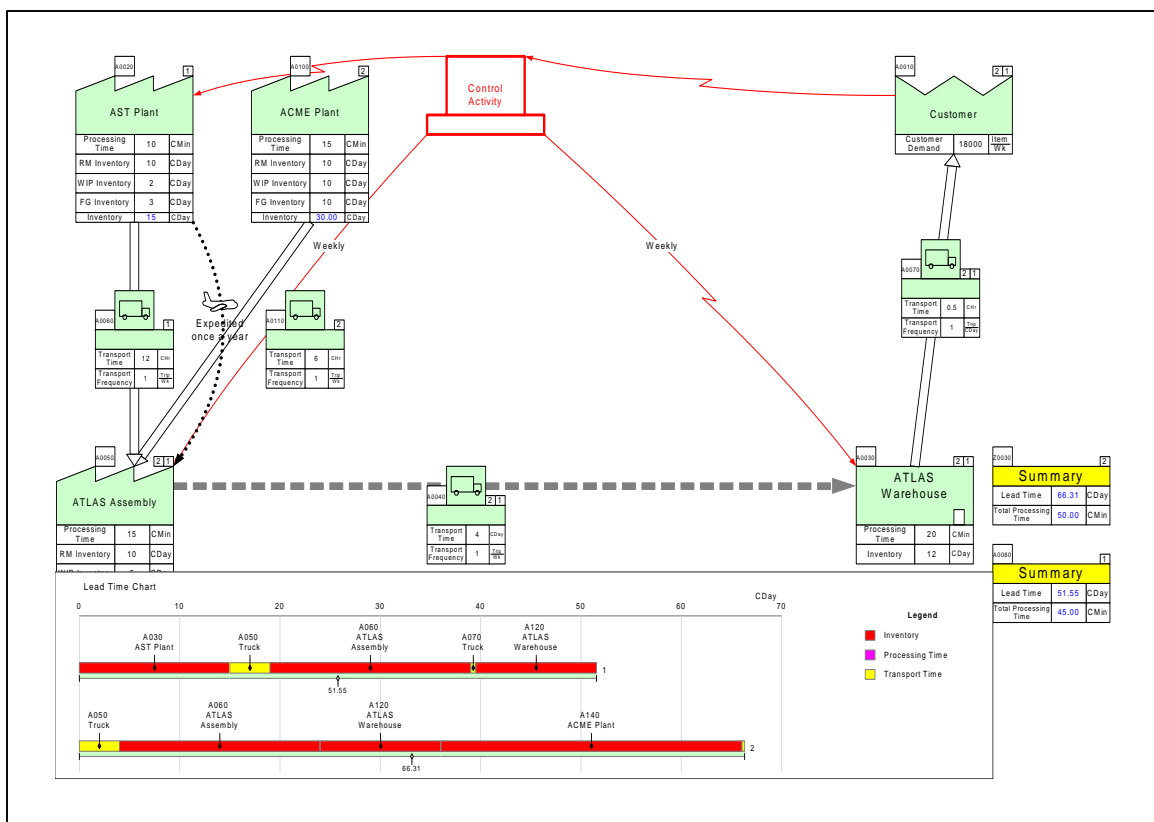


Quick Enterprise Tutorial

This tutorial will guide you through the steps to draw the following map using the Quick Enterprise stencil.



Step 1: Start eVSM

The diagram illustrates the process of starting eVSM. It begins with a desktop environment showing the Recycle Bin and the Start eVSM icon. A callout box labeled '1' points to the Start eVSM icon, stating: "On your Desktop, click the 'Start eVSM' icon." A second callout box labeled '2' points to the Start eVSM icon, stating: "If you see a message like this, you must 'Enable' macros." Below this, a screenshot of the Microsoft Visio Security Notice dialog box is shown. The dialog box contains the following text: "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." Below the text are two links: "More information" and "Show Signature Details". At the bottom of the dialog box are three buttons: "Trust all from publisher", "Enable Macros", and "Disable Macros". A callout box labeled '3' points to the "Enable Macros" button, stating: "Click to enable macros." A final callout box labeled '4' points to the "Trust all from publisher" button, stating: "Click 'Trust all from publisher' to avoid the security notice in future."

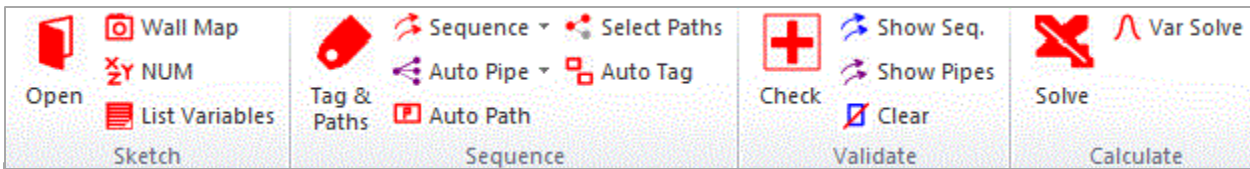
1 On your Desktop, click the "Start eVSM" icon.

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

3 Click to enable macros.

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

Step 2: Learn eVSM Basics



- Quick Enterprise
- Quick Enterprise LT
- Sketch Enterprise

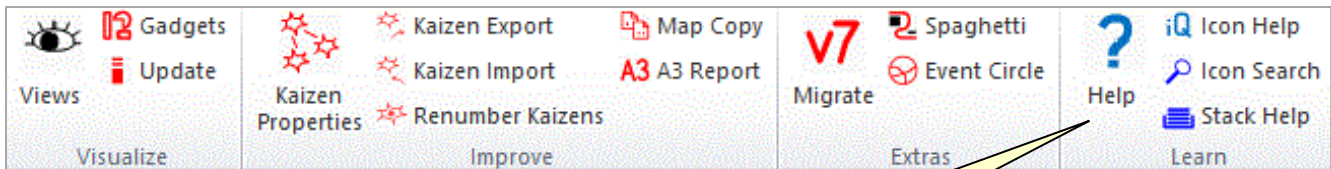
2 Avoid re-sizing eVSM shapes. Instead grow the drawing page when needed. To resize the page, hold down the “Ctrl” key, and then drag any page edge to the required size. This method works on all four edges of the page.



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

VSM

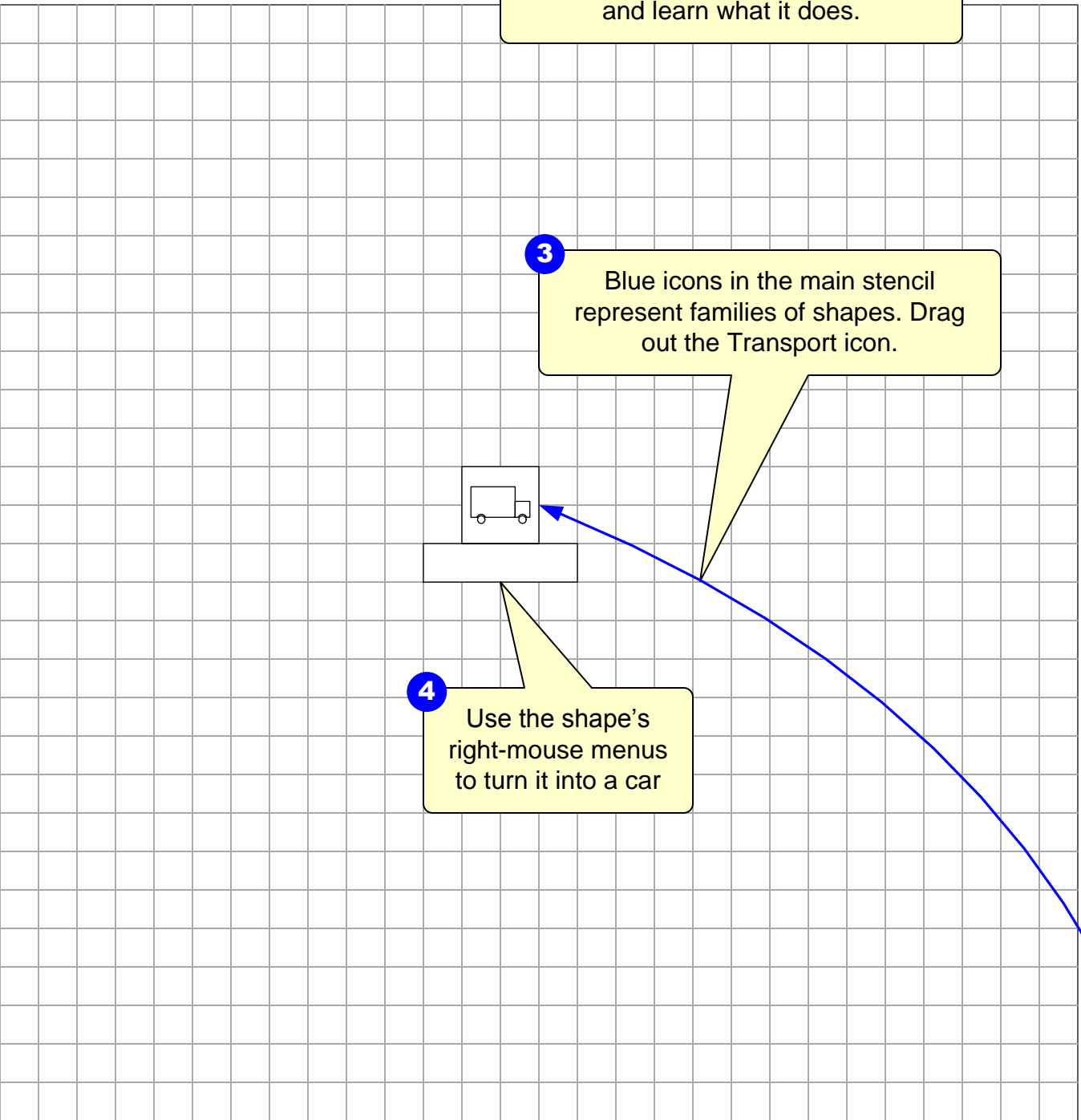
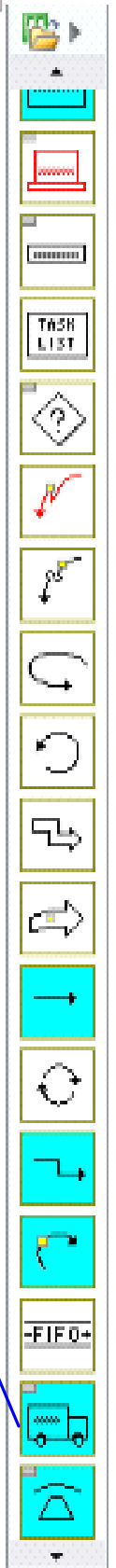
Quick_eVSM



1 eVSM Help resources are available here. Try clicking each help button and learn what it does.

