text{ST}}^{\text{AP:0}} \frac{\text{[K\$]}}{\text{[K\$]}} + \sum_{\text{SUM}} \text{Path Unit Cost}_{\text{UAS}}^{\text{AP:0}} \frac{\text{[K\$]}}{\text{[K\$]}} \right)$$

Risk

	Example:
Risk Probability (%)	40%
Risk Detectability (1 to 10) – 10 is very hard to detect	4
Risk Severity (1 to 10) – 10 is very severe	6
Expected Impact (\$/Year) – Impact if risk event actually occurs	

$$\begin{aligned}
 \text{Risk Index Number} &= \frac{\text{Risk Probability}}{10} \times \text{Risk Detectability} \times \text{Risk Severity} \\
 &= \frac{40}{10} \times 4 \times 6 \\
 &= 96
 \end{aligned}$$

Step 3: Open the Quick Supply Network Stencil

1 Click the Open button in the toolbar. Select the Quick Supply Network Stencil and click OK.  Open

2 The Quick Supply Network stencil will open on the left.



Step 4: Set up the world map for the page

The image shows a software interface with a world map. The map is semi-transparent, allowing the blue background to show through. Three numbered callouts provide instructions:

- 1** Drag out the "World Map" shape from the eVSM v9.XX stencil.
- 2** Right-click on the map, and select "Format>Fill".
- 3** Change the Transparency to 30% and click OK.

A "Fill" dialog box is open in the bottom right corner, showing the following settings:

- Fill:** Color: [Color Picker], Pattern: 01: Solid, Pattern color: [Color Picker], Transparency: 30%
- Shadow:** Style: 00: None, Color: [Black], Pattern: 00: None, Pattern color: [Color Picker], Transparency: 0%

The dialog box also includes a "Preview" section showing a checkerboard pattern and buttons for "Apply", "OK", and "Cancel".

Step 5: Set colors (optional) and lock map

1 Note that you can use successive clicks to select countries and change fill color if you wish. Retain default colors for this tutorial.

2 In the Home tab of the Visio toolbar, click Layers>Layer Properties. Lock the world map layer.

Name	#	Visible	Print	Active	Lock	Snap	Glue	Color
ST_Callout	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ST_Sequence	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
WorldMap	158	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
WorldMapMask	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Step 6: Set up map locators

1 Drag out a Map Locator.

2 Type in a city or country.

3 Click Find to get the coordinates.

4 Click Place on Map to place the locator at those coordinates, then click OK.

5 Place locators on the map for Peoria, Cincinnati, Indianapolis, Miami, Cape Canaveral, Cape Town, and Durban.

6 Right-click any locator, and select "Hide Location Text on Map".

7 Make a screen capture of the map area of interest (you can use the windows snipping tool for this) and save the map file for future map updates. Open a new eVSM file and paste in the picture as a graphic on the page

Enter Location

Location

Miami Find

Latitude Longitude

25.7616798 -80.1917902

Place on Map OK

QuickSupplyNetwork

SCALE

e... X

Step 7: Lock the map image

1 Click on the world map image. Go to the “Home” tab in the Visio toolbar, click “Layers>Assign To Layer”. Assign the image to a new layer called “Image Map”.

2 Scale the image if needed by holding down the control key and moving the image corner. This preserves the aspect ratio.

3 Position the image and resize the page if needed (see step 2 for page resizing). Finally go to the “Home” tab in the Visio toolbar, click “Layers>Layer Properties”. Lock the “Image Map” layer. Repeat steps 1 to 3 for any other image fragments you want to put on the page.

Layer Properties

Name	#	Visible	Print	Active	Lock	Snap	Glue	Color
Image Map	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LatLonPt	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MJ_Icons	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ST_Callout	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ST_Sequence	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

New... Remove Rename... Layer color:

Remove unreferenced layers Transparency: 0%

Apply OK Cancel

QuickSupplyNetwork



Step 8: Initiate the map

1 Drag out the red icons from the Quick Supply Network stencil first. This is very important!

QuickSupplyNet

GLB DATA
GlobalT Data

\$
Map Data

Customer Center

A0010	all
Map Data	
Holding Cost %	10 %
Total Demand	100 Item Year

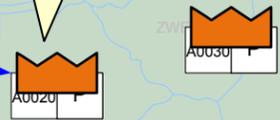
2 Enter the Holding Cost % and the Total Demand for the map.

4 Uncheck the visibility and print boxes for "PathList" and "TagLayer" and click OK.

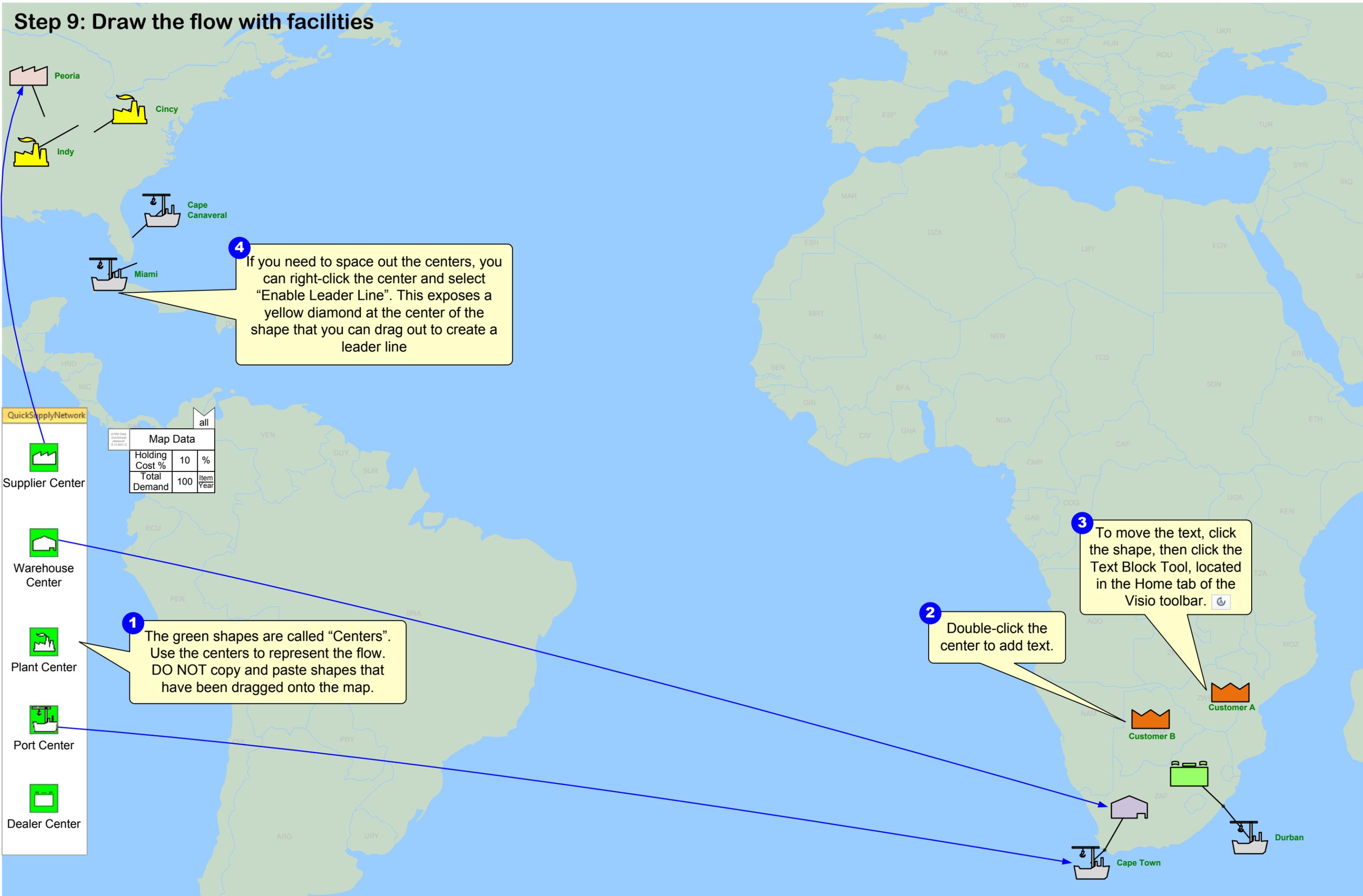
Name	#	Visible	Print	Active	Lock	Snap	Glue	Color
FilterPaths	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LatLonPt	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MJ_Icons	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PathList	6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ST_Callout	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ST_Sequence	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TagLayer	3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

New... Remove Rename... Layer color: [dropdown]
Remove unreferenced layers Transparency: [slider] 0%
Apply OK Cancel

3 To hide the operation tag and path list, go to the "Home" tab in the Visio toolbar, click "Layers>Layer Properties".



Step 9: Draw the flow with facilities



4 If you need to space out the centers, you can right-click the center and select "Enable Leader Line". This exposes a yellow diamond at the center of the shape that you can drag out to create a leader line

1 The green shapes are called "Centers". Use the centers to represent the flow. DO NOT copy and paste shapes that have been dragged onto the map.

2 Double-click the center to add text.

3 To move the text, click the shape, then click the Text Block Tool, located in the Home tab of the Visio toolbar.

- QuickSupplyNetwork
-  Supplier Center
 -  Warehouse Center
 -  Plant Center
 -  Port Center
 -  Dealer Center

Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year

Step 10: Finish the flow with transport



1 Drag out the transport shapes between each facility. To change any of the centers, use the right-mouse menu option of "Change Shapes" to select a different one.



