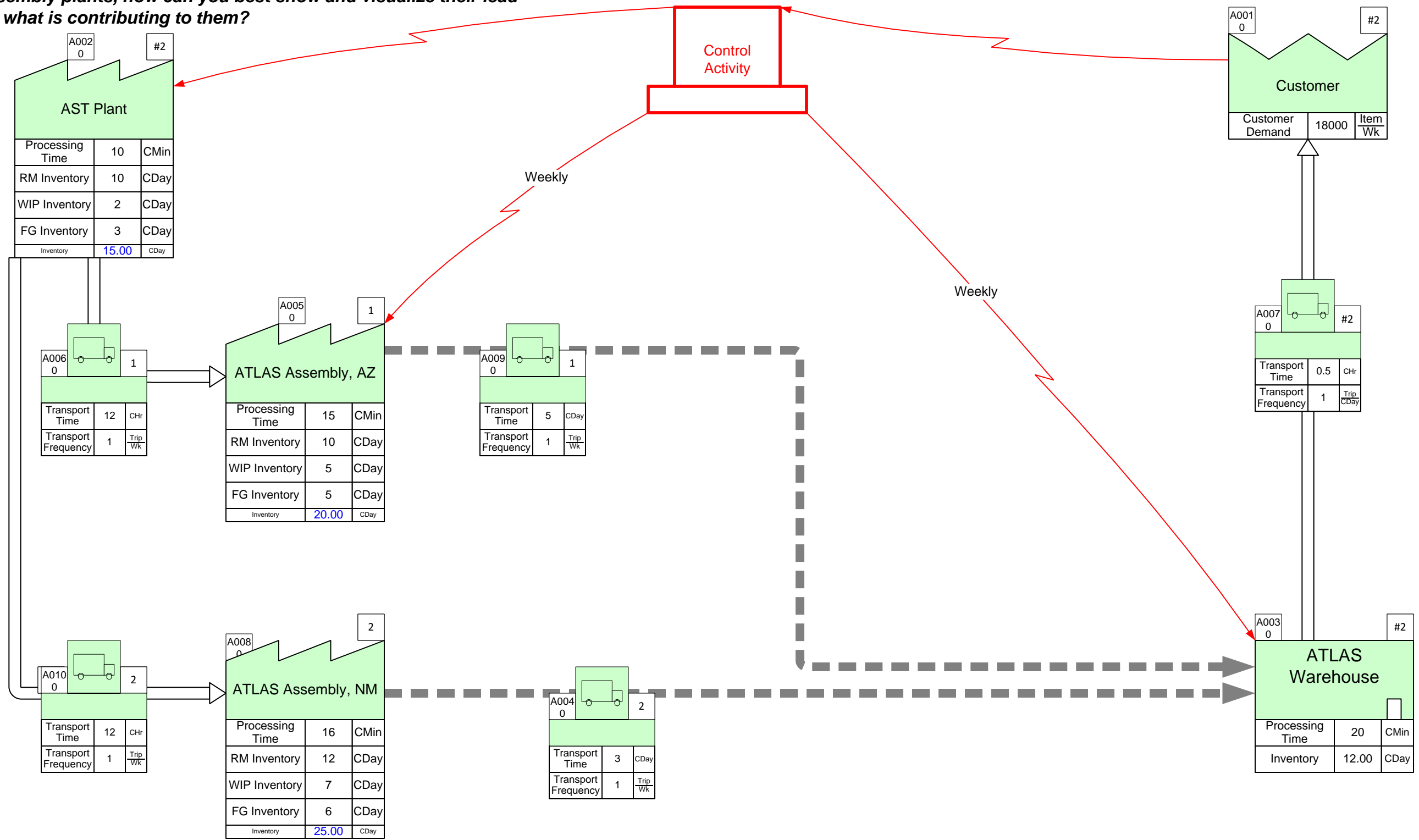


# Enterprise Problem: Lead Time

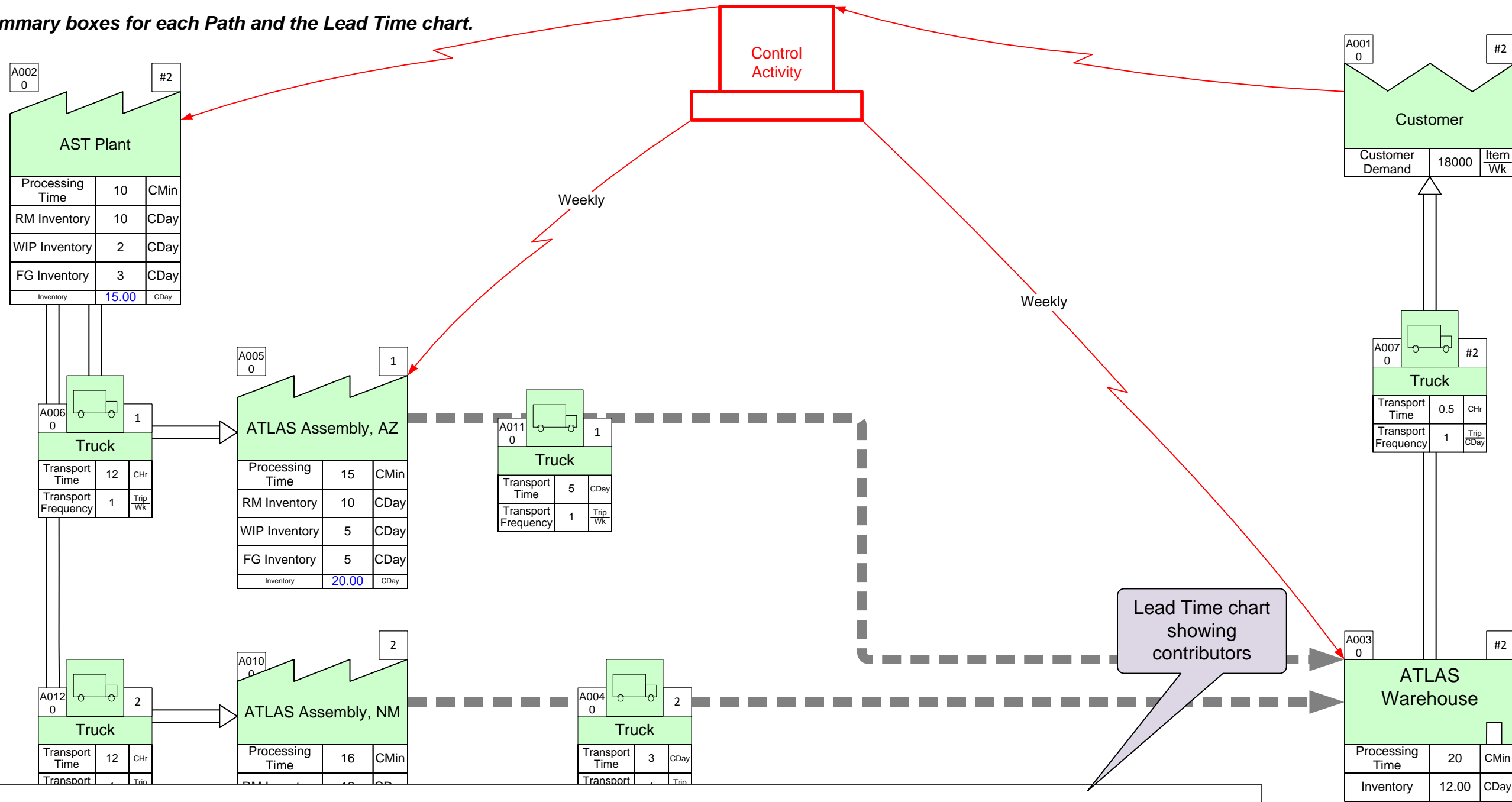
With 2 Assembly plants, how can you best show and visualize their lead times and what is contributing to them?