3 Blue icons in the main stencil represent families of shapes. Drag out the Transport icon.

4 Use the shape's right-mouse menus to turn it into a car



















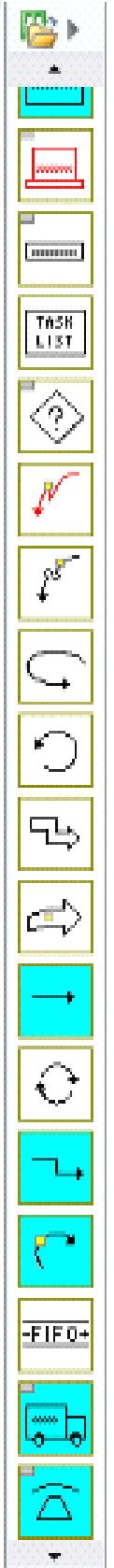
Step 3: Open the Quick Enterprise Stencil

The image shows a software interface with a toolbar at the top and a stencil list on the left. The toolbar contains various icons and labels: 'Open' (a red folder icon), 'Wall Map' (a camera icon), 'NUM' (a red 'X' icon), 'List Variables' (a red list icon), 'Sketch' (a red pencil icon), 'Tag & Paths' (a red tag icon), 'Auto Pipe' (a purple pipe icon), 'Auto Path' (a red square icon), 'Sequence' (a red arrow icon), 'Select Paths' (a red dot icon), 'Auto Tag' (a red square icon), 'Check' (a red plus icon), 'Show Seq.' (a blue arrow icon), 'Show Pipes' (a purple arrow icon), 'Clear' (a blue 'X' icon), 'Validate' (a blue checkmark icon), 'Solve' (a red 'X' icon), and 'Var Solve' (a red lambda icon). The stencil list on the left has three items: 'Quick Enterprise' (highlighted in yellow), 'Quick Enterprise LT', and 'Sketch Enterprise'. Two callout boxes are present: callout 1 points to the 'Open' button in the toolbar, and callout 2 points to the 'Quick Enterprise' and 'Sketch Enterprise' items in the stencil list.

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

2 The Quick and Sketch Enterprise stencils will open on the left.

 Views  Gadgets  Update Visualize	 Kaizen Properties  Kaizen Export  Kaizen Import  Renumber Kaizens Improve	 Map Copy  A3 Report 	 Migrate  Spaghetti  Event Circle Extras	 Help  Icon Help  Icon Search  Stack Help Learn
--	---	---	---	--



Step 4: Initiate the map for Quick Enterprise

Wall Map	Sequence ▾	Select Paths	Show Seq.	Var Solve
NUM	Auto Pipe ▾	Auto Tag	Show Pipes	
List Variables	Auto Path		Check	Solve
Sketch	Sequence	Validate	Calculate	

Quick Enterprise



Customer Center



Time and Unit Center

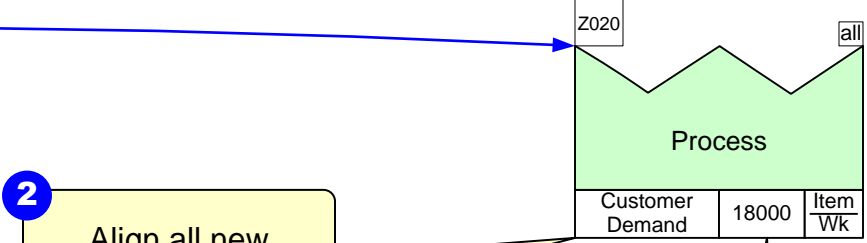
1 Drag out the red icons from the Quick Enterprise stencil first. This is very important!

4 This is the Time and Unit Center. Cday refers to Calendar days and Odays refers to Office days.

CDay	ODay	Wk	Wk
24	8	7	5
CHr	Ohr	CDay	ODay

v12M Data
QuickMap
File
7.22.2020.9

Views	Gadgets Update	Kaizen Properties Kaizen Export Kaizen Import Renumber Kaizens	Map Copy A3 A3 Report	v7 Migrate Spaghetti Event Circle	Help Icon Help Icon Search Stack Help
Visualize		Improve		Extras	Learn



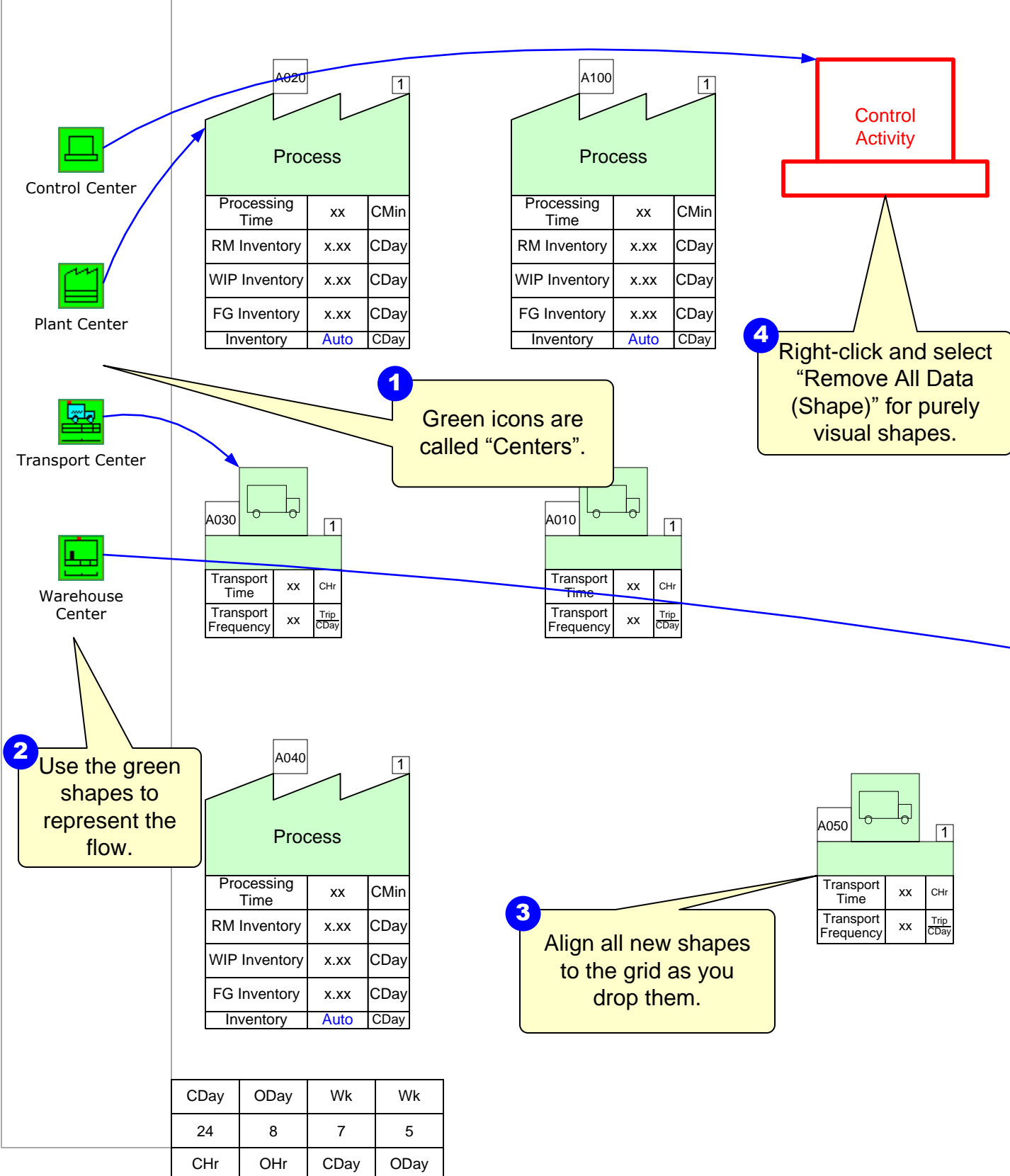
2 Align all new shapes to the grid as you drop them.

3 Enter customer demand here.

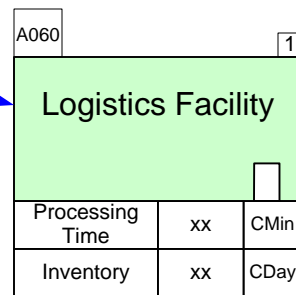
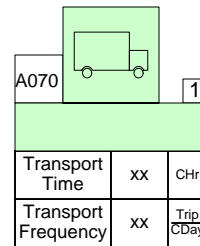
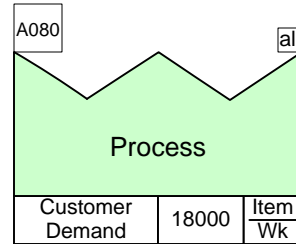
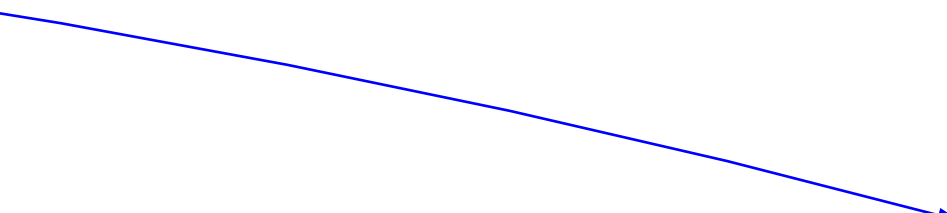
Step 5: Draw the flow

Wall Map	Sequence ▾	Select Paths	Show Seq.	Var Solve
Open	Auto Pipe ▾	Auto Tag	Show Pipes	Solve
List Variables	Tag & Paths	Auto Path	Clear	Calculate
Sketch	Sequence	Validate		