QuickSupplyNetwork

all

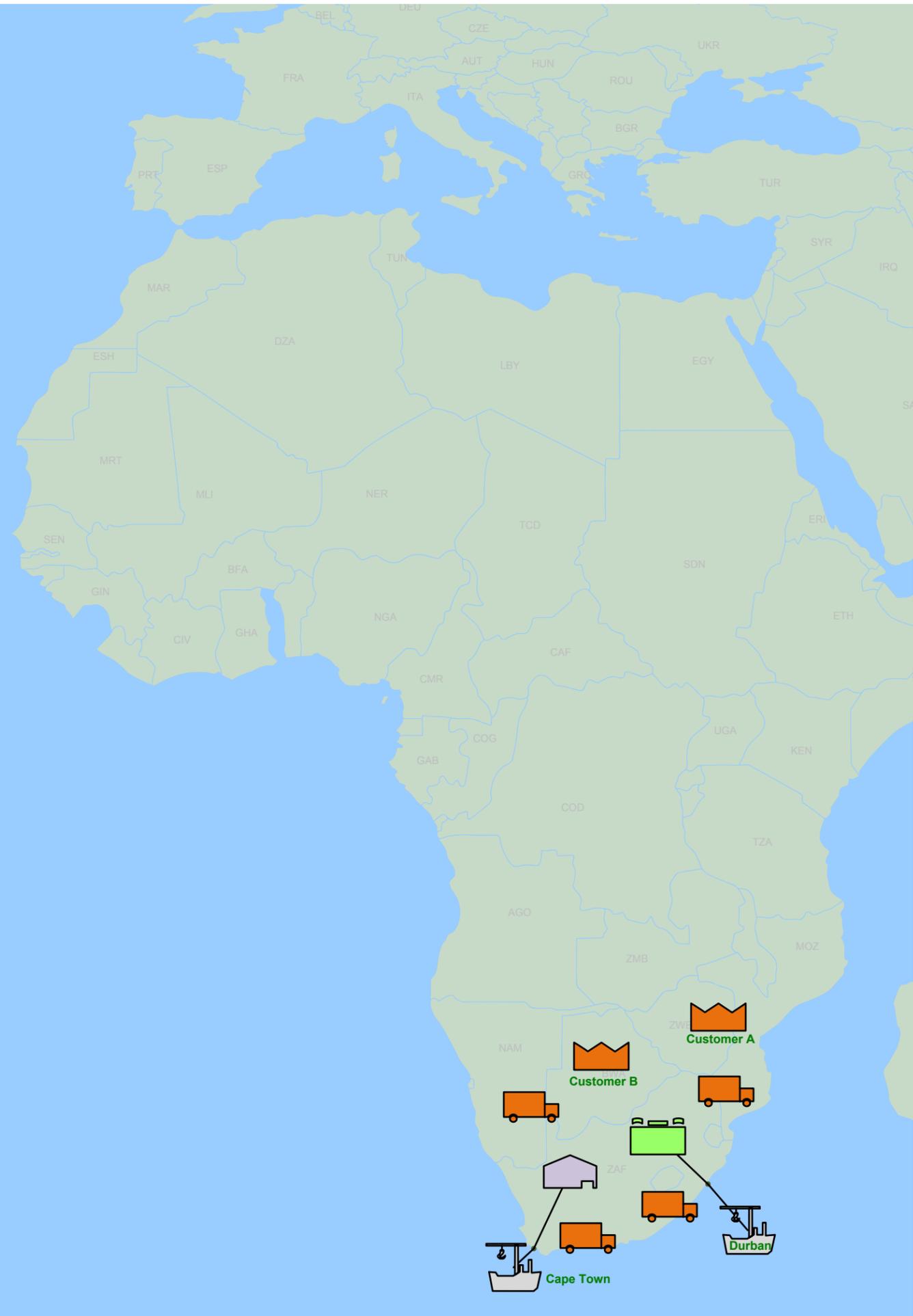
Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year



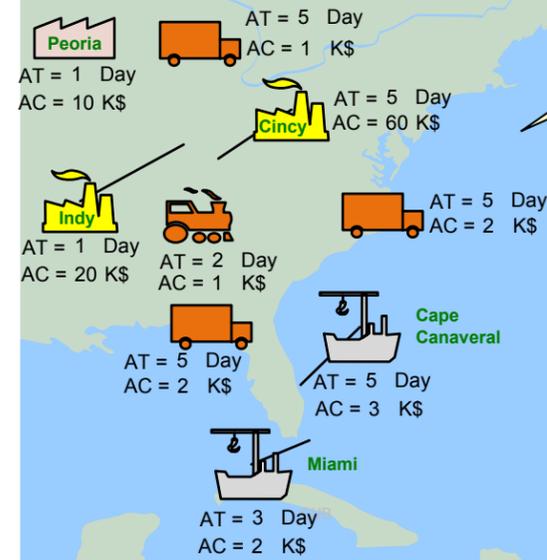
Land Center



Ocean Center



Step 11: Enter data



1 The data is shown using the new text gadget available in v9.
 AT = Activity Time
 AC = Activity Unit Cost
 DP = Demand Percent (at customer centers)

2 Use the "Views" button in the eVSM toolbar and ensure that only Activity Time, Activity Unit Cost, and Demand Percent are checked in the "Show in List Vars" column. This is to allow easy editing of the values in the List Variables dialog (next step)

3 Select a center and click the "List Variables" button in the eVSM toolbar to enter the data for each center. List Variables

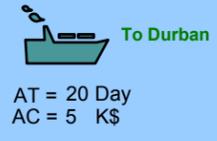
4 Double-click the variables "Activity Time", "Activity Unit Cost", and "Demand Percent" to enter the values for each center. The form can be active while moving from center to center though more than one click is sometimes necessary as you switch focus from form to page.

View Center Data

A0010

Activity Time x.xx Day

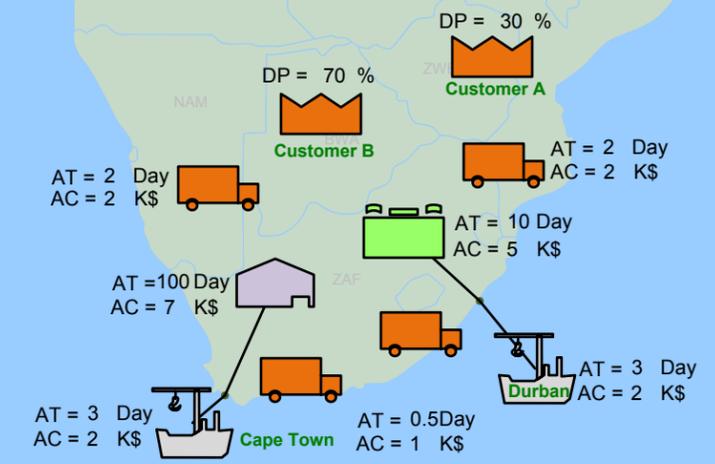
Activity Unit Cost 0 K\$



QuickSupplyNetwork

all

Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year

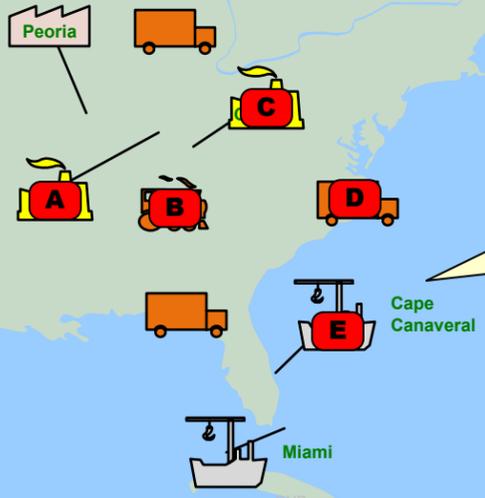


Step 12: Sequence Arrows

1 Note that we have used the gadget manager in the toolbar to temporarily hide the data values that we were being displayed using text gadgets

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

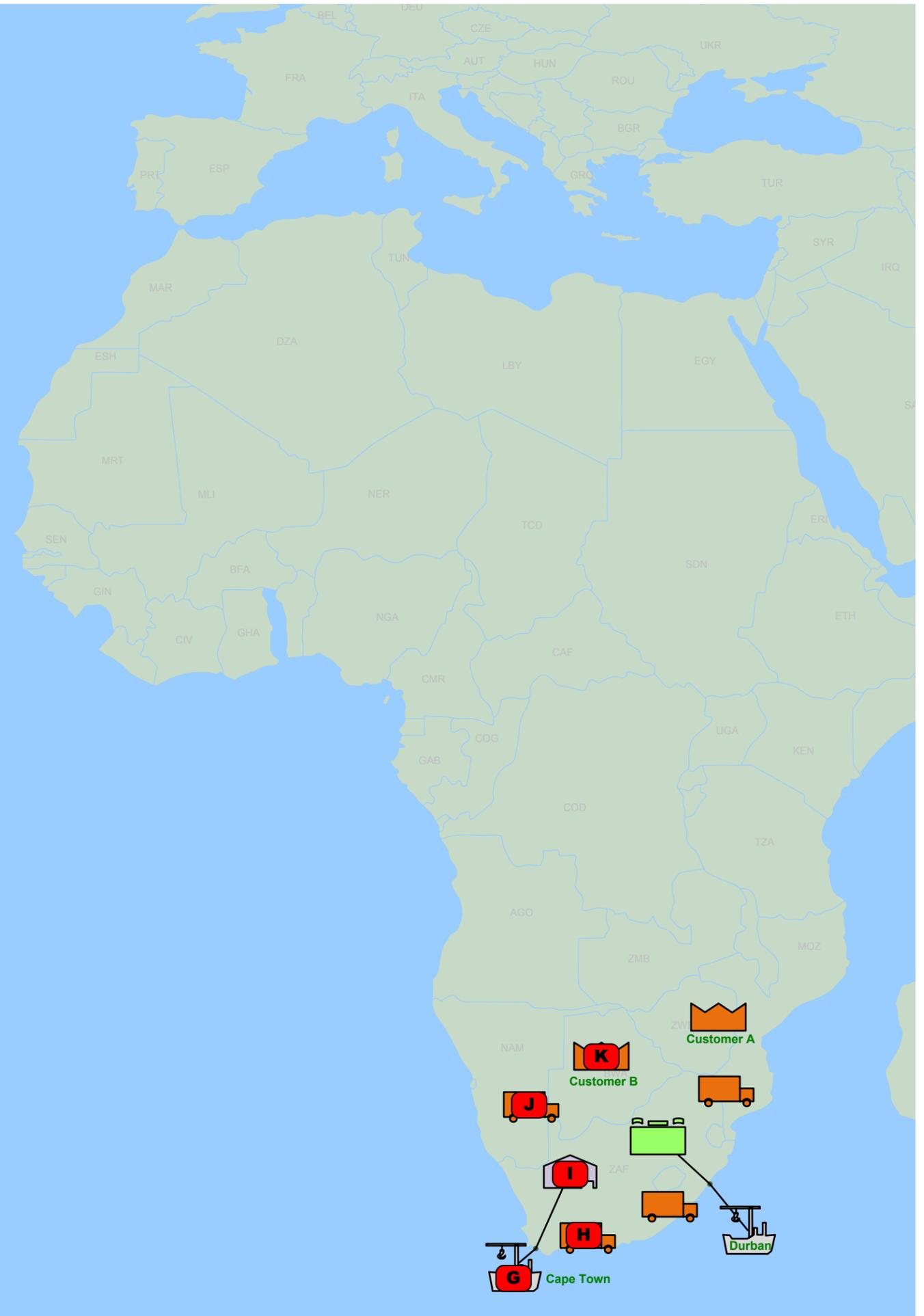
3 Click the Sequence button.  Sequence



QuickSupplyNetwork

all

Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year



Step 13: Sequence Arrows for the second path



1 The sequence arrows are now connecting path one.

2 For the second path, hold the SHIFT key and select the green shapes A to I in the order shown. Then click the Sequence button.  Sequence

