

4th Virtual Edition, 24 & 25 July 2025

GLOBAL SUPPLY CHAIN EXCELLENCE SUMMIT

*ENGAGE IN A DYNAMIC MIX OF THOUGHT-PROVOKING PRESENTATIONS AND
INTERACTIVE PANEL DISCUSSIONS, DESIGNED TO INSPIRE AND INFORM.*



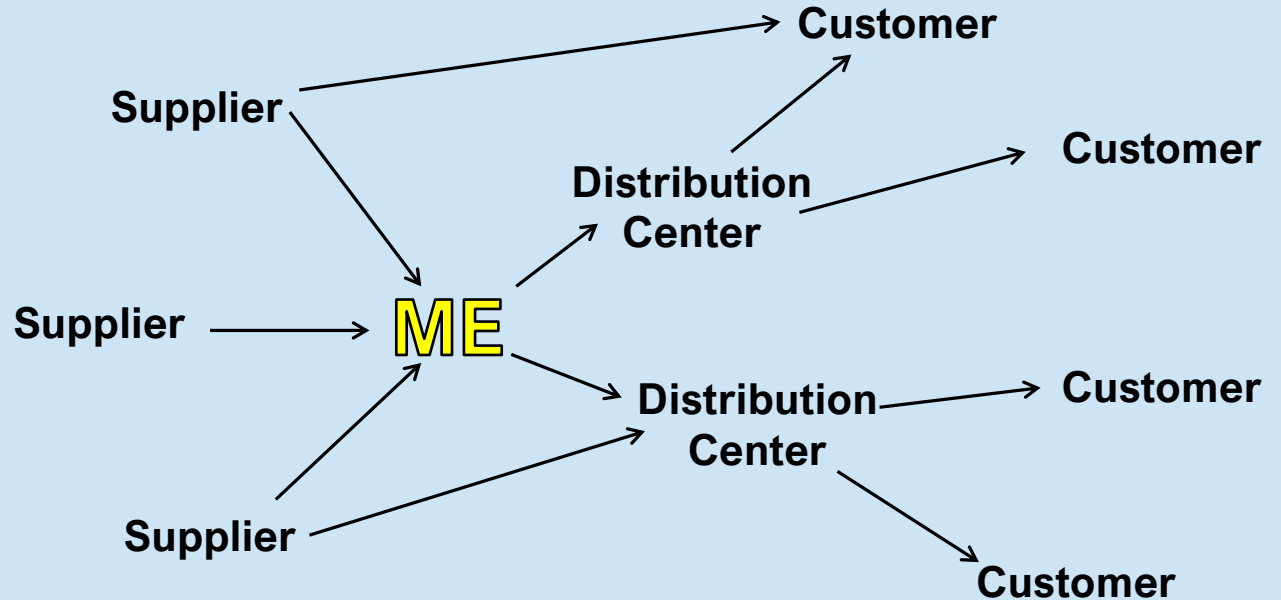
Collaborative Planning Across Multi-Enterprise Supply Chain Networks