Quick Enterprise



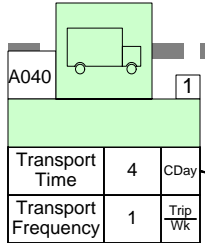
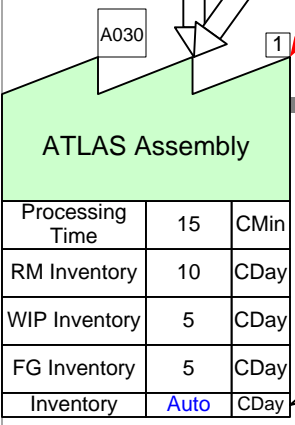
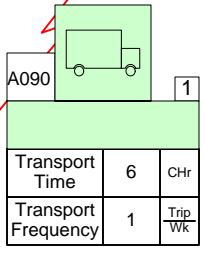
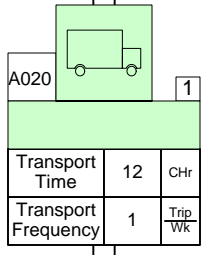
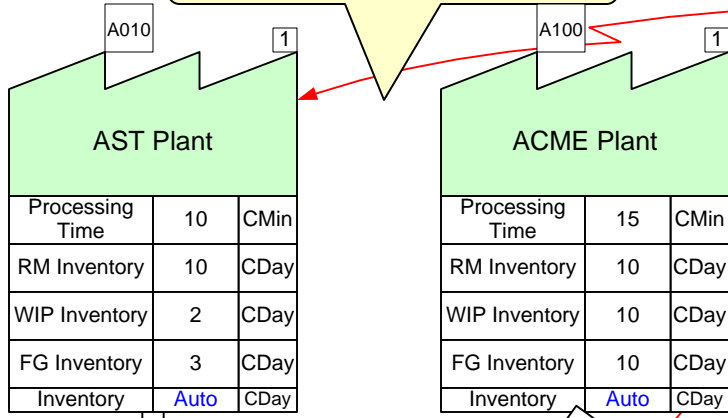
Views	Gadgets Update	Kaizen Properties Kaizen Export Kaizen Import Renumber Kaizens	Map Copy A3 A3 Report	v7 Migrate Spaghetti Event Circle	Help Icon Help Icon Search Stack Help Learn
Visualize		Improve		Extras	

Step 6: Complete the flow and enter data

Open	Wall Map	Sequence	Select Paths	+	Show Seq.	Var Solve
NUM	Tag & Paths	Auto Pipe	Auto Tag	+	Show Pipes	Solve
List Variables	1			+		Calculate
Sketch				+		

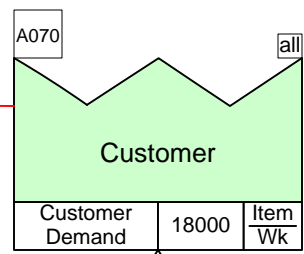
1 Complete drawing the map as shown below, including annotation and data values.



2 Do not change any blue "Auto" values. These will get calculated automatically later.

CDay	ODay	Wk	Wk
24	8	7	5
CHr	OHr	CDay	ODay

Gadgets	Kaizen Export	Map Copy	Spaghetti	Icon Help
Update	Kaizen Import	A3 Report	Event Circle	Icon Search
Views	Kaizen Properties	Renumbr Kaizens	Help	Stack Help
Visualize	Improve	Extras	Learn	

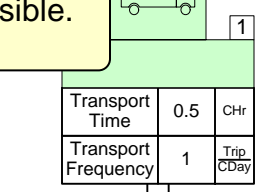


3 Drag the arrows from the Main stencil on left. Glue all arrows at both ends where possible.

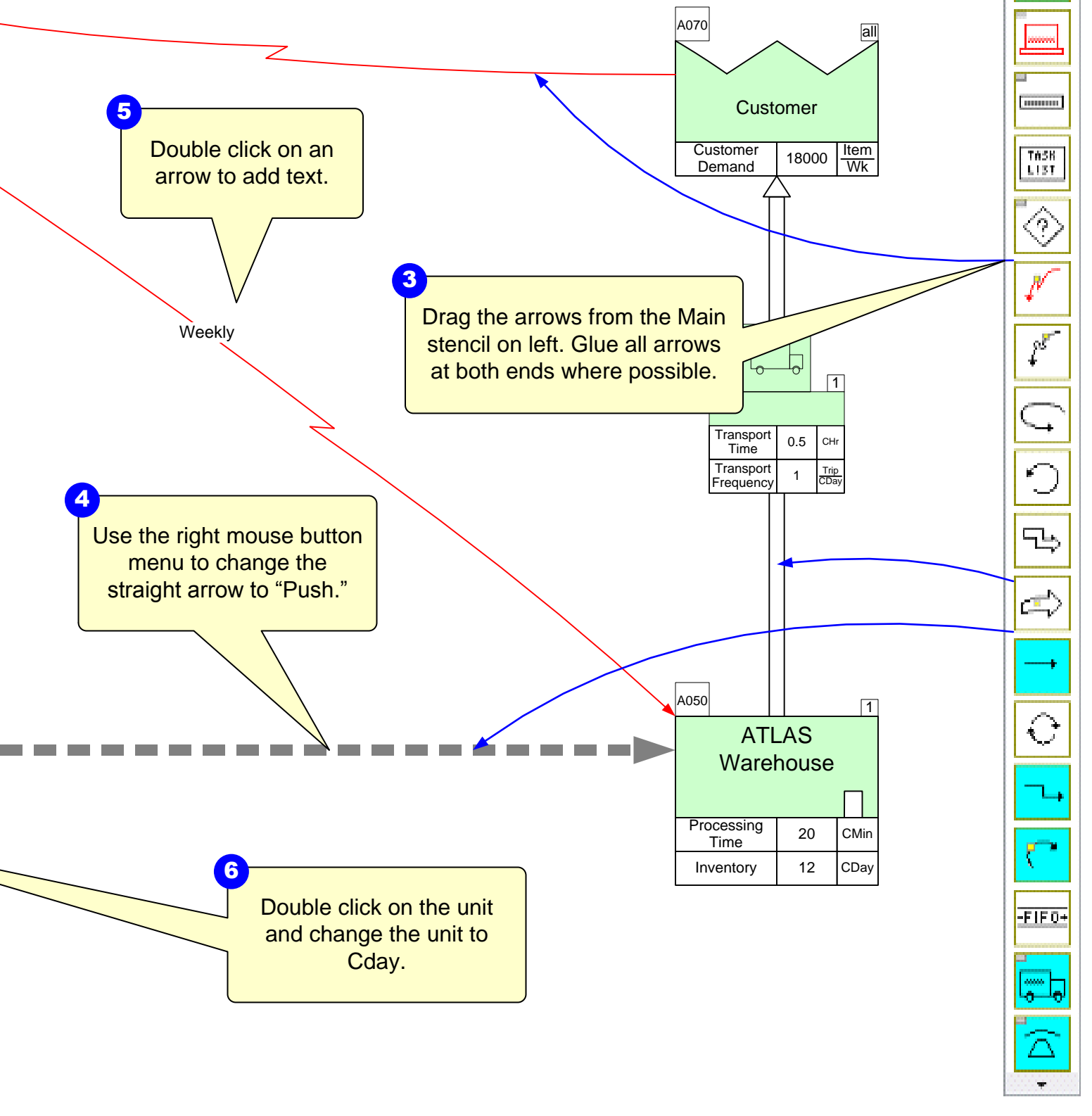
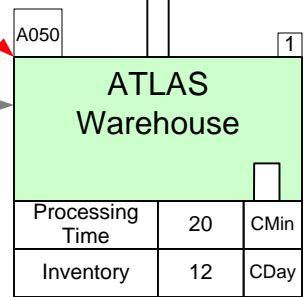
5 Double click on an arrow to add text.

Weekly

4 Use the right mouse button menu to change the straight arrow to "Push."



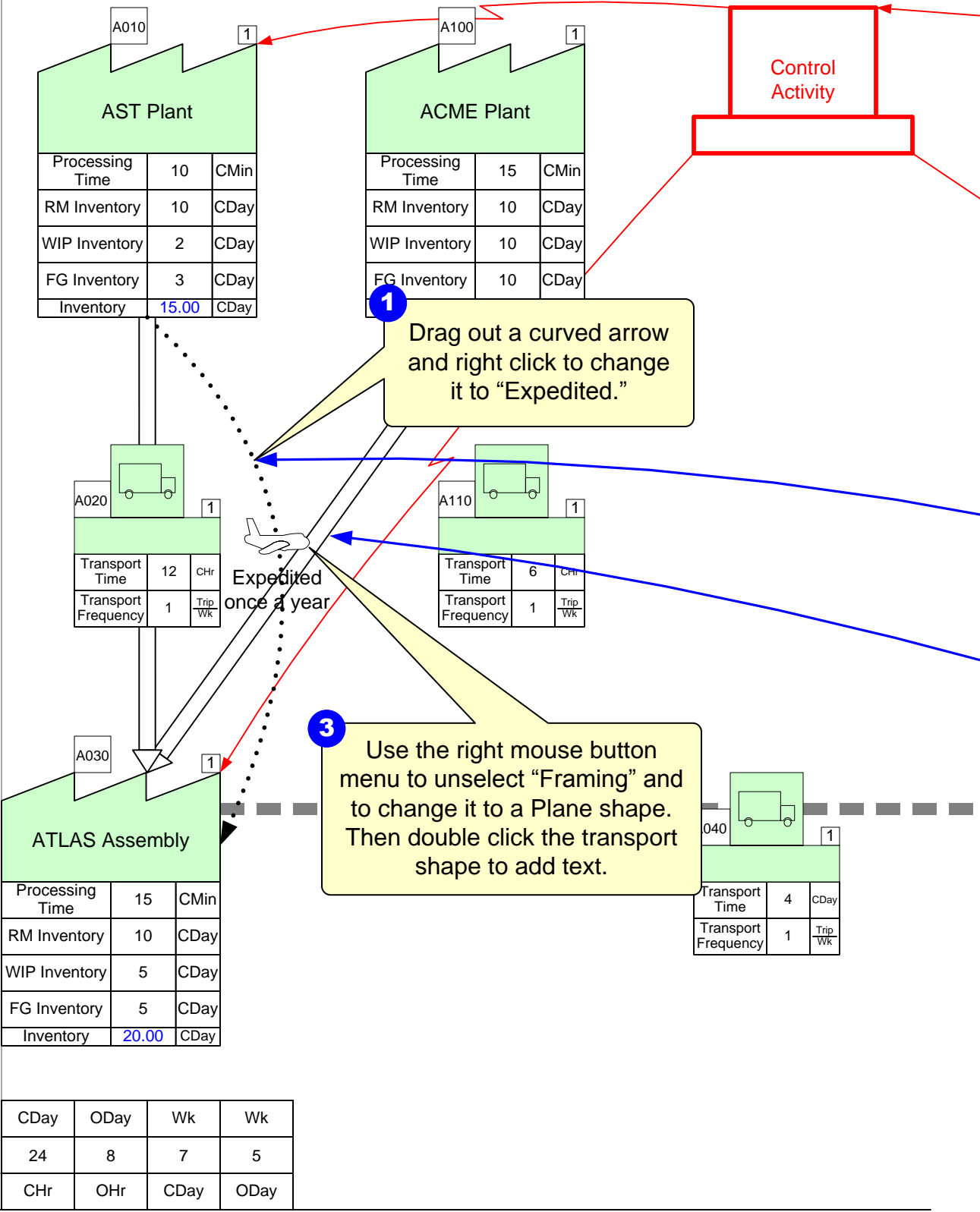
6 Double click on the unit and change the unit to Cday.