3 Note that Customer centers should not have any outgoing Sequence Arrows, and must be the end points for any paths.

QuickSupplyNetwork

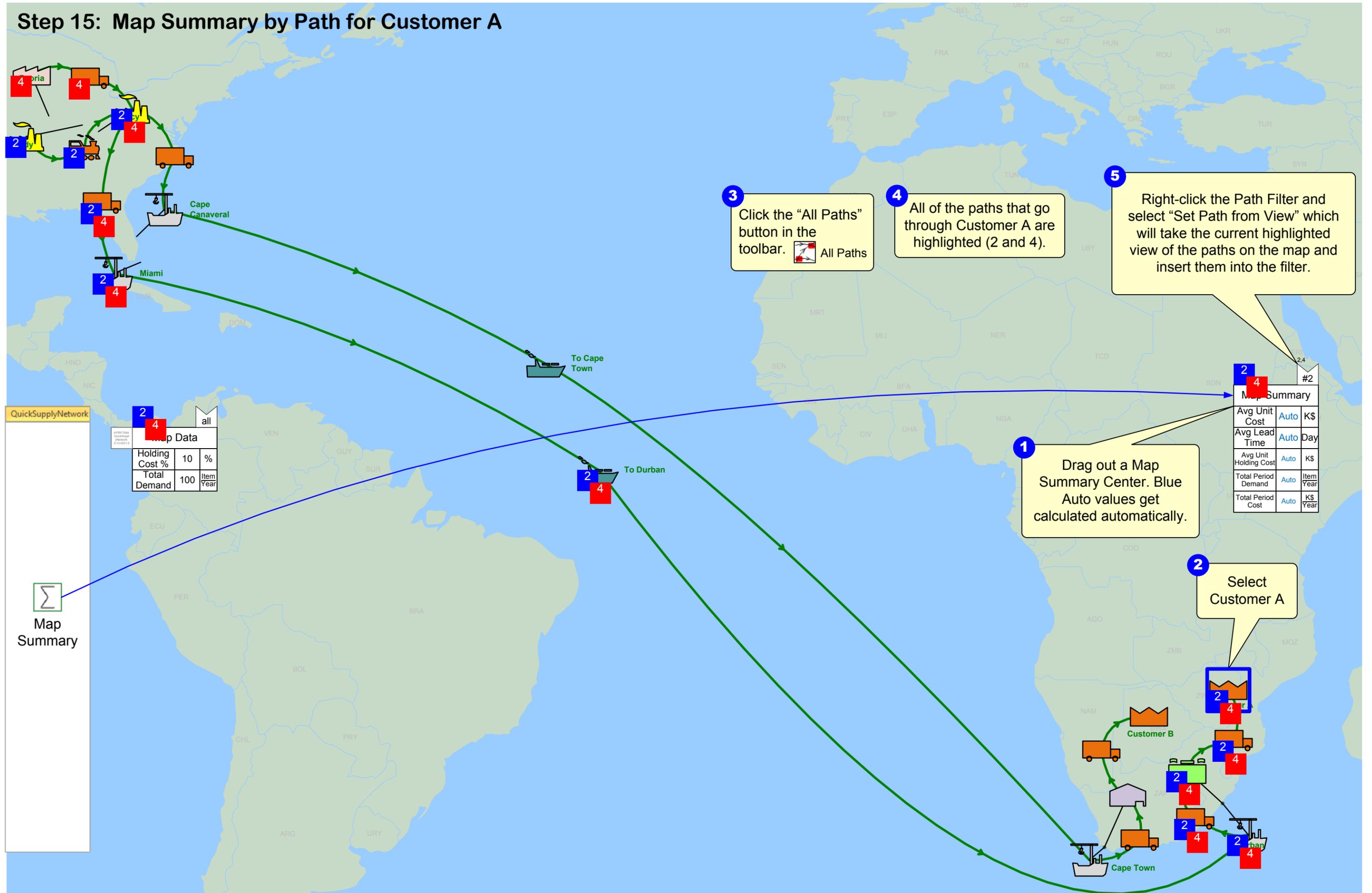
all

Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year

Step 14: Use Auto Path to Generate Path ID's based on Sequence Arrows



Step 15: Map Summary by Path for Customer A



3 Click the "All Paths" button in the toolbar.  All Paths

4 All of the paths that go through Customer A are highlighted (2 and 4).

5 Right-click the Path Filter and select "Set Path from View" which will take the current highlighted view of the paths on the map and insert them into the filter.

1 Drag out a Map Summary Center. Blue Auto values get calculated automatically.

2 Select Customer A

Map Data

Holding Cost %	10	%
Total Demand	100	Item Year

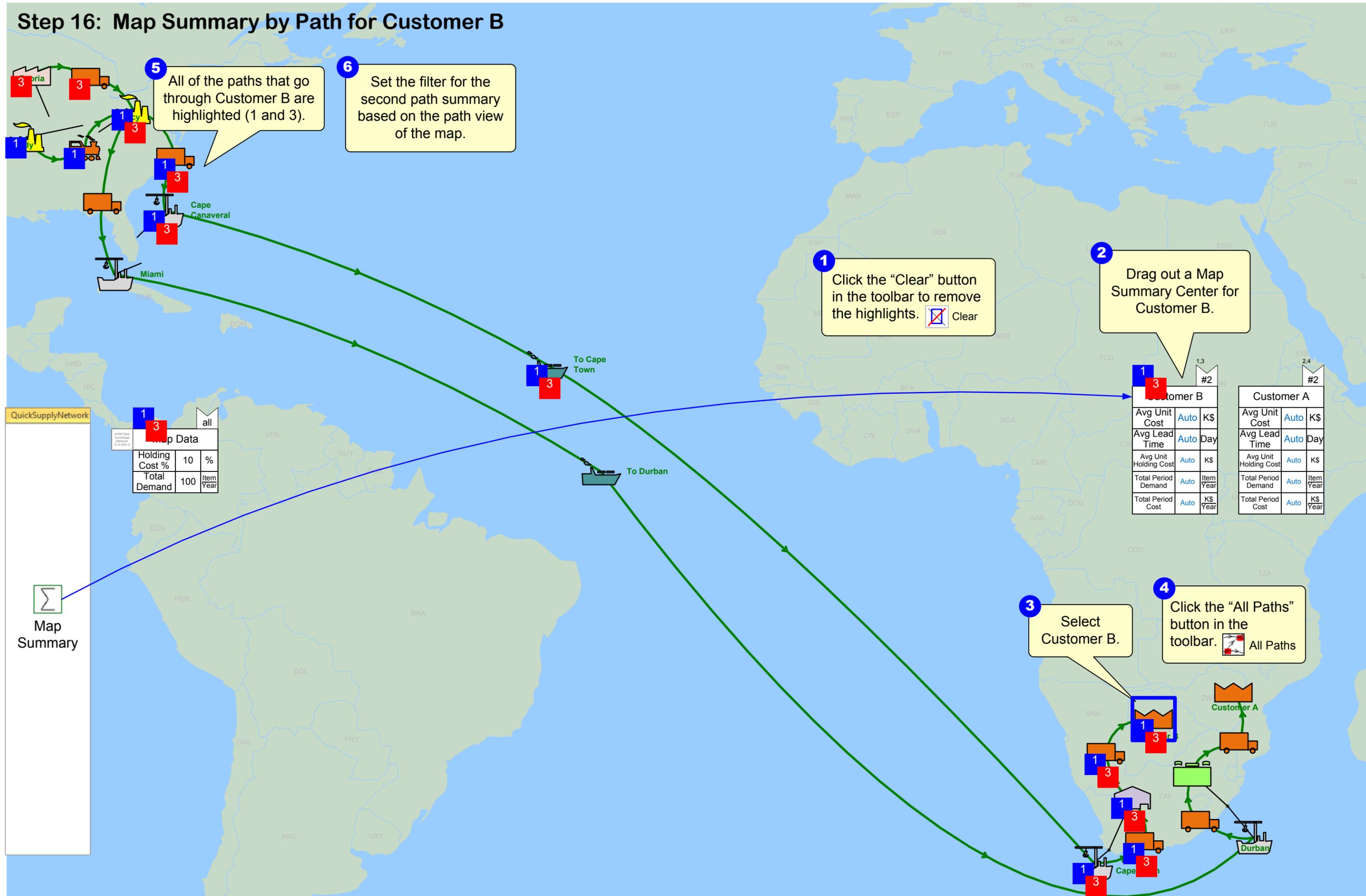
Map Summary

Avg Unit Cost	Auto	K\$
Avg Lead Time	Auto	Day
Avg Unit Holding Cost	Auto	K\$
Total Period Demand	Auto	Item Year
Total Period Cost	Auto	K\$ Year

QuickSupplyNetwork

 Map Summary

Step 16: Map Summary by Path for Customer B



5 All of the paths that go through Customer B are highlighted (1 and 3).

6 Set the filter for the second path summary based on the path view of the map.

1 Click the "Clear" button in the toolbar to remove the highlights. Clear

2 Drag out a Map Summary Center for Customer B.

3 Select Customer B.

4 Click the "All Paths" button in the toolbar. All Paths

QuickSupplyNetwork

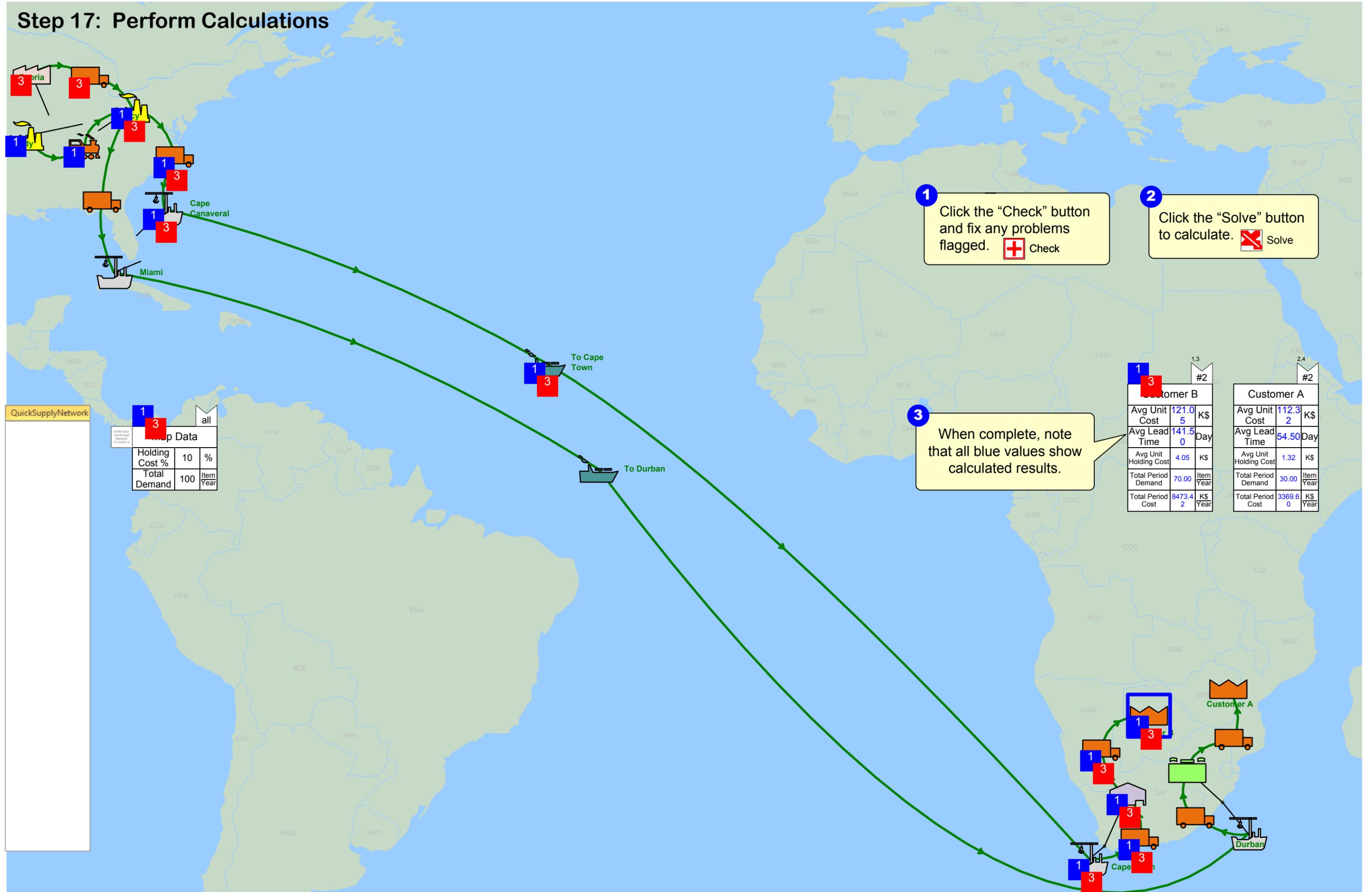
Map Summary

Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year

Customer B		
Avg Unit Cost	Auto	K\$
Avg Lead Time	Auto	Day
Avg Unit Holding Cost	Auto	K\$
Total Period Demand	Auto	Item Year
Total Period Cost	Auto	K\$ Year