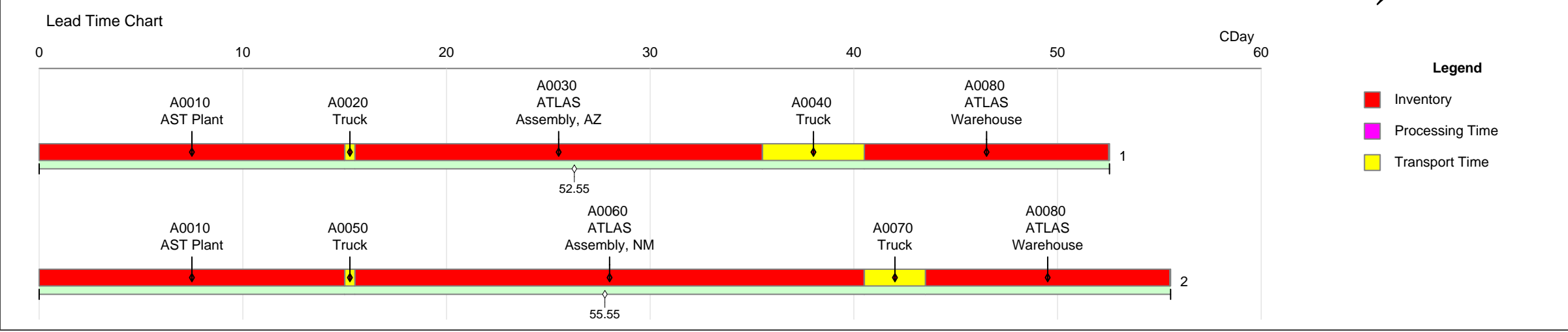
Units	Wk	Wk	oday	cday
	7	5	8	24
	cday	oday	Ohr	CHr

# Enterprise Solution: Lead Time

Adding Summary boxes for each Path and the Lead Time chart.