Step 7: Add an Expedited Transport

Wall Map	Sequence ▾	Select Paths	Show Seq.	Var Solve
Open	Auto Pipe ▾	Auto Tag	Show Pipes	Solve
List Variables	Auto Path		Clear	
Sketch	Sequence	Validate	Calculate	

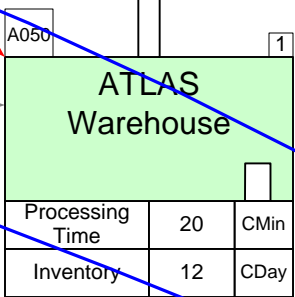
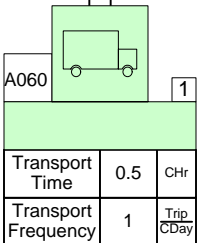
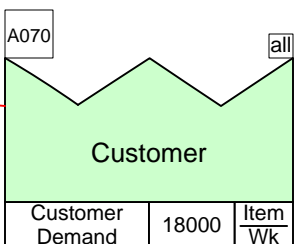
Quick Enterprise



CDay	ODay	Wk	Wk
24	8	7	5
CHr	OHR	CDay	ODay

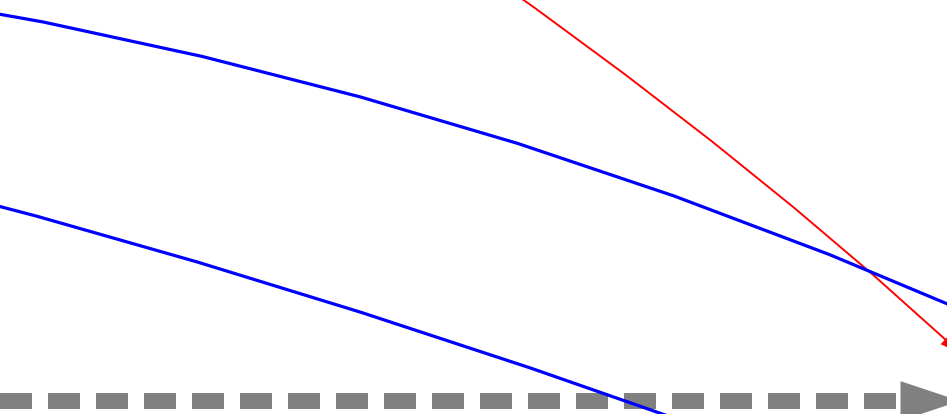
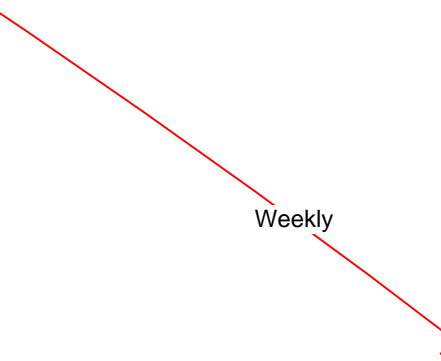
Views Visualize	Gadgets Update Visualize	Kaizen Properties Kaizen Export Kaizen Import Renumber Kaizens Improve	Map Copy A3 A3 Report	v7 Migrate Spaghetti Event Circle Extras	Help Learn	Icon Help Icon Search Stack Help
--------------------	--------------------------------	--	--------------------------	---	---------------	--

Main stencil toolbar containing various icons for map elements: a truck (transport), a warehouse, a customer, and various flow and logic symbols.



Weekly

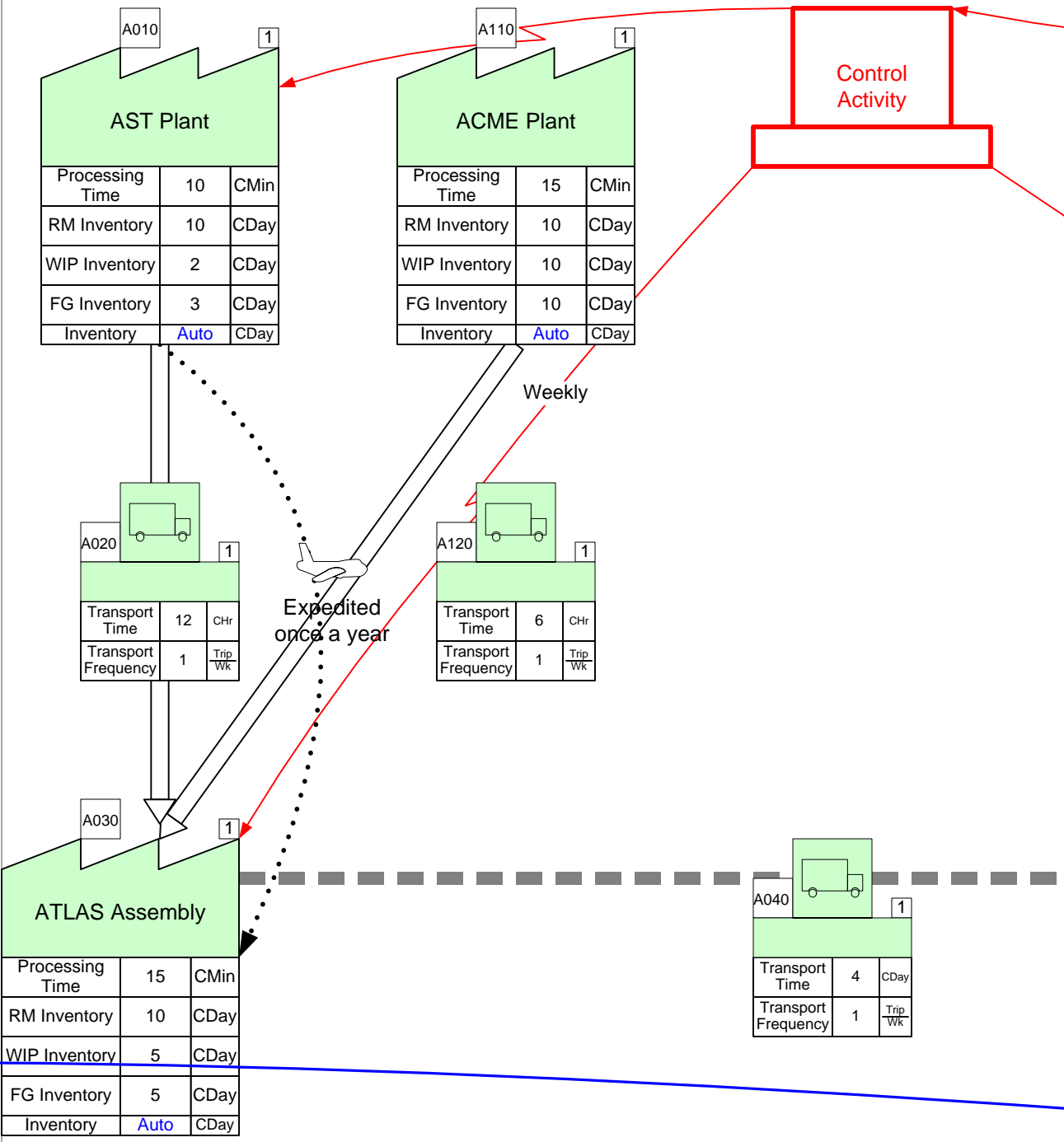
2 Drag the transport shape from the Main stencil on the left.