Customer A		
Avg Unit Cost	Auto	K\$
Avg Lead Time	Auto	Day
Avg Unit Holding Cost	Auto	K\$
Total Period Demand	Auto	Item Year
Total Period Cost	Auto	K\$ Year

Step 17: Perform Calculations



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

2 Click the "Solve" button to calculate.  Solve

3 When complete, note that all blue values show calculated results.

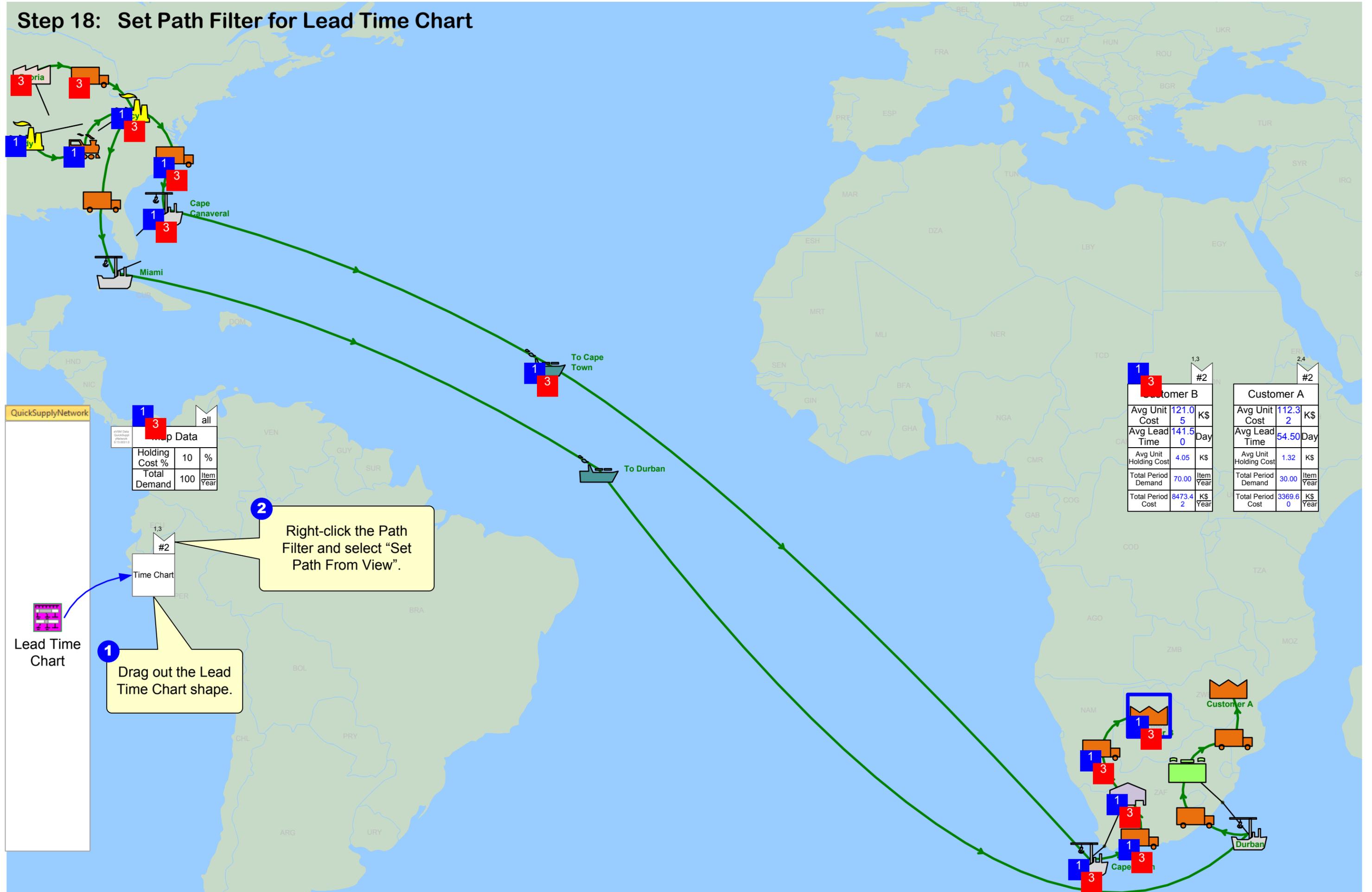
Setup Data		all
Holding Cost %	10	%
Total Demand	100	Item Year

Customer B		#2
Avg Unit Cost	121.0	K\$
Avg Lead Time	141.5	Day
Avg Unit Holding Cost	4.05	K\$
Total Period Demand	70.00	Item Year
Total Period Cost	8473.4	K\$ Year

Customer A		#2
Avg Unit Cost	112.3	K\$
Avg Lead Time	54.50	Day
Avg Unit Holding Cost	1.32	K\$
Total Period Demand	30.00	Item Year
Total Period Cost	3369.6	K\$ Year

QuickSupplyNetwork

Step 18: Set Path Filter for Lead Time Chart



QuickSupplyNetwork

Lead Time Chart

1	3	all
Setup Data		
Holding Cost %	10	%
Total Demand	100	Item Year

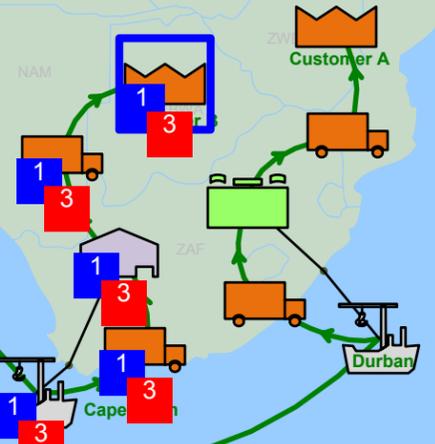
1,3	#2
Time Chart	

2 Right-click the Path Filter and select "Set Path From View".

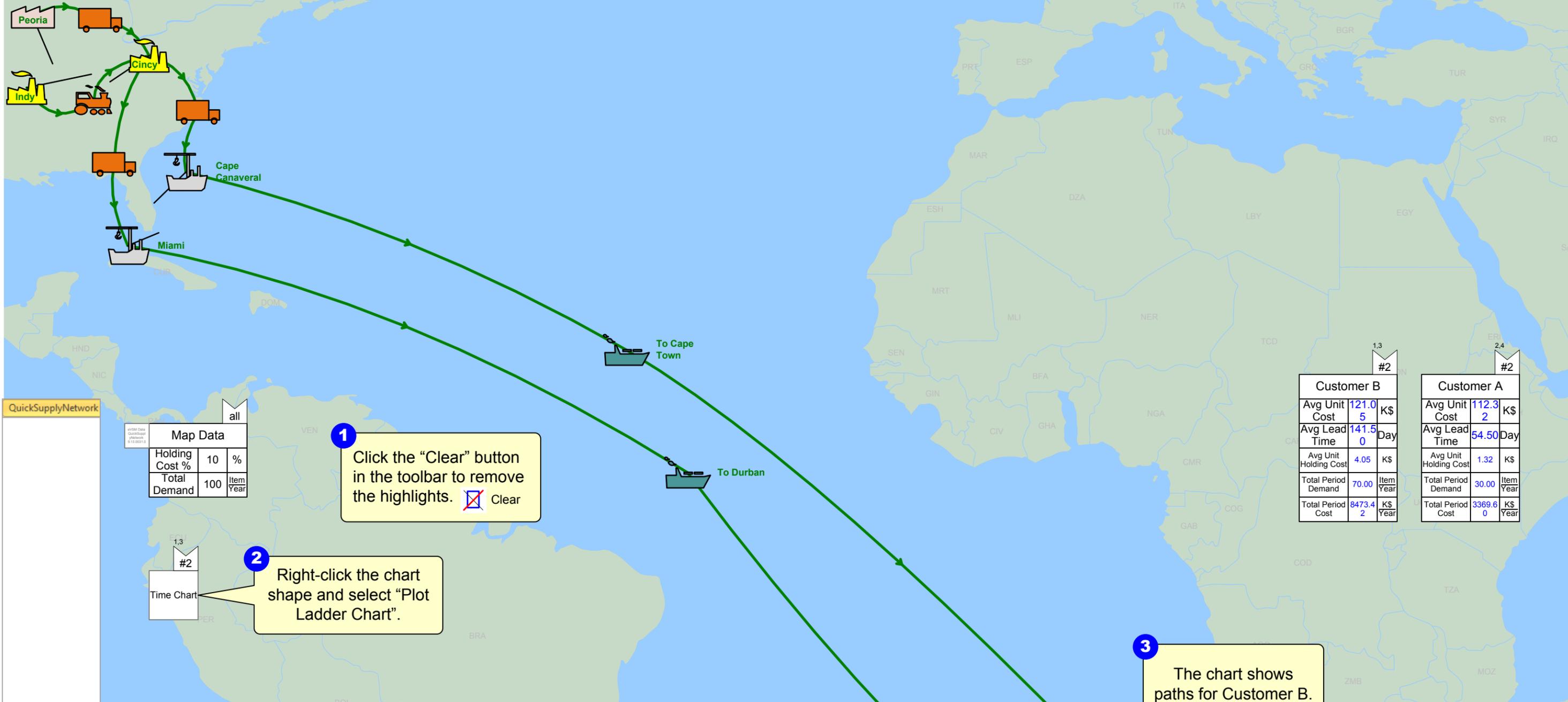
1 Drag out the Lead Time Chart shape.