Lead Time chart showing contributors



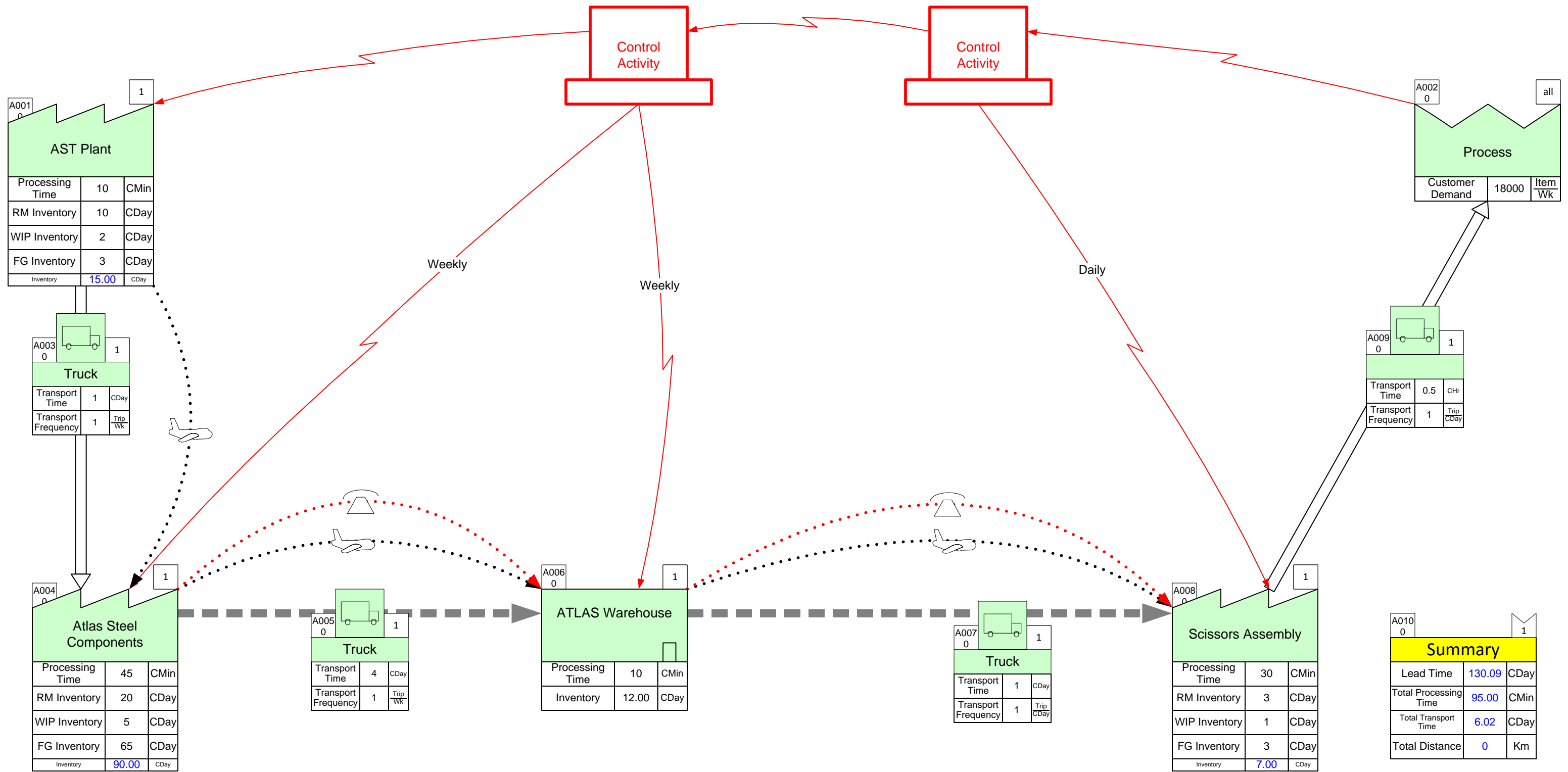
Summary		
Lead Time	55.55	CDay
Total Processing Time	46.00	CMin