Step 8: Add Time Summary

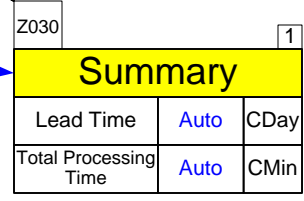
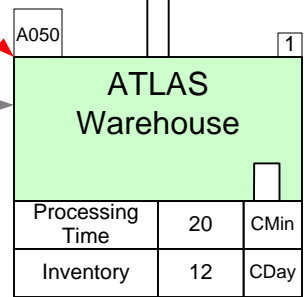
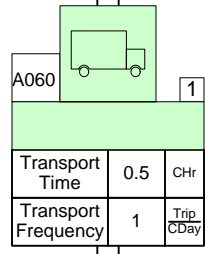
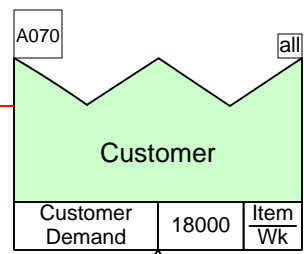
Wall Map	Sequence ▾	Select Paths	Show Seq.	Var Solve
Open	Auto Pipe ▾	Auto Tag	Show Pipes	Solve
List Variables	Auto Path		Clear	
Sketch	Sequence		Validate	Calculate

Quick Enterprise



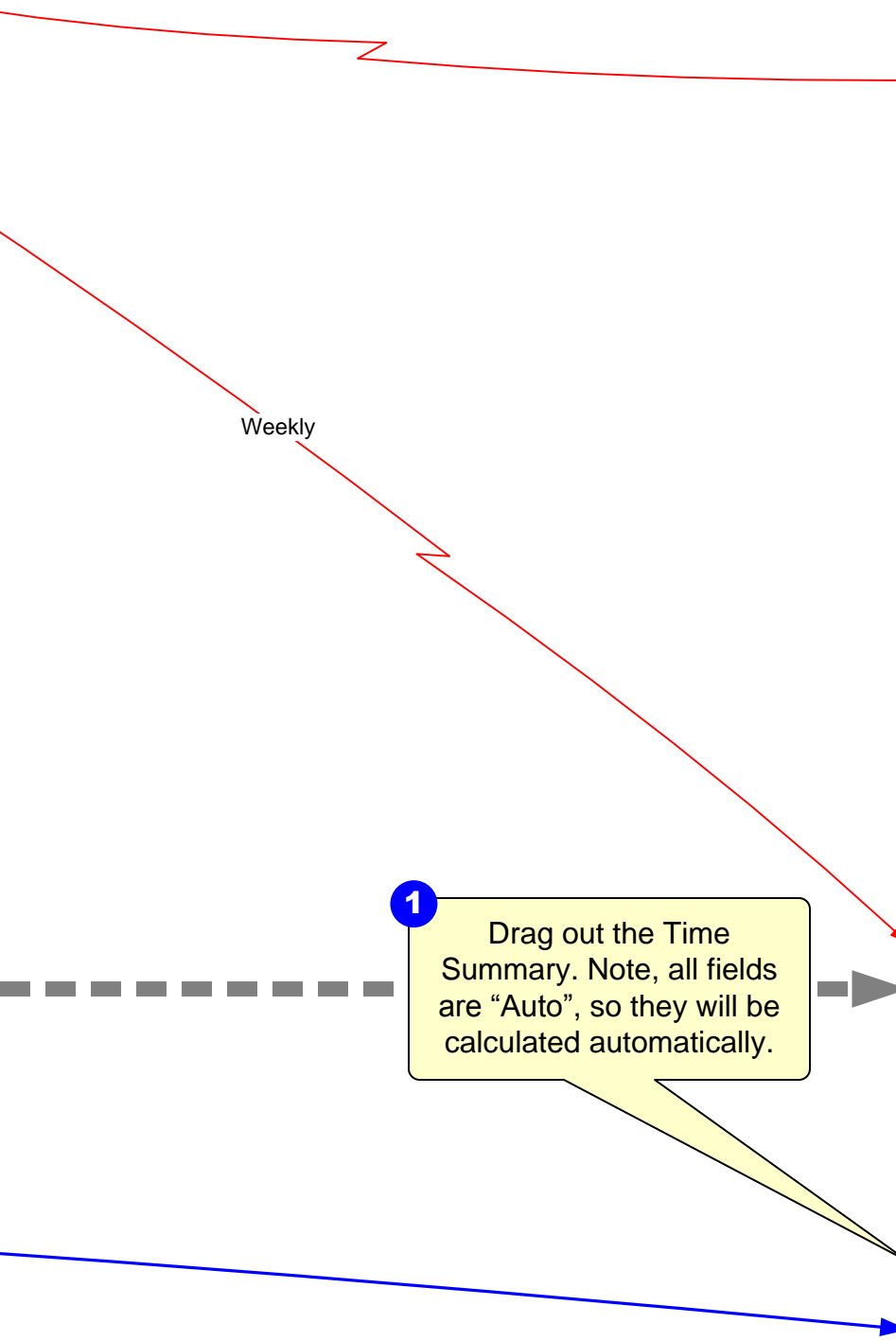
CDay	ODay	Wk	Wk
24	8	7	5
CHr	OHr	CDay	ODay

Views	Gadgets Update	Kaizen Properties Kaizen Export Kaizen Import Renumber Kaizens	Map Copy A3 A3 Report	v7 Migrate Spaghetti Event Circle	Help Icon Help Icon Search Stack Help Learn
Visualize		Improve		Extras	



Weekly

1 Drag out the Time Summary. Note, all fields are "Auto", so they will be calculated automatically.

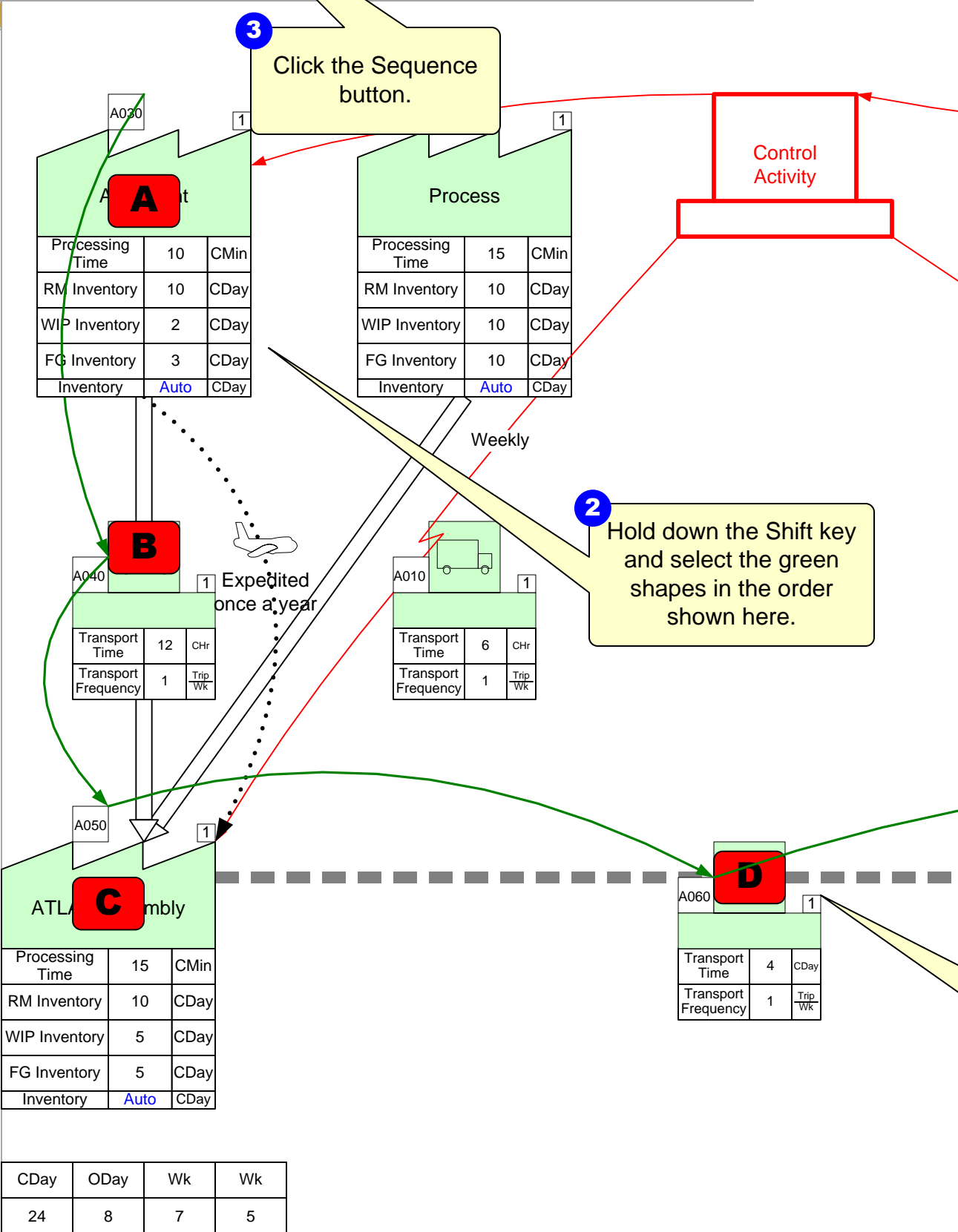


Step 9: Setup Sequence Arrows for Path 1

Open	Wall Map	Sequence	Select Paths	Check	Show Seq.	Var Solve
NUM	List Variables	Auto Pipe	Auto Tag	Validate	Show Pipes	Solve
Sketch	Sequence	Sequence	Sequence	Validate	Calculate	Calculate

Quick Enterprise

CDay	ODay	Wk	Wk
24	8	7	5
CHr	OHr	CDay	ODay



A020	1
A t	
Processing Time	10 CMin
RM Inventory	10 CDay
WIP Inventory	2 CDay
FG Inventory	3 CDay
Inventory	Auto CDay

1	
Process	
Processing Time	15 CMin
RM Inventory	10 CDay
WIP Inventory	10 CDay
FG Inventory	10 CDay
Inventory	Auto CDay

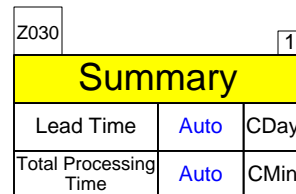
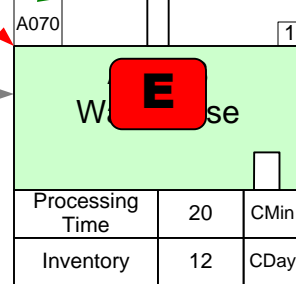
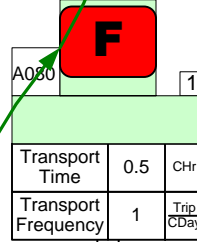
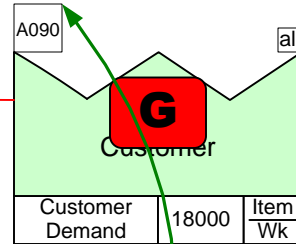
A040	1
B	
Transport Time	12 CHr
Transport Frequency	1 Trip/Wk

A010	1
Transport Time	6 CHr
Transport Frequency	1 Trip/Wk

A050	1
C mby	
Processing Time	15 CMin
RM Inventory	10 CDay
WIP Inventory	5 CDay
FG Inventory	5 CDay
Inventory	Auto CDay