1	3	1,3	#2
Customer B			
Avg Unit Cost	121.0	5	K\$
Avg Lead Time	141.5	0	Day
Avg Unit Holding Cost	4.05		K\$
Total Period Demand	70.00		Item Year
Total Period Cost	8473.4	2	K\$ Year

2,4	#2		
Customer A			
Avg Unit Cost	112.3	2	K\$
Avg Lead Time	54.50		Day
Avg Unit Holding Cost	1.32		K\$
Total Period Demand	30.00		Item Year
Total Period Cost	3369.6	0	K\$ Year



Step 19: Plot Lead Time Chart

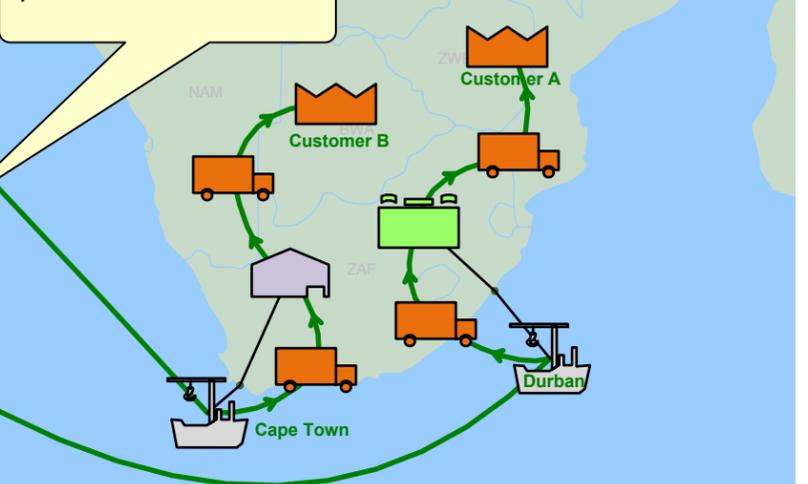
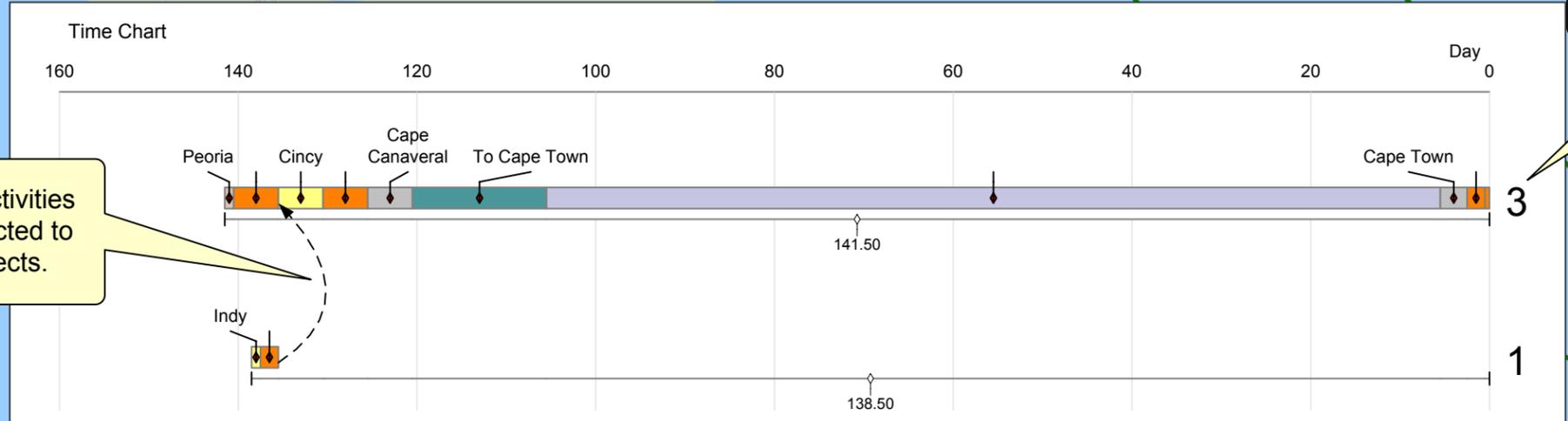


1 Click the "Clear" button in the toolbar to remove the highlights. Clear

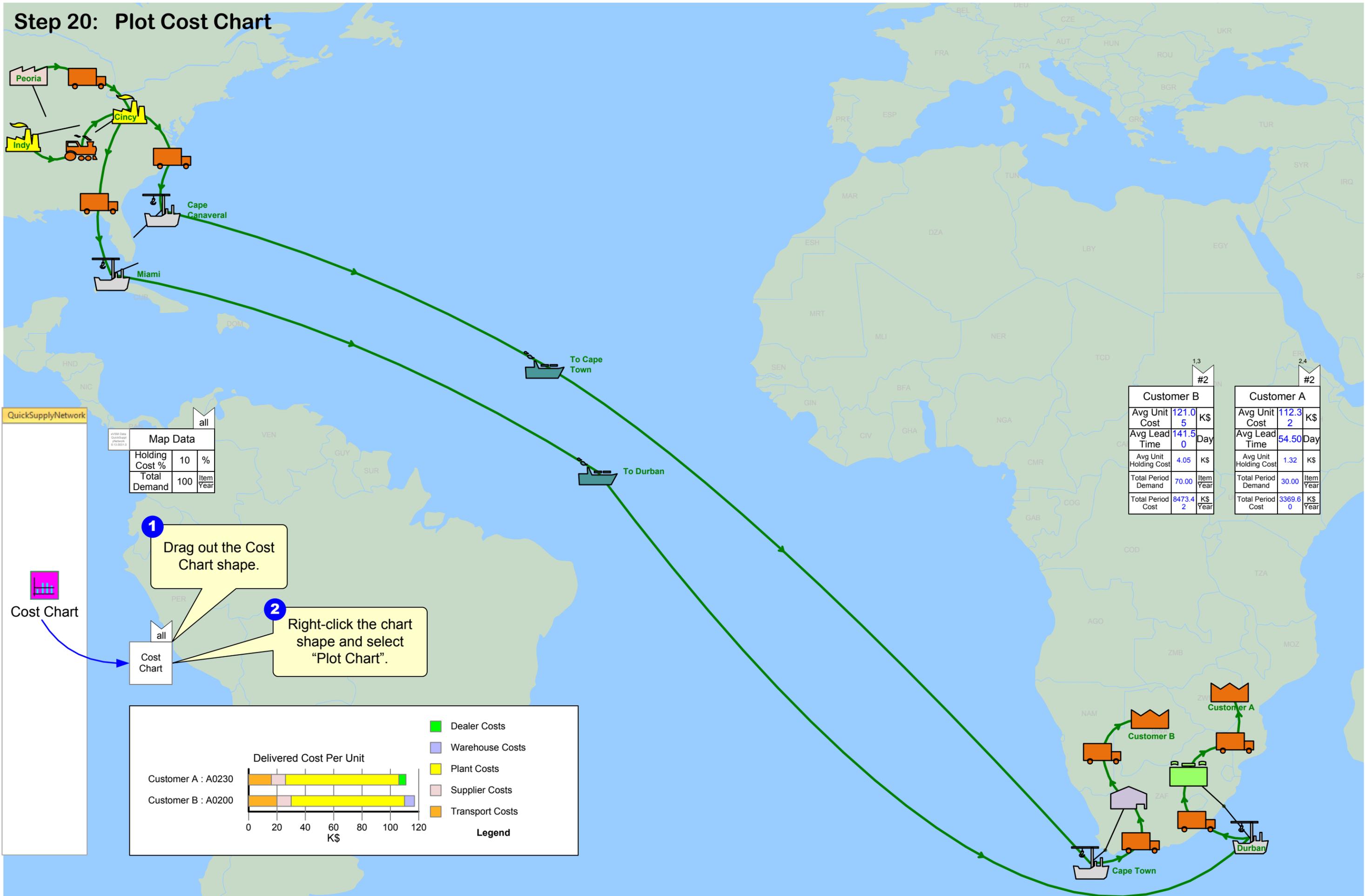
2 Right-click the chart shape and select "Plot Ladder Chart".

3 The chart shows paths for Customer B.

4 Duplicate downstream activities are removed, and connected to the path where it connects.



Step 20: Plot Cost Chart



QuickSupplyNetwork

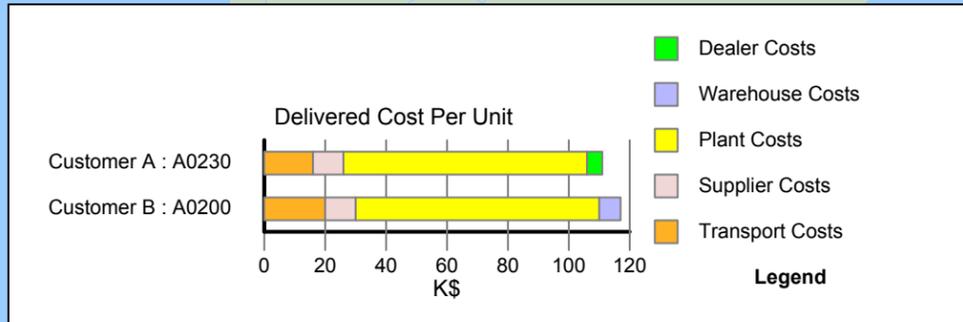
all

Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year

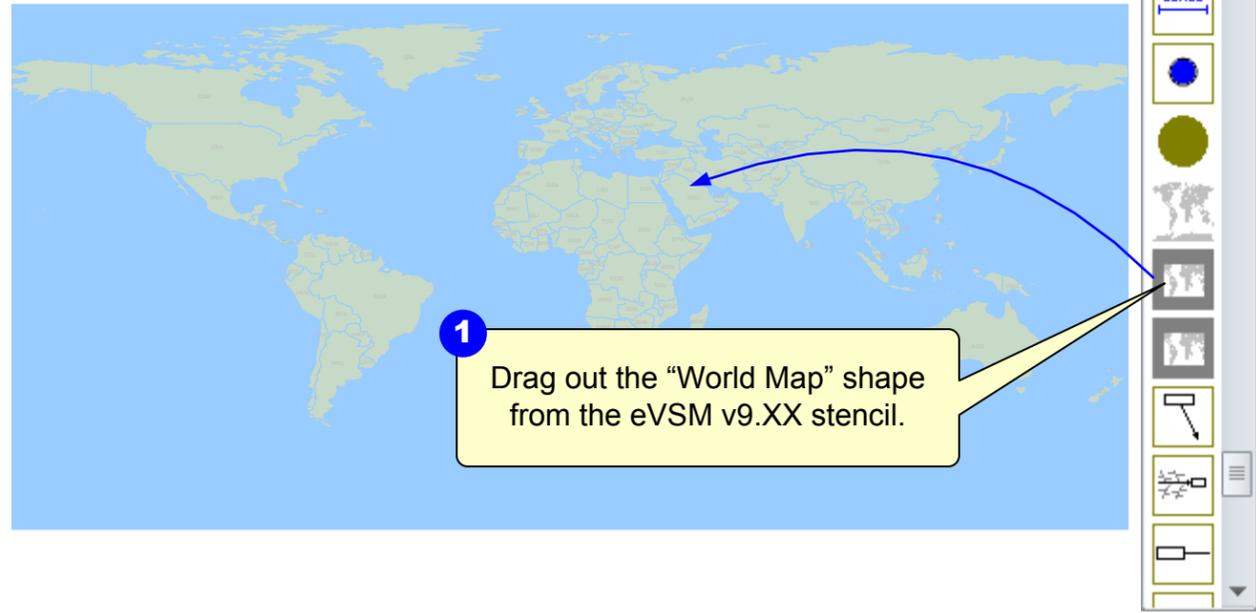
Customer B			Customer A		
Avg Unit Cost	121.0	K\$	Avg Unit Cost	112.3	K\$
Avg Lead Time	141.5	Day	Avg Lead Time	54.50	Day
Avg Unit Holding Cost	4.05	K\$	Avg Unit Holding Cost	1.32	K\$
Total Period Demand	70.00	Item Year	Total Period Demand	30.00	Item Year
Total Period Cost	8473.4	K\$ Year	Total Period Cost	3369.6	K\$ Year

1 Drag out the Cost Chart shape.

2 Right-click the chart shape and select "Plot Chart".



Appendix A : Uploading multiple locations on the map via Excel



2 Create an Excel spreadsheet of the various locations you would like to automatically place on the map with locators, like the example to the right.