Summary		
Lead Time	52.55	CDay
Total Processing Time	45.00	CMin

# Enterprise Problem: Carrying Costs

**Problem:** You want to estimate the annual carrying cost of the inventory in the plant. You know that the Cost of Capital is 8%, Inventory Obsolescence is 1%, and Inventory Insurance is 1%.

Units	Wk	Wk	oday	cday
	7	5	8	24
	cday	oday	Ohr	CHr

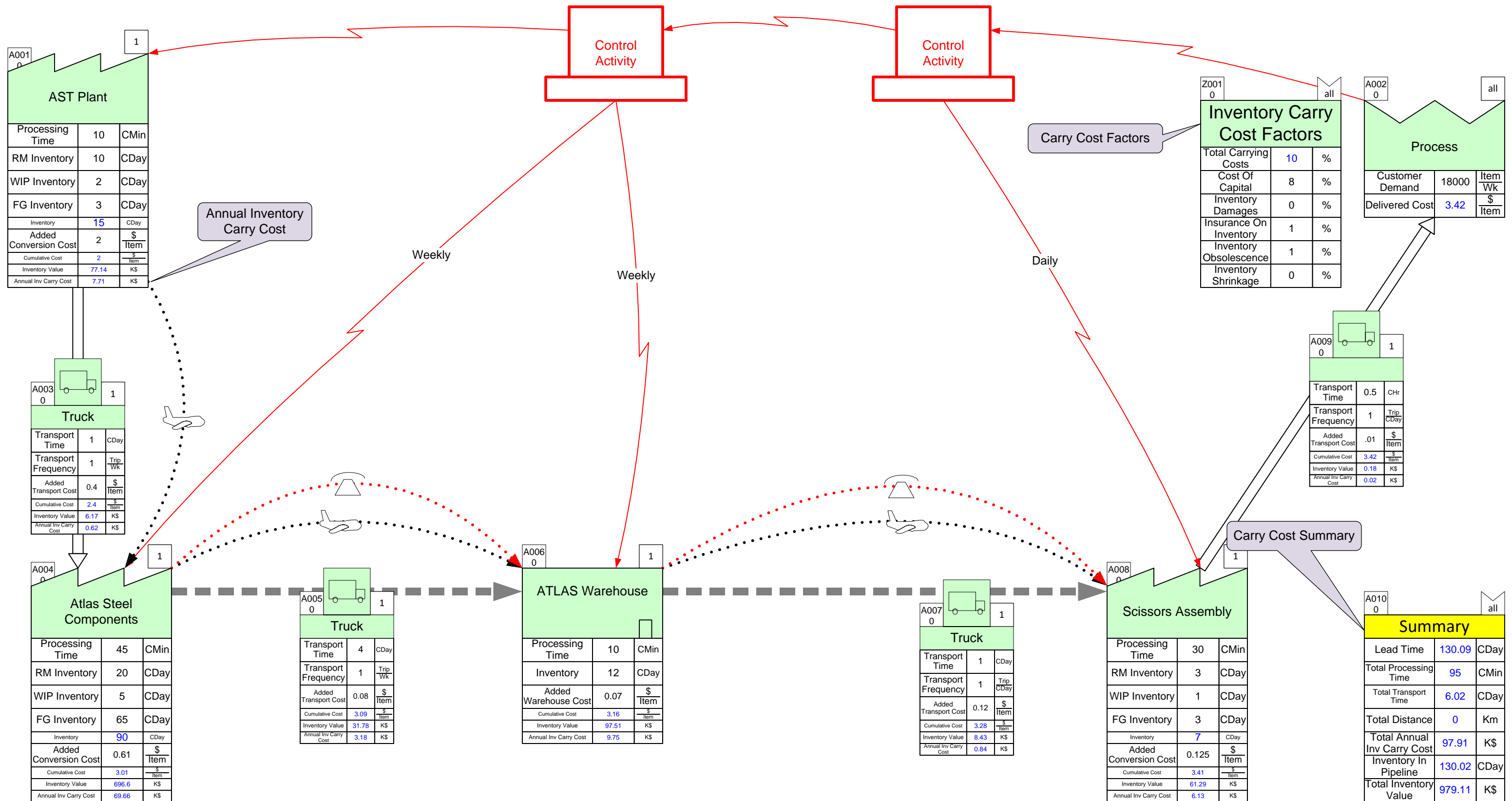


A010	0	1
<b>Summary</b>		
Lead Time	130.09	CDay
Total Processing Time	95.00	CMin
Total Transport Time	6.02	CDay
Total Distance	0	Km

# Enterprise Solution: Carrying Costs

Use the inventory value add-ons for all the centers and the Carrying Cost Factors to calculate.

Units	Wk	Wk	oday	cday
	7	5	8	24
	cday	oday	Ohr	Chr



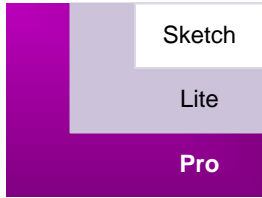
# Quick Enterprise Stencil



Quick Enterprise is one of eVSM's Quick Stencils and supports enterprise level value stream mapping of supply chains and logistics. It provides *easy, fast, and focused* mapping as shown below:

Quick Enterprise is actually a compatible set of 3 stencils as shown below.

Easy



- Sketch:** Simple sketch shapes, no data blocks
- Lite:** + data blocks + equations + charts ideal for most maps
- Pro:** + additional concepts that increase map leverage.

Quick stencils are popular because of their capability and also because of the excellent deployment materials available. These include example maps, publications, and learning options.

Fast

4x mapping speed and quantified improvements with a well designed set of icons, variables, macro shapes, equations, and charts.