J. Chris White

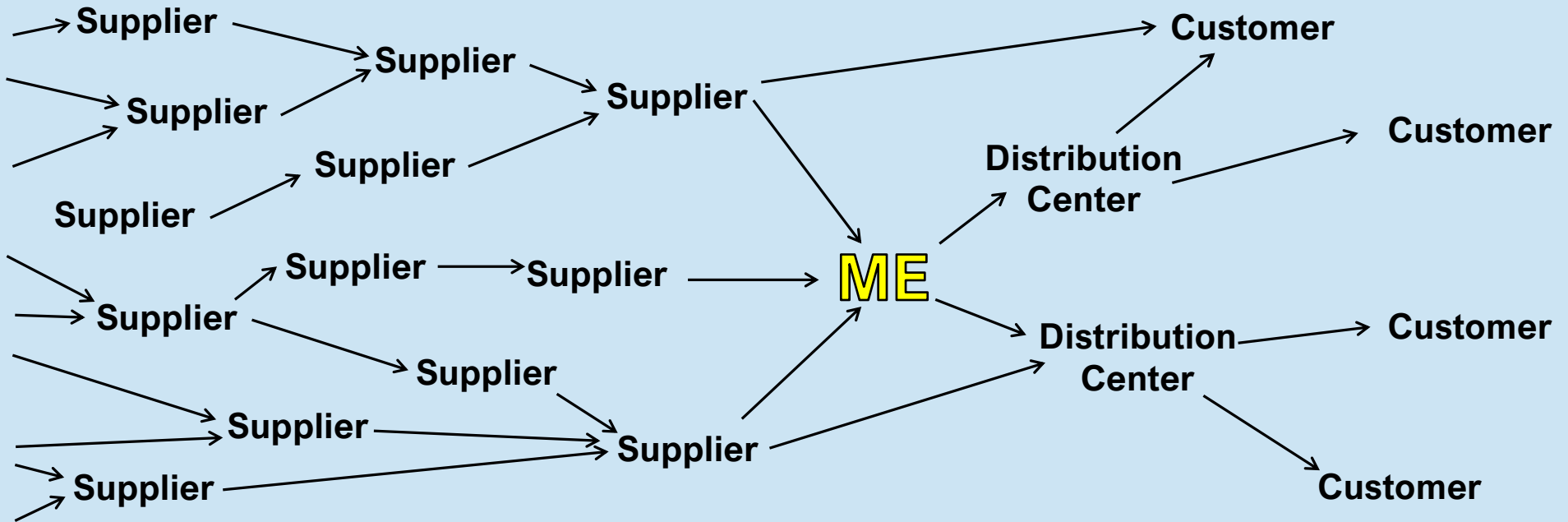
We are happy sponsors of conference



This is not your supply chain . . .



THIS is your supply chain.



**We talk a lot about supply chain
“resilience.”**

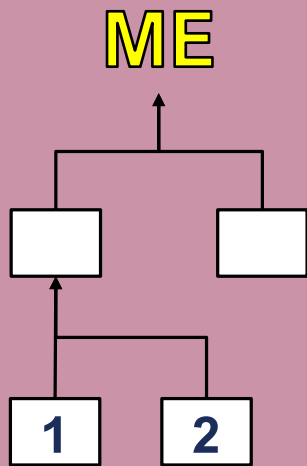
Resilience is a system phenomenon.

**The only way to understand and assess
resilience is to treat the supply chain as a
“system” and conduct what-if scenarios to
see how it *reacts, responds, and recovers* to
various changes.**

4 Common Methods for Increasing Resiliency

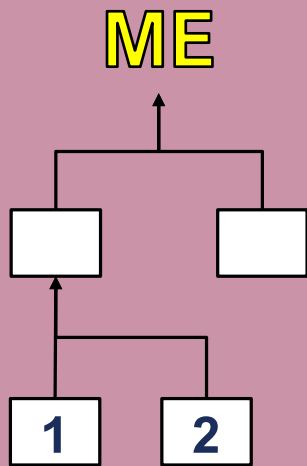
4 Common Methods for Increasing Resiliency