A060	1
D	
Transport Time	4 CDay
Transport Frequency	1 Trip/Wk

Views	Gadgets Update	Kaizen Properties Kaizen Export Kaizen Import Renumber Kaizens	Map Copy A3 A3 Report	v7 Migrate Spaghetti Event Circle	Help Icon Help Icon Search Stack Help Learn
Visualize		Improve		Extras	



Weekly

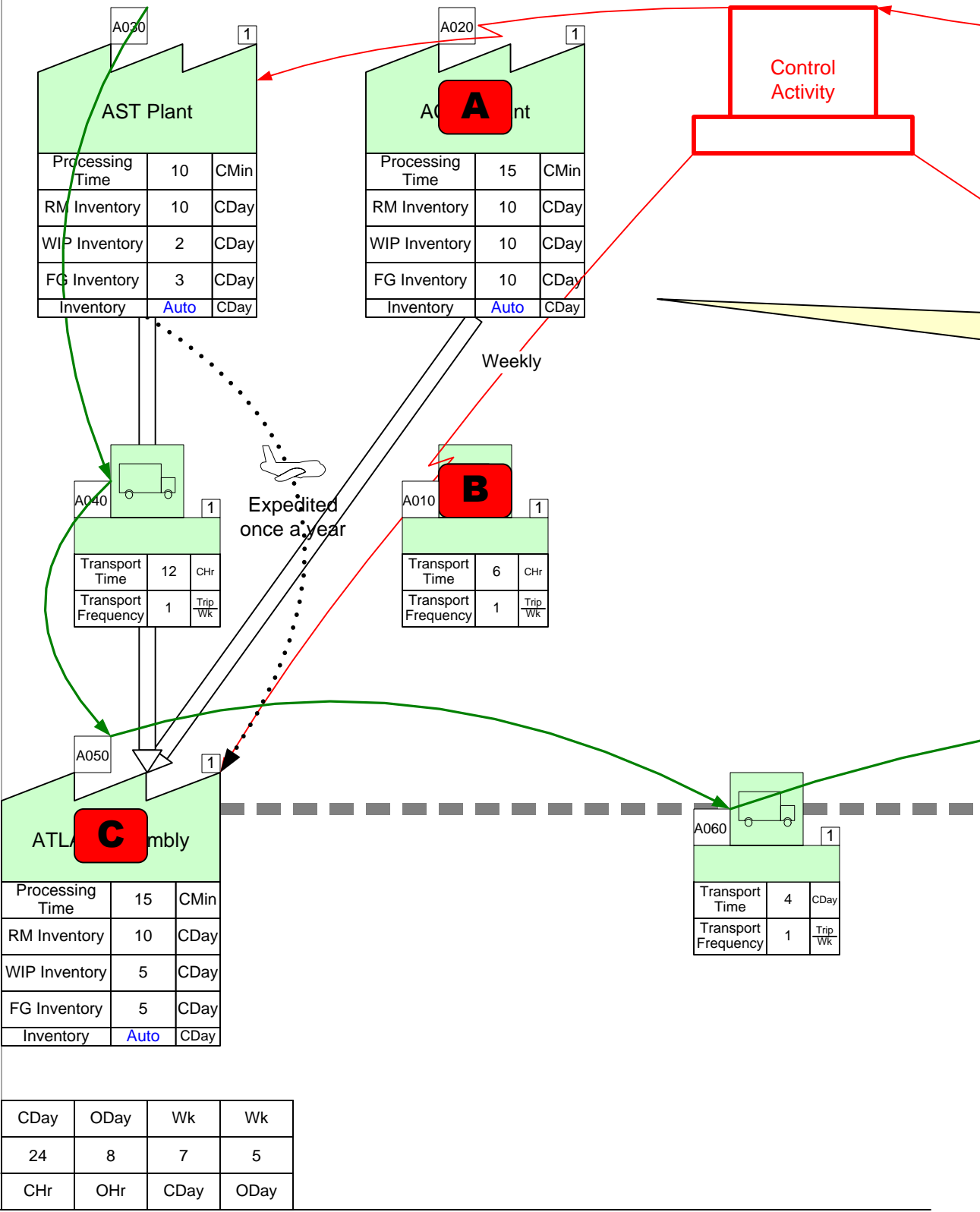
- Copy/Paste
- Print
- TASK LIST
- Help
- Undo
- Redo
- Refresh
- Path Locator
- Auto Path
- Simulation Start
- Simulation Stop
- Simulation Step
- Simulation Reset
- Simulation Settings
- Simulation Help

1 These Path Locator tags can be used to specify paths. You can manually change these. You can add new ones with copy/paste or from the main stencil on the right. Another way to specify paths is with Sequence arrows and the Auto Path function.

Step 10: Setup Sequence Arrows for Path 2

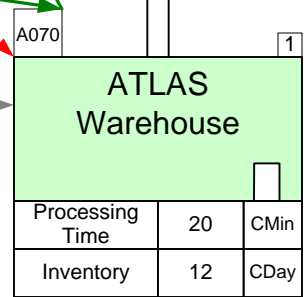
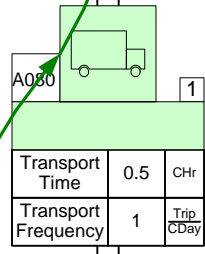
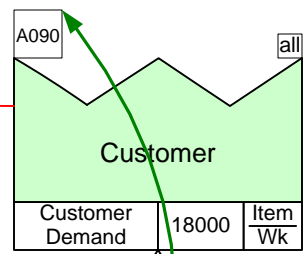
Wall Map	Sequence ▾	Select Paths	Show Seq.	Var Solve
Open	Auto Pipe ▾	Auto Tag	Show Pipes	Solve
List Variables	Auto Path		Clear	
Sketch	Sequence	Validate	Calculate	

Quick Enterprise



CDay	ODay	Wk	Wk
24	8	7	5
CHr	OHr	CDay	ODay

Gadgets	Kaizen Export	Map Copy	Spaghetti	Icon Help
Views	Kaizen Import	A3 Report	Event Circle	Icon Search
Visualize	Kaizen Properties	Renumber Kaizens	Help	Stack Help
	Improve		Extras	Learn

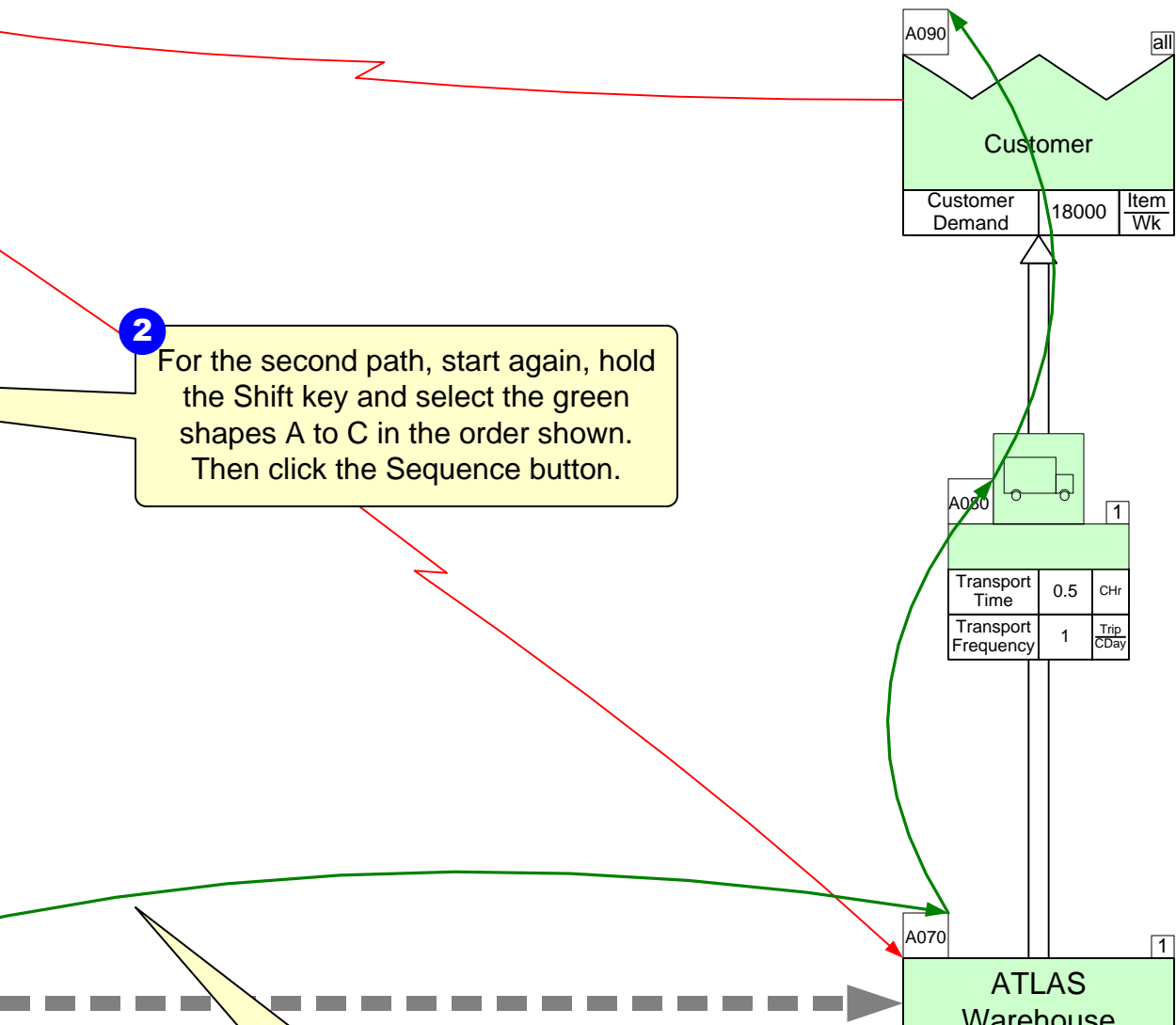


Summary (A110, 1)

Lead Time	81.81	CDay
Total Processing Time	60.00	CMin

2 For the second path, start again, hold the Shift key and select the green shapes A to C in the order shown. Then click the Sequence button.