Standard Variables



Design Macro Shapes



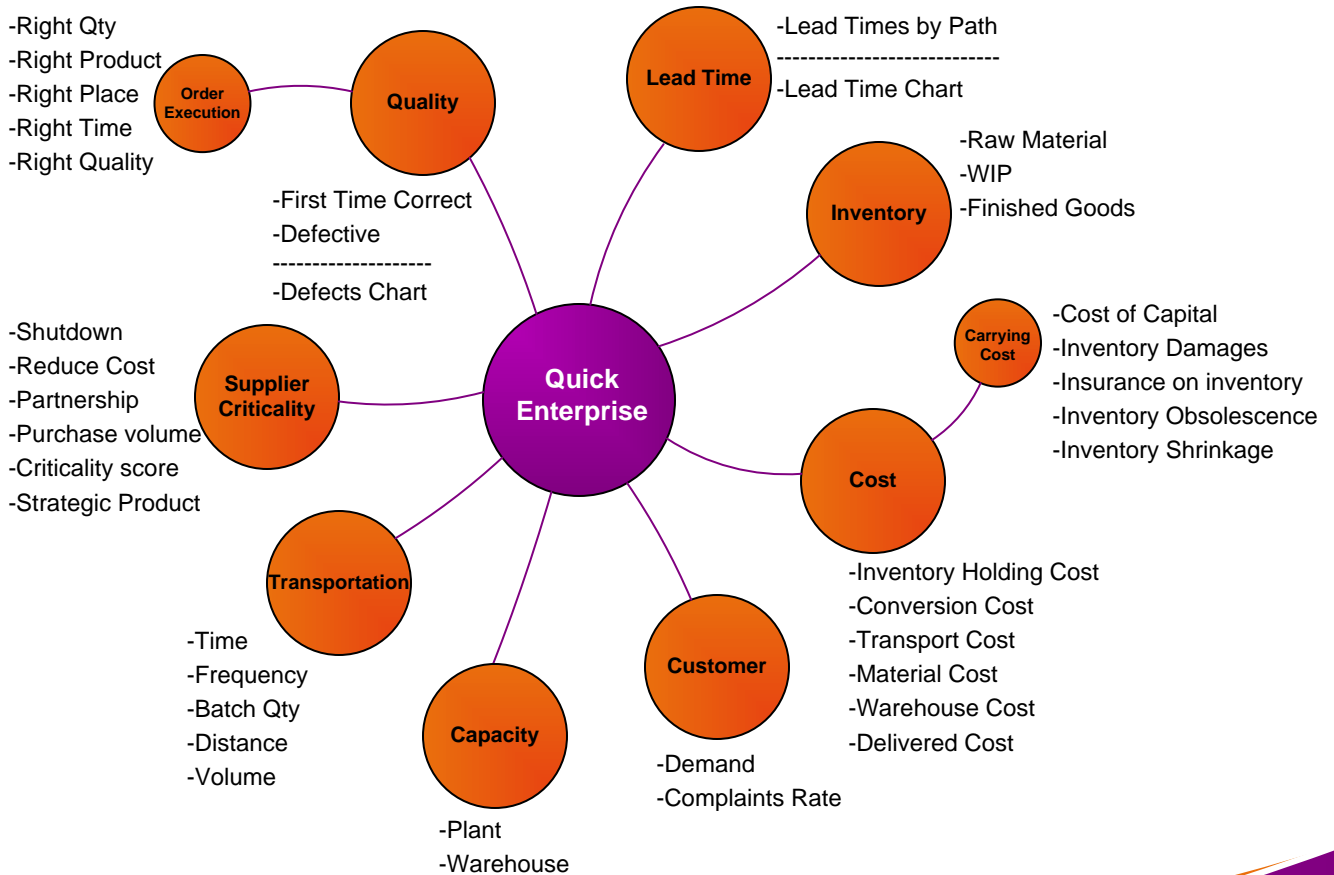
Built-in Equations



Built-in Charts

Focused

The technical concepts addressed by the Quick Enterprise stencil are shown below.



An example map drawn in Quick Enterprise is shown overleaf.