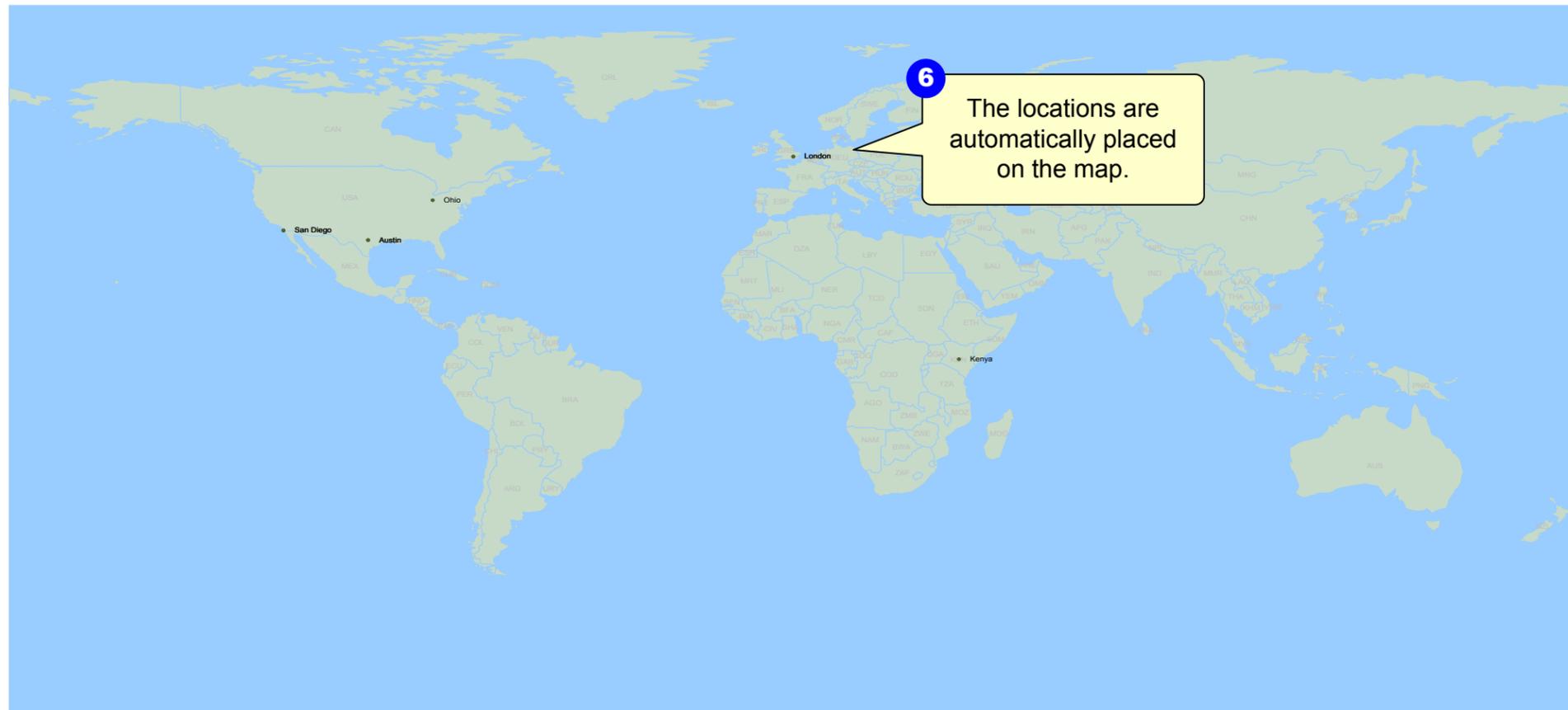
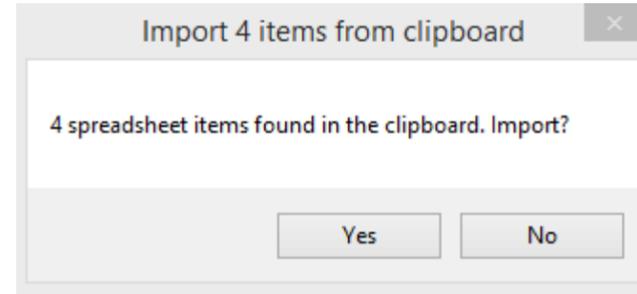
3 List all locations (city, state, or country) in column A.

	A
1	san diego
2	london
3	austin
4	ohio

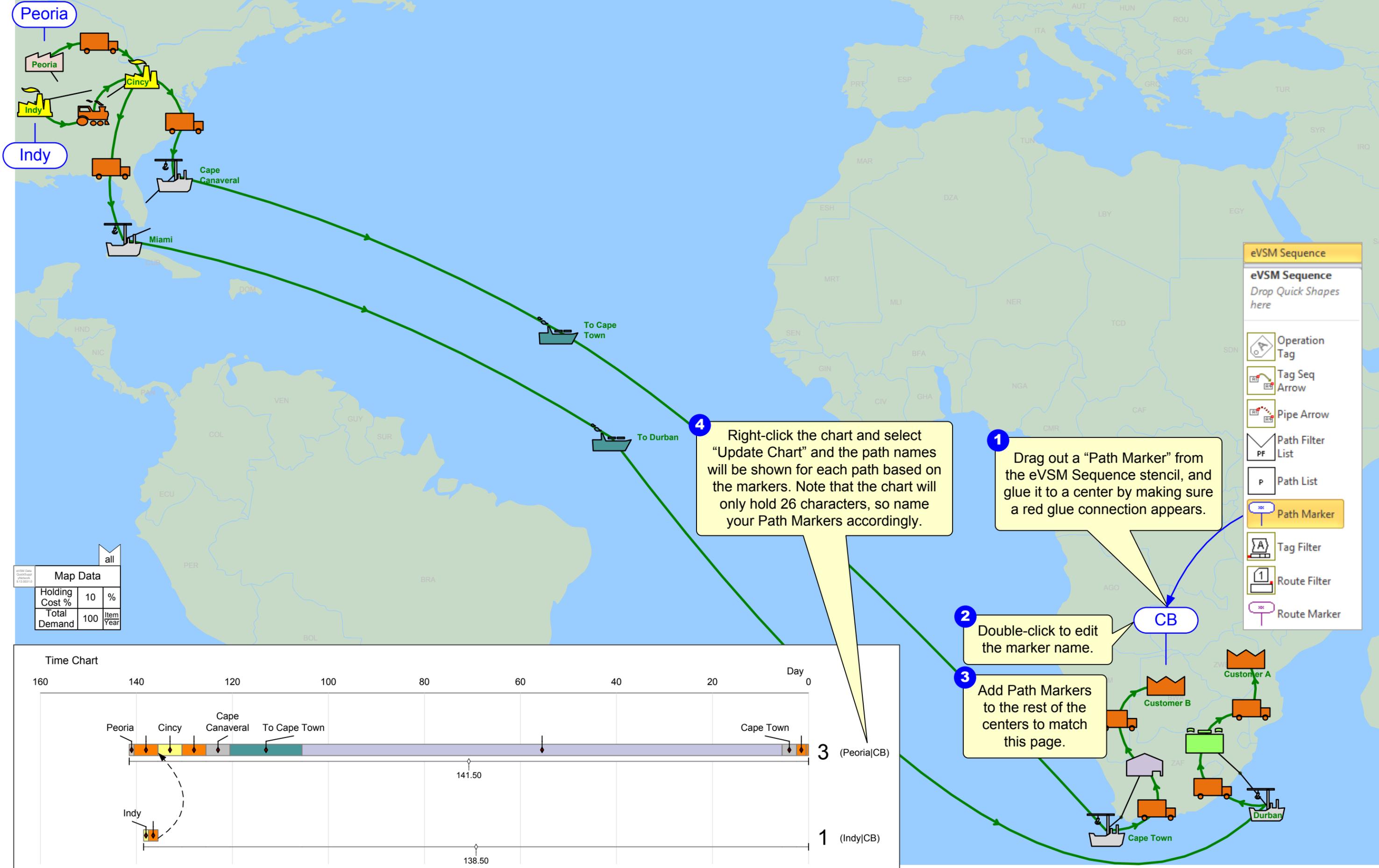
4 Copy the locations on the Excel sheet so that they are on your clipboard.

	A
1	san diego
2	london
3	austin
4	ohio

5 Right-click on the map and select "Import locations list". The dialog on the right will appear, prompting you to confirm to add the locations to the map.



Appendix B : Adding path markers to differentiate path names on the lead time chart



Appendix C : Creating Text gadgets to expose variables

7 Data for the center can also be edited via the gadget value by double-clicking the value.

6 Right-click the gadget again and choose "Create Gadgets by Example" to automatically create gadgets for the rest of the centers.

5 Right-click the gadget and select "Activate Gadget" where it will prompt you to choose which variable to use.

4 Select the gadget, and drag the yellow flying connector to the Center until a red glue connection appears.

3 Drag out the Text and Value Gadget, and place where you want the location for all gadgets to be. Use text edit on name (F2 key) to change to "Time="

2 variable for the gadget

Supplier Cost
Activity Unit Holding Cost
Activity Period Cost
Total Activity Unit Cost
Total Activity Time
Activity Time
Delay Time
Activity Unit Cost
Supplier Time
Cumulative Time
Activity Demand

Cancel OK

1 Gadgets can be used to visualize the data in different ways. The gadget shapes in the eVSM Visuals stencil have a red line under each one.