Add Suppliers

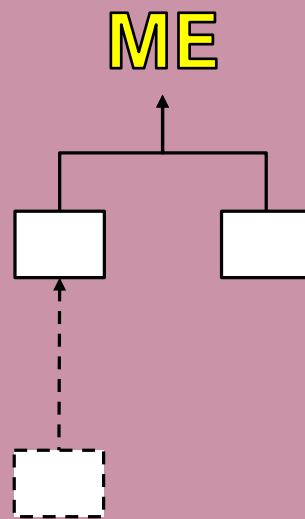


4 Common Methods for Increasing Resiliency

Add Suppliers

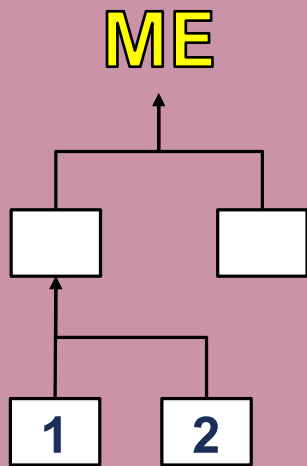


Regionalize Suppliers

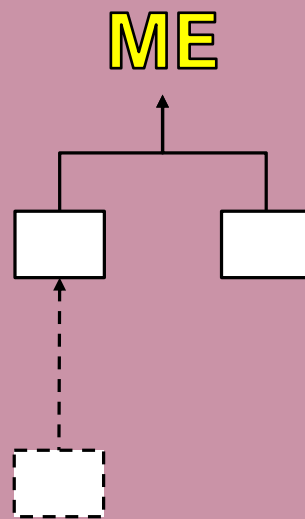


4 Common Methods for Increasing Resiliency

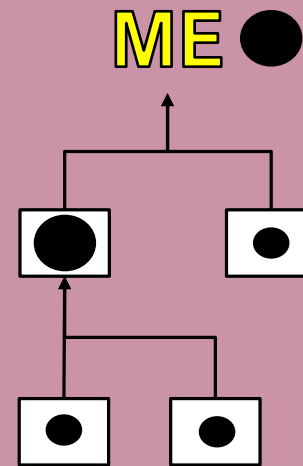
Add Suppliers



Regionalize Suppliers

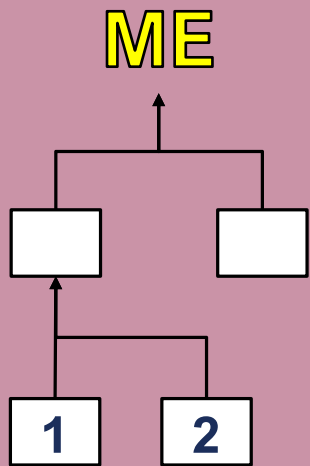


Add Inventory

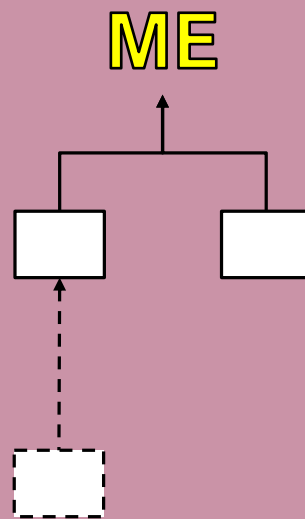


4 Common Methods for Increasing Resiliency

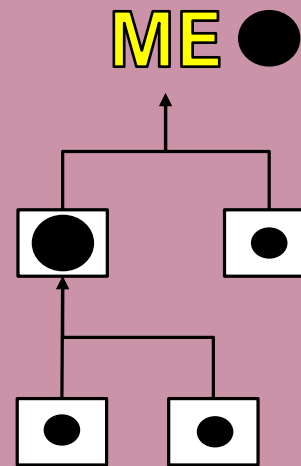
Add Suppliers



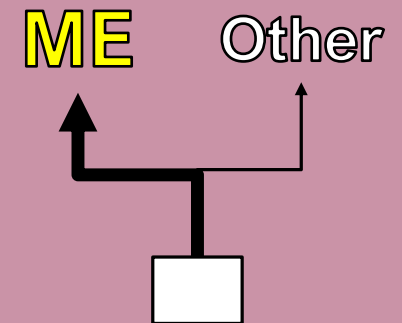
Regionalize Suppliers



Add Inventory

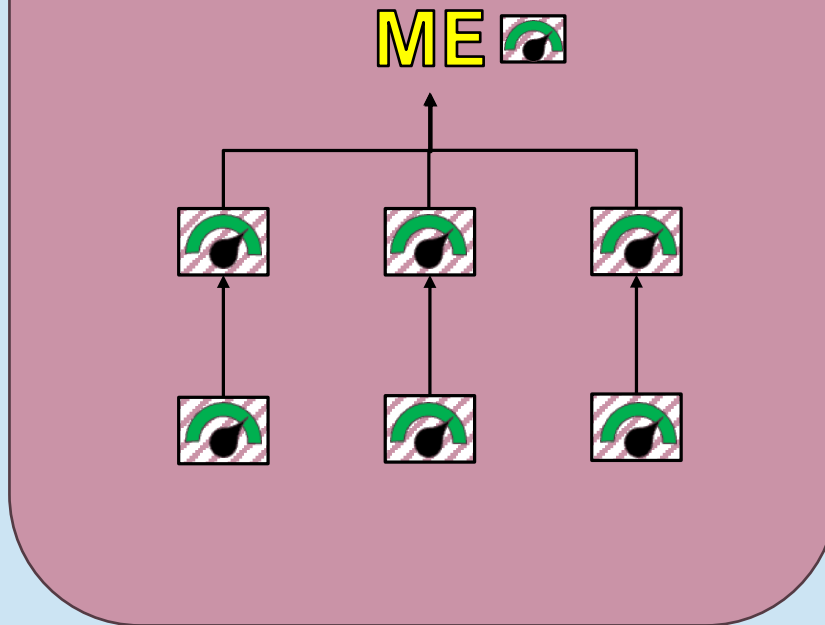


Increase Priority



The 5th Method: Coordinate Policies

Coordinate Policies



Let's walk through a simple what-if scenario that considers LEAN activities.

Let's walk through a simple what-if scenario that considers LEAN activities.

People have blamed LEAN for its brittleness. It has been called *counter-productive* to resilience.

Lean concepts for processes

- **Takt time:**
 - All process steps occur at the same cadence (e.g., assy line).
 - Cadence set by customer demand (e.g., deliver 10/day).