1 These sequence arrows show Path 1.



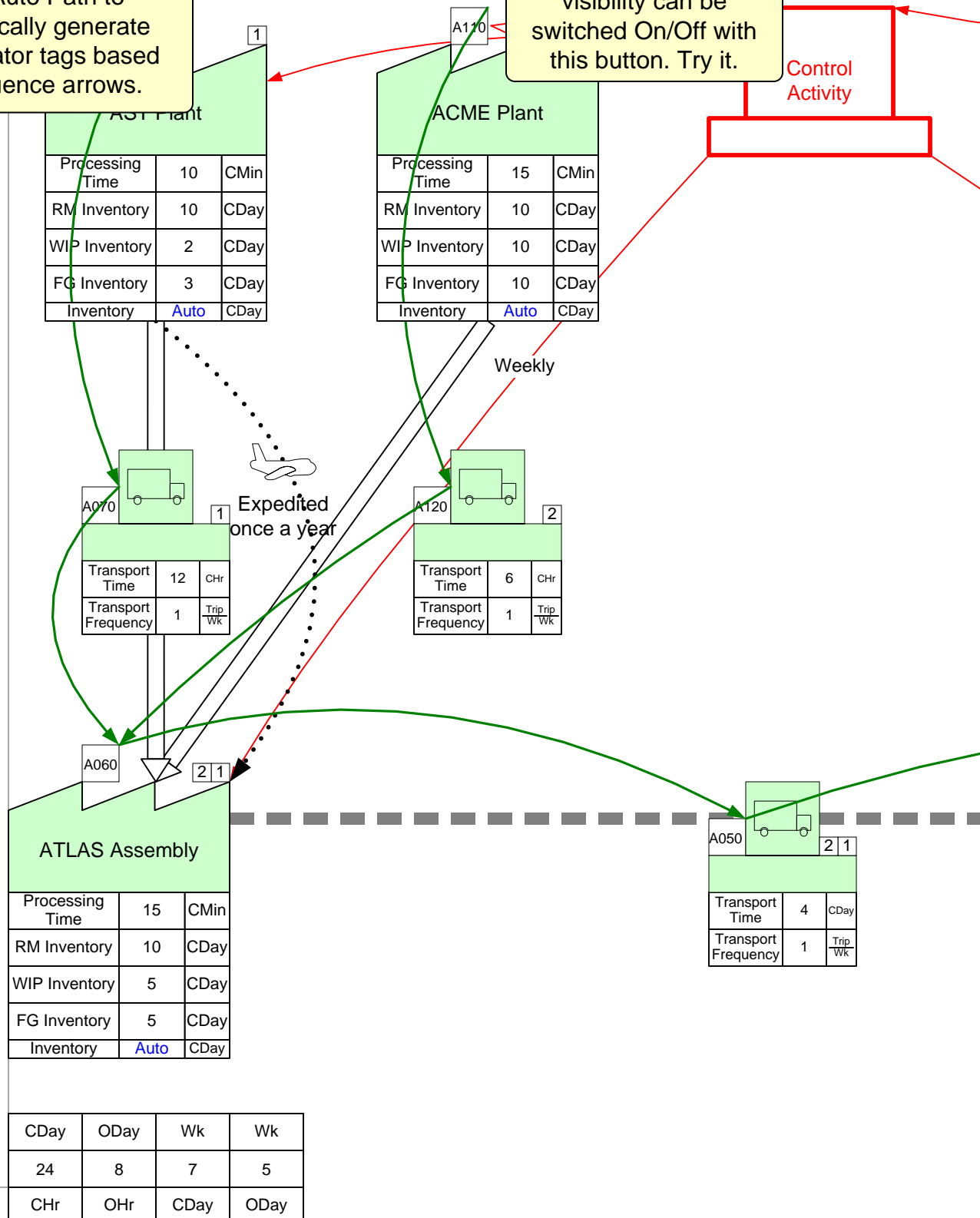
Step 11: Use Auto Path to generate Path Locator Tags

	Wall Map		Sequence ▾		Select Paths		Show Seq.		Var Solve
	Open		Tag & Paths		Auto Pipe ▾		Auto Tag		Check
	List Variables		Auto Path		Clear		Validate		Solve
Sketch		Sequence			Validate		Calculate		

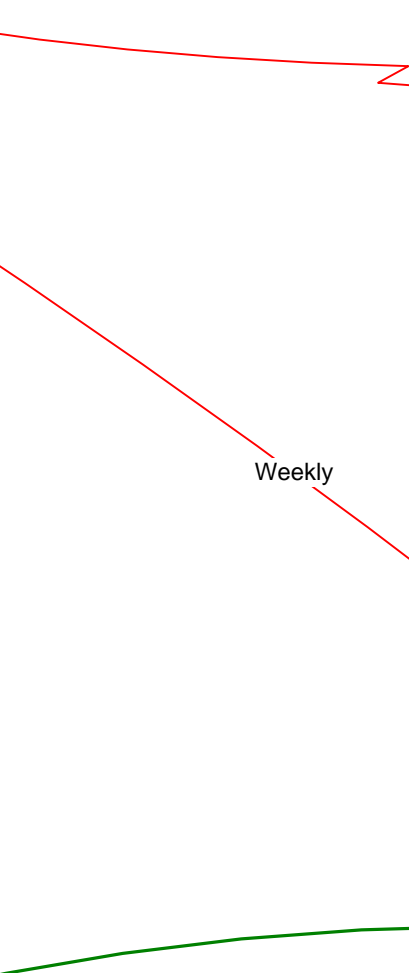
Quick Enterprise

1 Click Auto Path to automatically generate Path Locator tags based on Sequence arrows.

3 Sequence arrow visibility can be switched On/Off with this button. Try it.



Gadgets Views	Update Visualize	Kaizen Properties	Kaizen Export	Kaizen Import	Renumber Kaizens	Map Copy	A3 A3 Report	v7 Migrate	Spaghetti	Event Circle	Help	Icon Help	Icon Search	Stack Help	Learn
-------------------------	----------------------------	--------------------------	----------------------	----------------------	-------------------------	-----------------	---------------------	-------------------	------------------	---------------------	-------------	------------------	--------------------	-------------------	--------------



2 Notice how the path numbers have been changed to show one or both paths.

A010 2 1

Customer

Customer Demand	18000	Item Wk
-----------------	-------	---------

A030 2 1

Transport Time	0.5	CHr
Transport Frequency	1	Trip CDay

A040 2 1

ATLAS Warehouse

Processing Time	20	CMin
Inventory	12	CDay

Z030 1

Summary

Lead Time	Auto	CDay
Total Processing Time	Auto	CMin



Step 12: Summary for Path 2

Wall Map	Sequence ▾	Select Paths	Check	Show Seq.	Solve
Open	Auto Pipe ▾	Auto Tag	Validate	Show Pipes	Var Solve
List Variables	Auto Path			Clear	Calculate
Sketch	Sequence				Calculate

Quick Enterprise

3
Click the "Check" button and fix any problems flagged.

4
Click the "Solve" button to calculate.

AST Plant		
Processing Time	10	CMin
RM Inventory	10	CDay
WIP Inventory	2	CDay
FG Inventory	3	CDay
Inventory	15	CDay

ACME Plant		
Processing Time	15	CMin
RM Inventory	10	CDay
WIP Inventory	10	CDay
FG Inventory	10	CDay
Inventory	30.00	CDay

A060		1
Transport Time	12	Chr
Transport Frequency	1	Trip/Wk

A090		2
Transport Time	6	Chr
Transport Frequency	1	Trip/Wk

A050		2	1
ATLAS Assembly			
Processing Time	15	CMin	
RM Inventory	10	CDay	
WIP Inventory	5	CDay	
FG Inventory	5	CDay	
Inventory	20	CDay	