2 This stencil focuses on using the highlighted gadgets.

☆ Name = Value Unit

abc = xx Unit

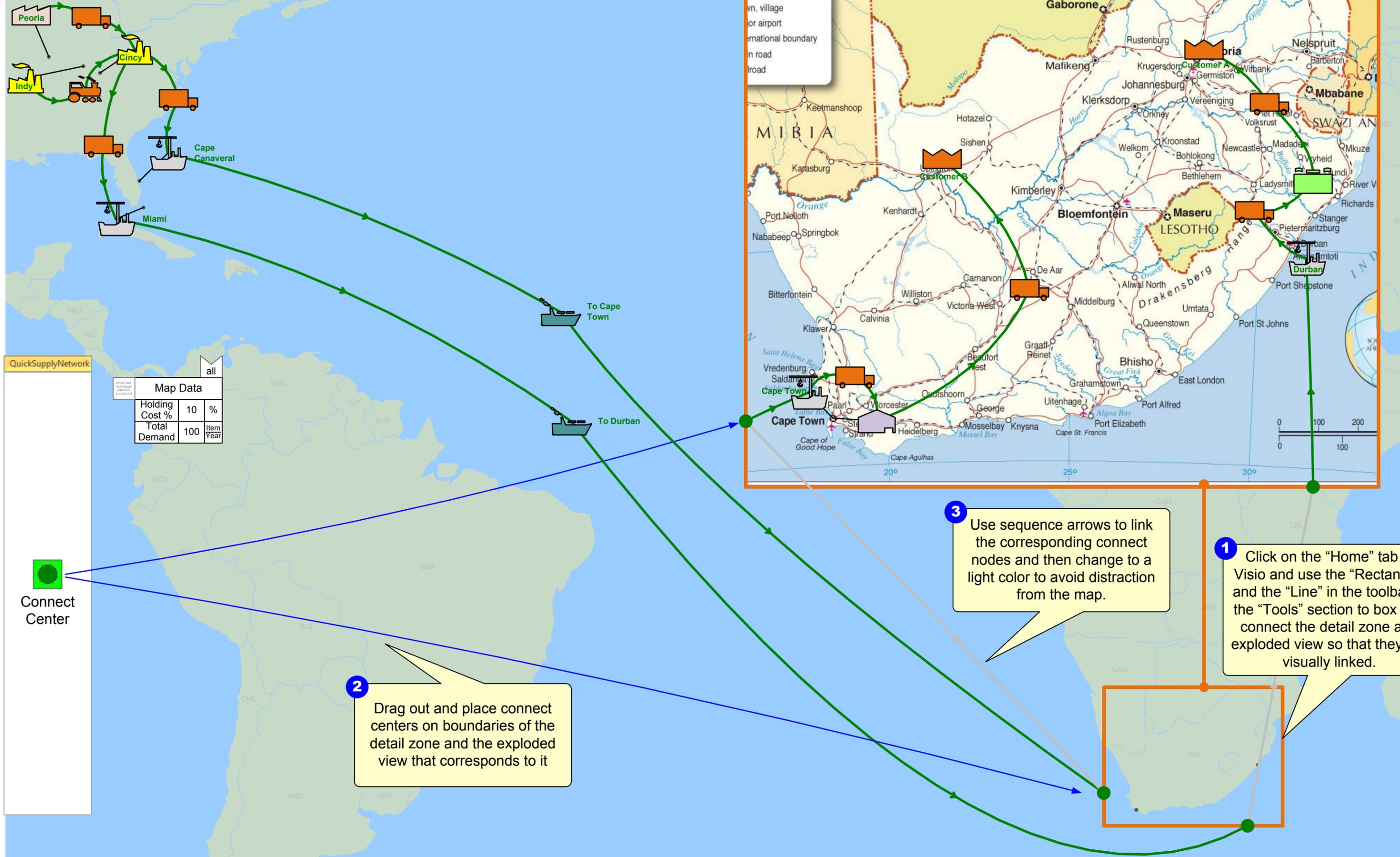
abc = xx

eVSM Visuals

- Conditional Color Gadget
- Bar Height Gadget
- Circle Area Gadget
- Tr. Area Gadget
- TBar Height Gadget
- Sq. Area Gadget
- Arc Angle Gadget
- Slider Percent Gadget
- Curve Tk Gadget
- Line Tk Gadget
- Image Text Gadget**
- Text and Value U...**
- Text and Value Gadget**

all		
Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year

Appendix D : Creating an Exploded View



QuickSupplyNetwork

all

Map Data		
Holding Cost %	10	%
Total Demand	100	Item Year

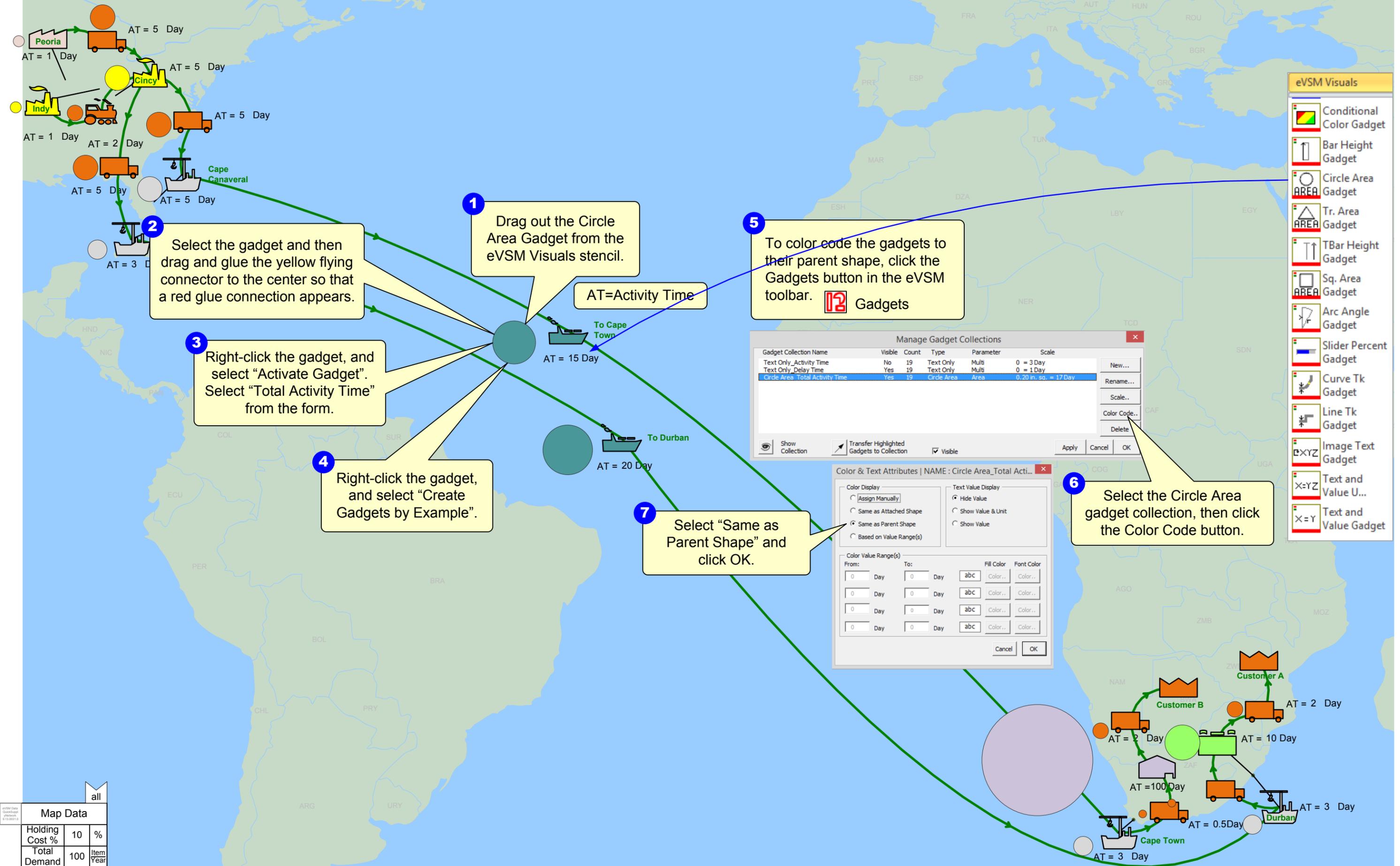
 Connect Center

2 Drag out and place connect centers on boundaries of the detail zone and the exploded view that corresponds to it

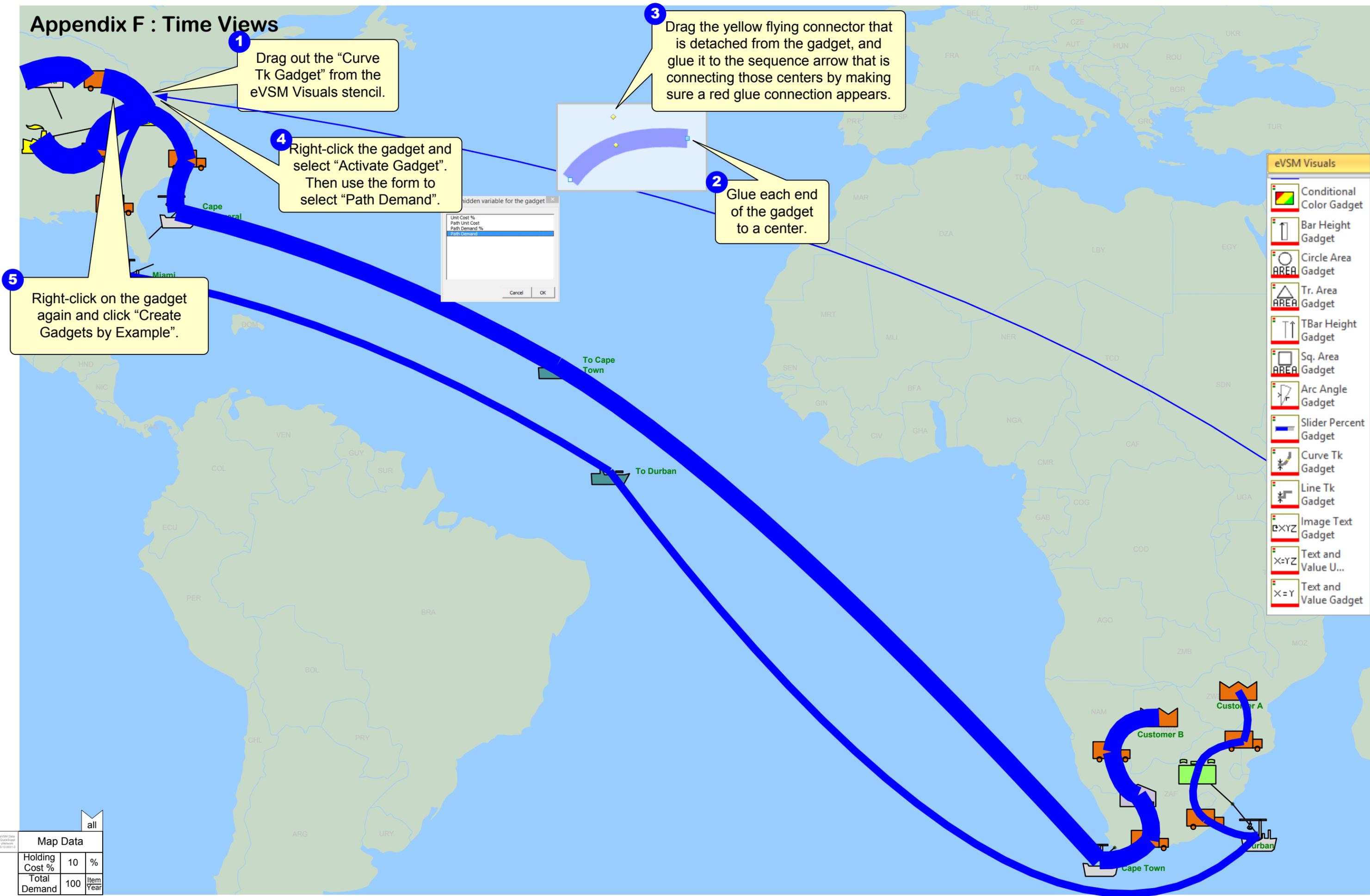
3 Use sequence arrows to link the corresponding connect nodes and then change to a light color to avoid distraction from the map.

1 Click on the "Home" tab in Visio and use the "Rectangle" and the "Line" in the toolbar in the "Tools" section to box and connect the detail zone and exploded view so that they are visually linked.