### Lead Time Calculations + Plots

Lead Time calculation and charting for multiple paths in the supply chain

### Info & Material Flow

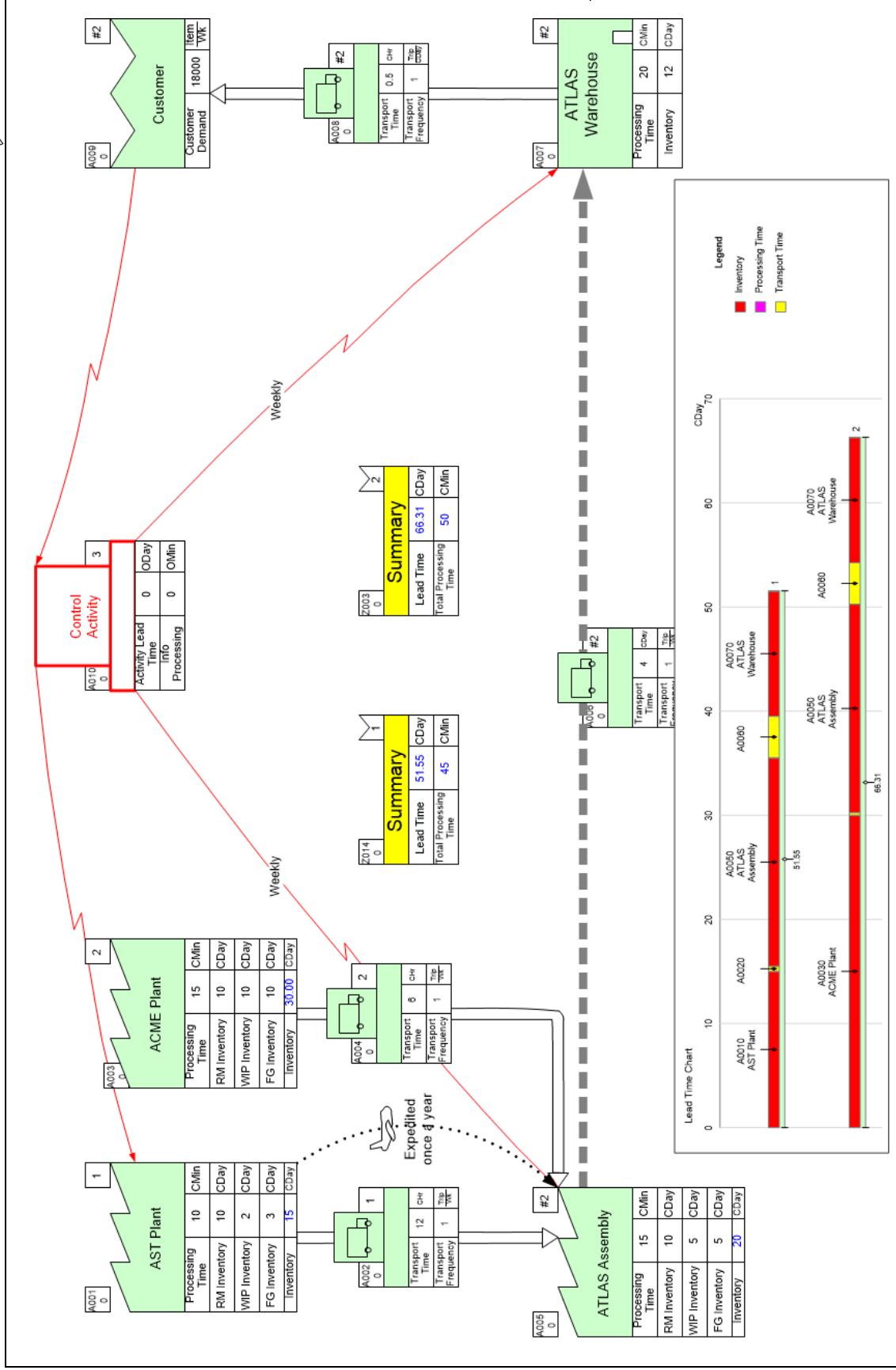
Information flow and material flow mapping at Enterprise Level

### Linking Maps

Connectivity between Enterprise maps and Plant level maps

**First Time Correct**  
Rolling calculation of first time correct.

**Lean Metrics**  
Lead Time, Processing Time, and Travel metrics



Inventory annual carry cost calculation

### Inventory Carry Cost

# Quick Enterprise Example Map with Features