A040		2	1
Transport Time	4	CDay	
Transport Frequency	1	Trip/Wk	

Expedited once a year

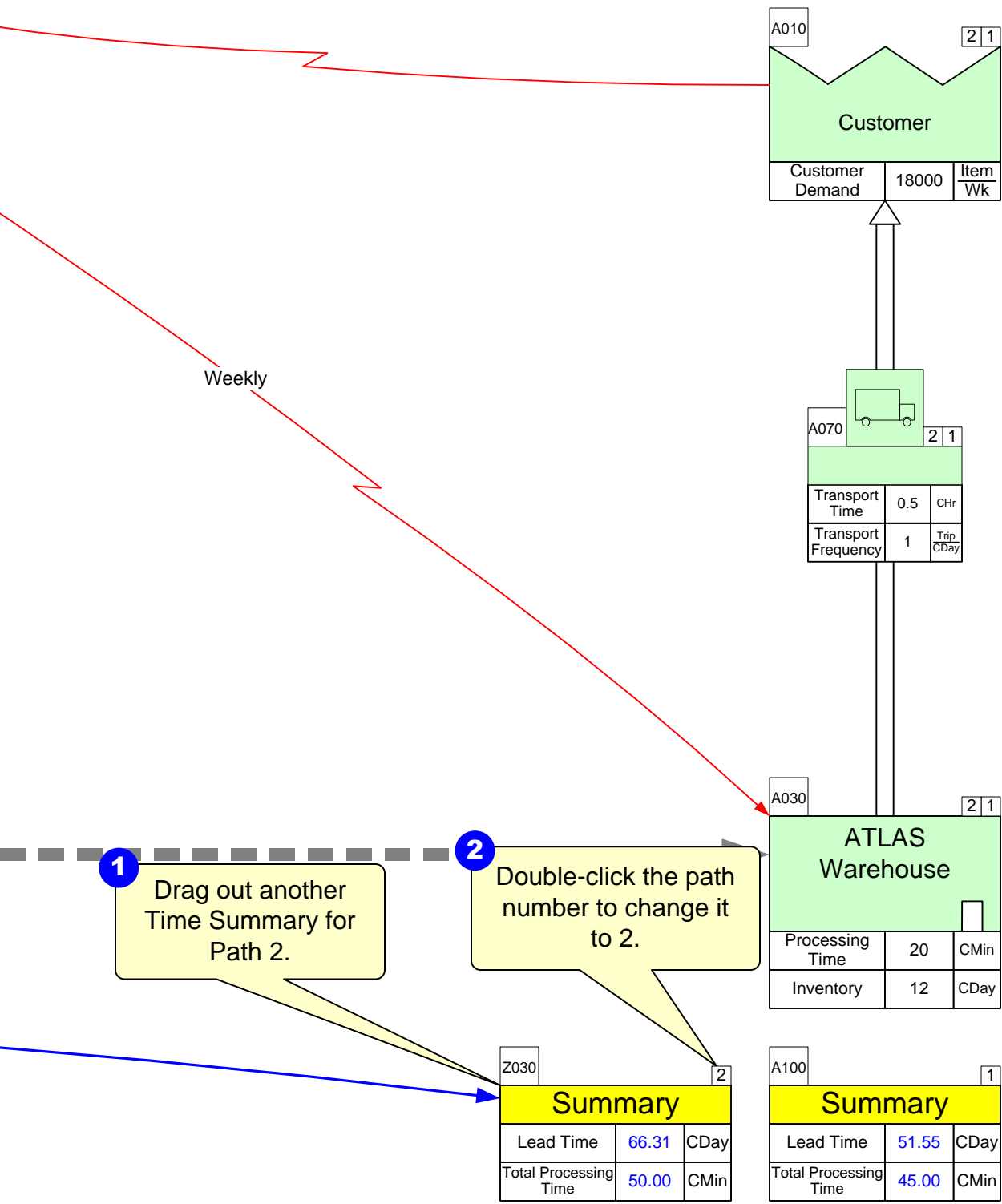
Weekly

Control Activity

Summary

CDay	ODay	Wk	Wk
24	8	7	5
CHr	OHR	CDay	ODay

Views	Gadgets Update	Kaizen Properties Kaizen Export Kaizen Import Renumber Kaizens	Map Copy A3 A3 Report	v7 Migrate Spaghetti Event Circle	Help Icon Help Icon Search Stack Help Learn
Visualize		Improve		Extras	



1 Drag out another Time Summary for Path 2.

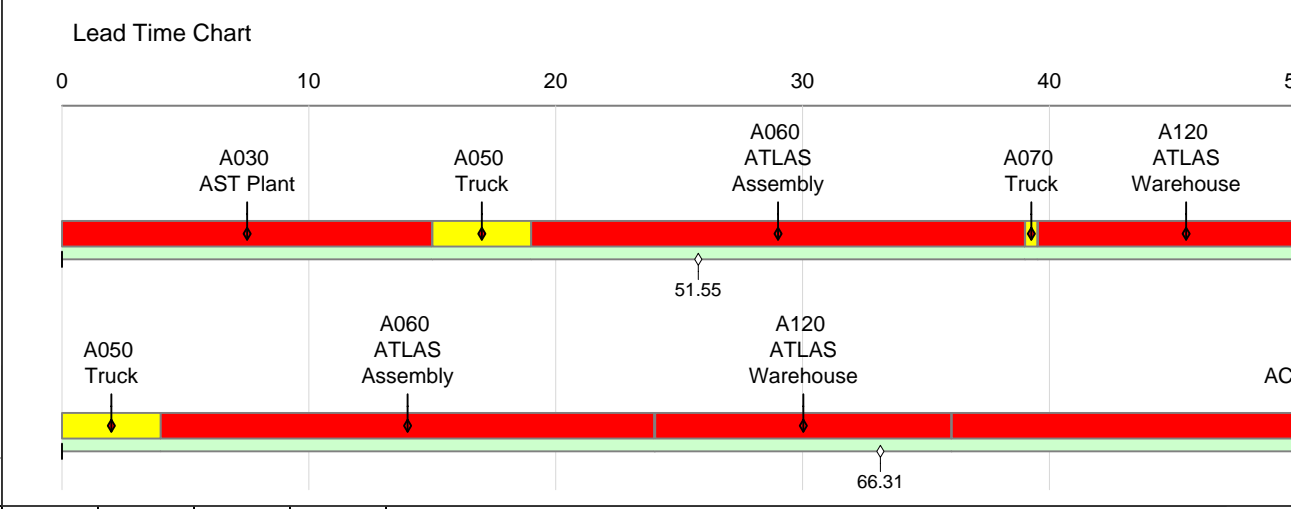
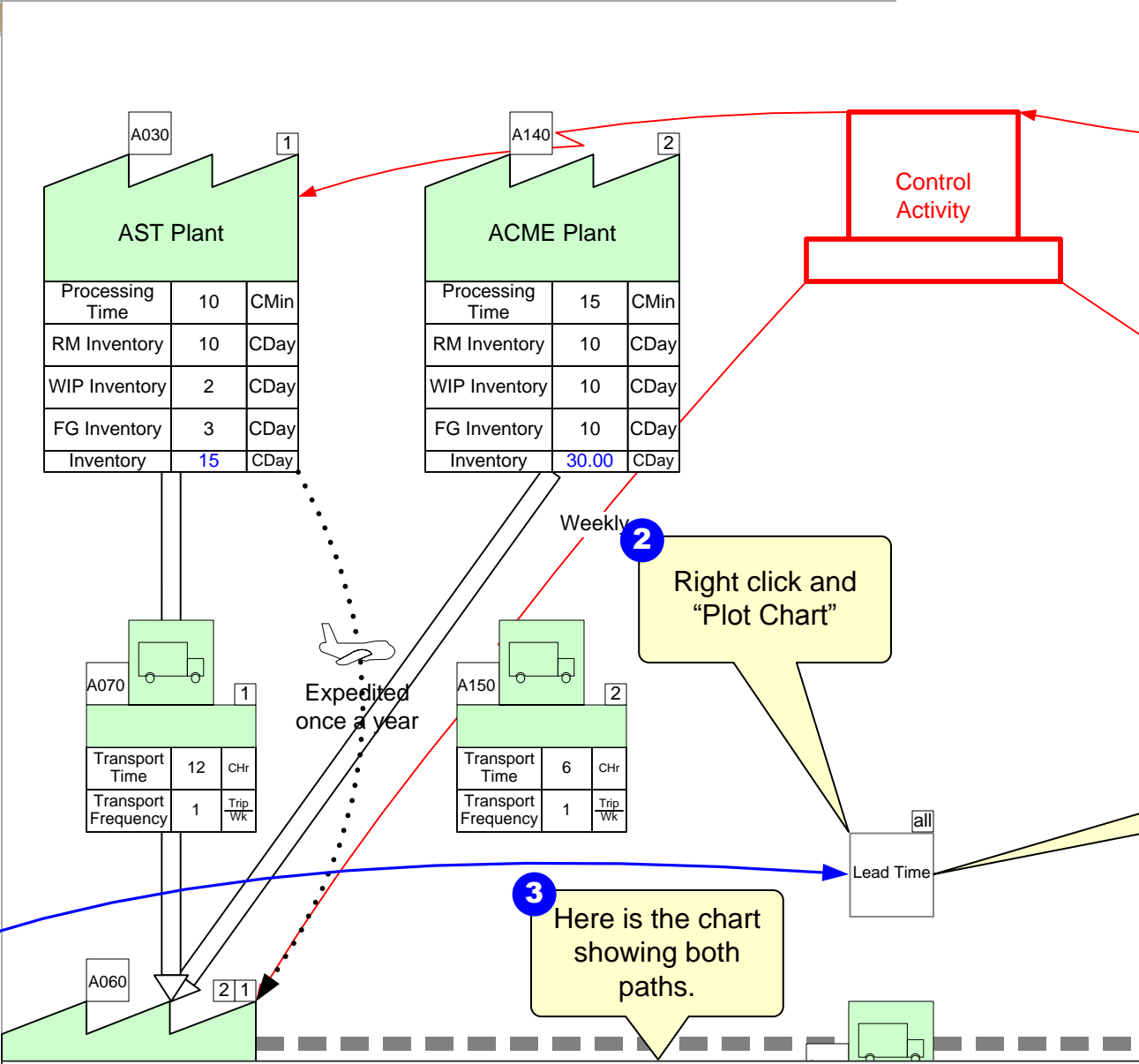
2 Double-click the path number to change it to 2.

Step 13: Draw Lead Time chart

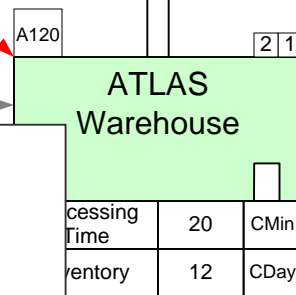
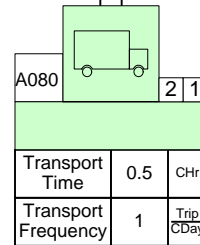
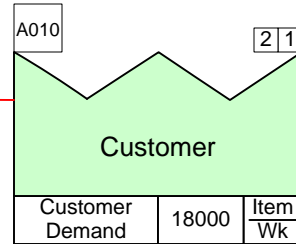
Wall Map	Sequence ▾	Select Paths	Show Seq.	Var Solve
Open	Auto Pipe ▾	Auto Tag	Show Pipes	Solve
List Variables	Tag & Paths	Auto Path	Clear	Calculate
Sketch	Sequence	Validate		

Quick Enterprise

Lead Time Chart



Views	Gadgets	Kaizen Properties	Kaizen Export	Kaizen Import	Renumber Kaizens	Map Copy	A3 A3 Report	v7 Migrate	Spaghetti	Event Circle	Help	Icon Help	Icon Search	Stack Help	Learn
Visualize	Update		Improve					Extras							



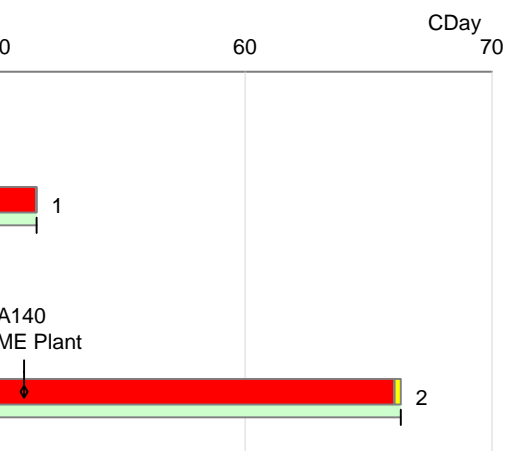
Summary (A090)

Lead Time	51.55	CDay
Total Processing Time	45.00	CMin

Weekly

1

Drag out the Lead Time Chart icon.



Legend

- Inventory
- Processing Time
- Transport Time