Appendix E : Time Views



Appendix F : Time Views



Appendix G : Managing Gadget Views

1 If you have multiple gadget collections on the map, you can use the Gadget Manager to change visibility settings, as well as scale and color coding. Click the Gadgets button in the eVSM Toolbar.  Gadgets

Manage Gadget Collections X

Gadget Collection Name	Visible	Count	Type	Parameter	Scale
Text Only_Activity Time	No	0	Text Only	Multi	0 = 3 Day
Text Only_Activity Unit Cost	No	0	Text Only	Multi	0 = 2 K\$
Curved Line_Path Demand	Yes	20	Curved Line	Thickness	0.30 in. = 100 Item/Year

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

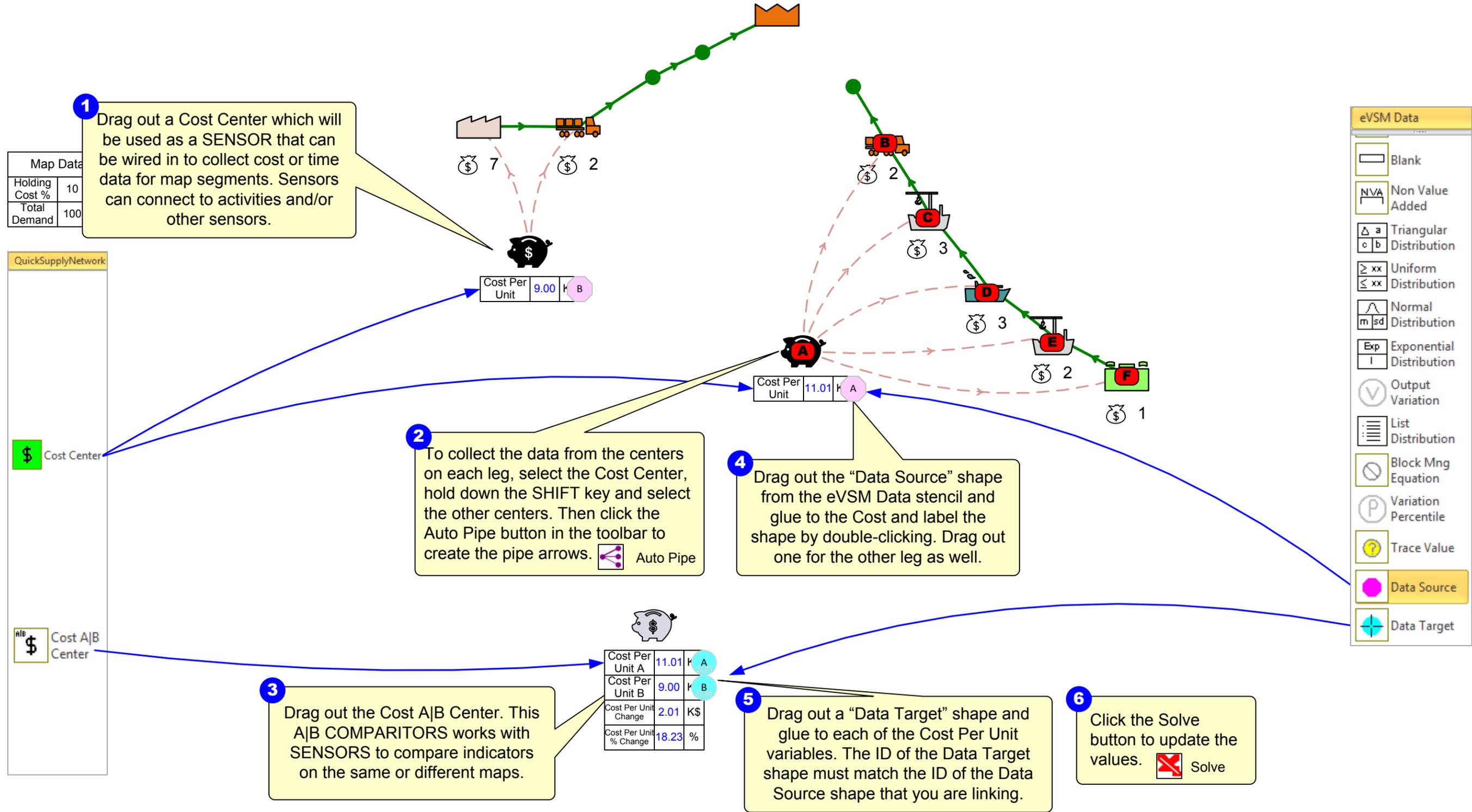
Show Collection Transfer Highlighted Gadgets to Collection Visible Apply Cancel OK

2 First select the gadget collection, then use this checkbox to hide or show the gadget on the page.

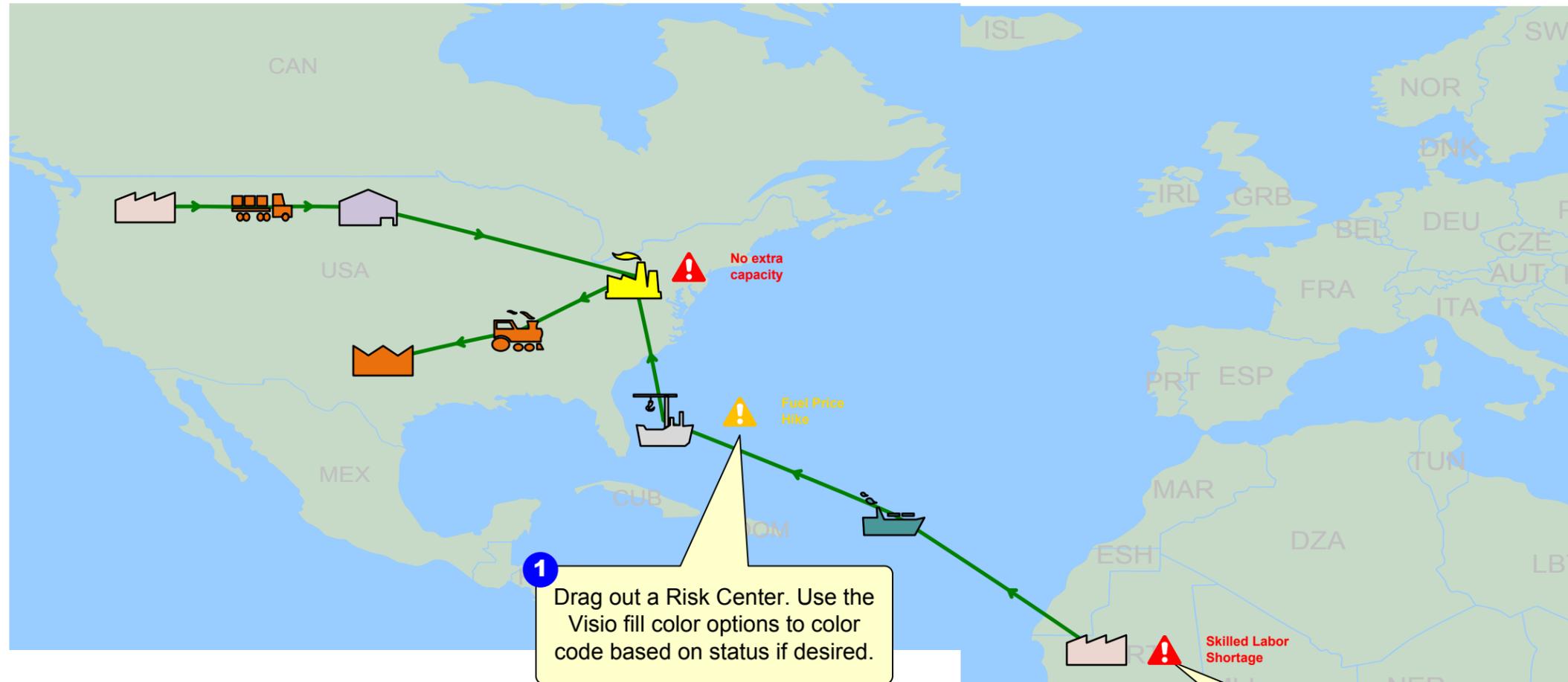
all		
Map Data		
Holding Cost %	10	%
Total Demand	100	Item/Year

eVSM Data QuickSupplyNetwork 8/13/2019

Appendix H : Sensors and Comparators



Appendix I : Risk



1 Drag out a Risk Center. Use the Visio fill color options to color code based on status if desired.

2 Click on the Risk Center, then click on the List Variables button in the eVSM Toolbar. Click "View all Variables" in the form and edit the black input values. List Variables

3 Click the "Solve" button to calculate.

QuickSupplyNetwork

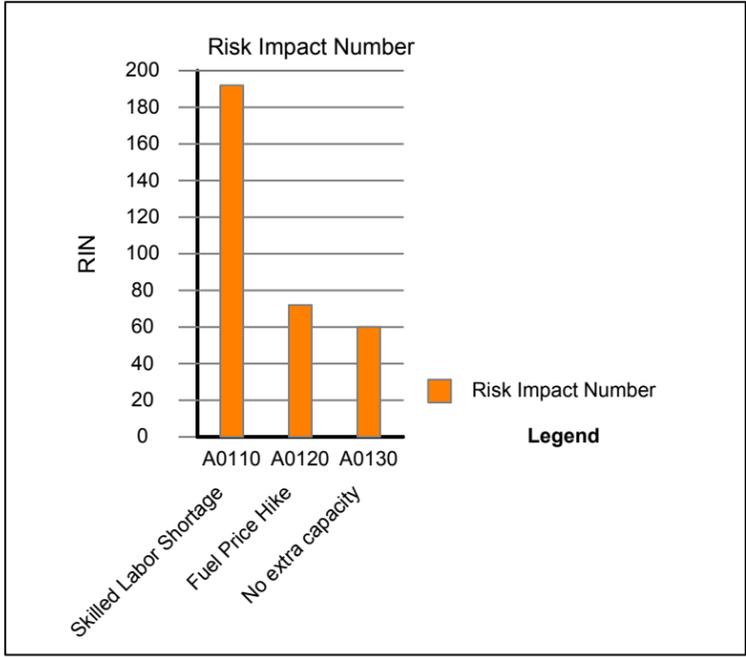
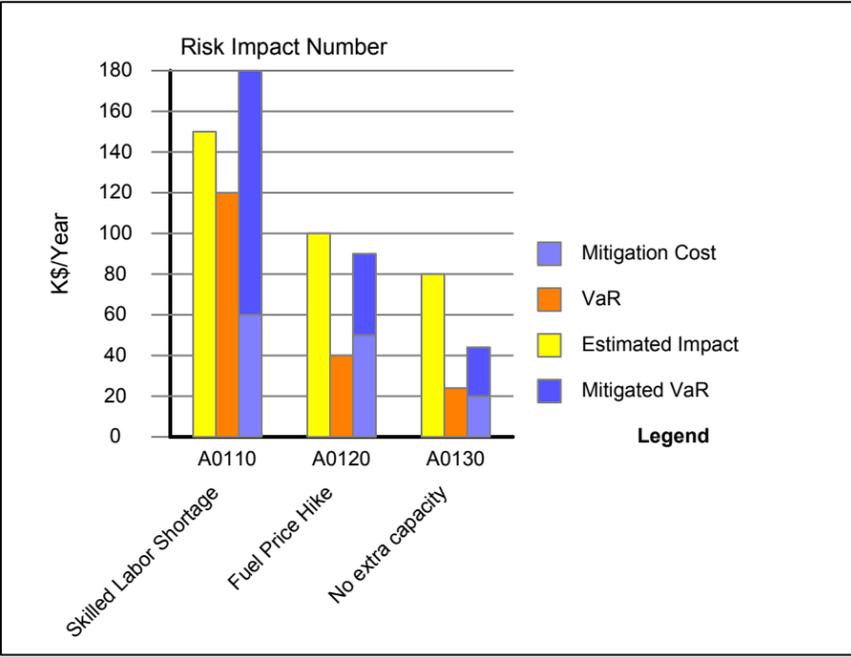
Risk Center

5 Drag out the Value At Risk shape and right-click to plot the chart.

Value At Risk

Risk Impact Number

4 Drag out the Risk Impact Number shape and right-click to plot the chart.



Map Data		
Holding Cost %	10	%
Total Demand	100	Item/Year

iVSM Data
Collection
Network
7-28-2012 2