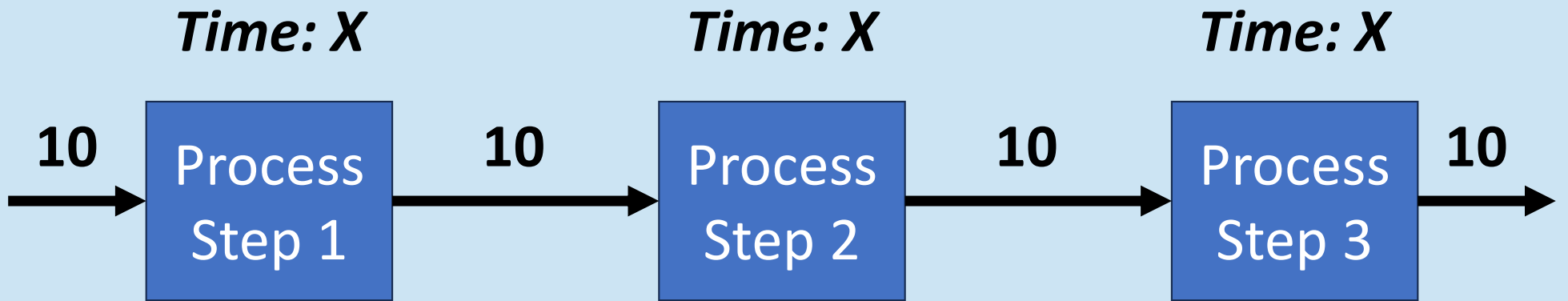
Lean concepts for processes

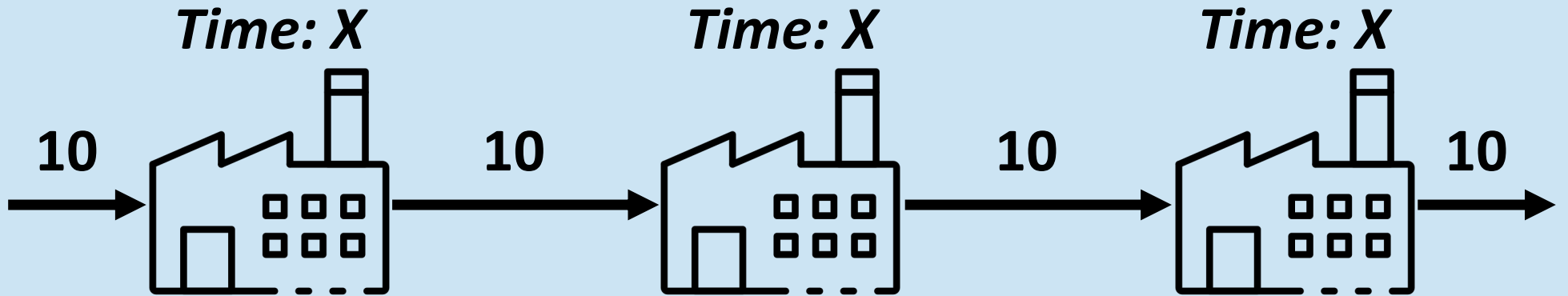
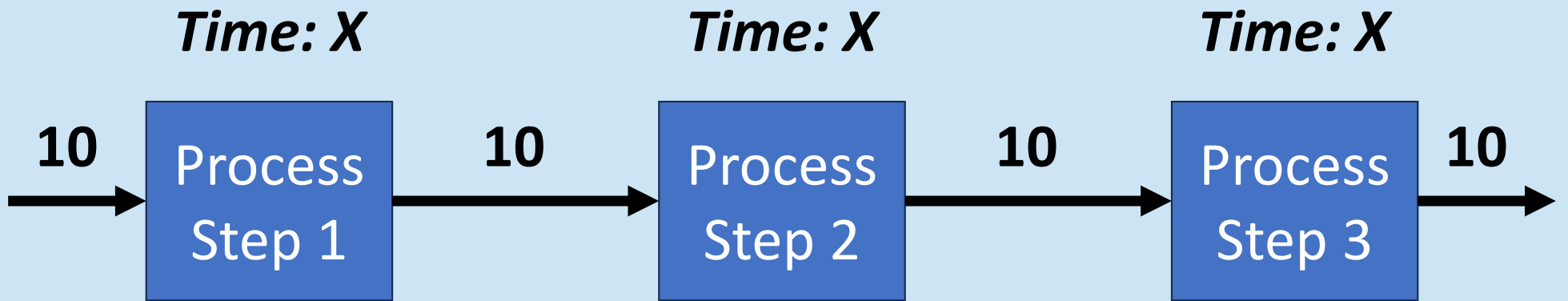
- **Takt time:**
 - All process steps occur at the same cadence (e.g., assy line).
 - Cadence set by customer demand (e.g., deliver 10/day).
- **Load leveling:**
 - The work for each process step should take the same amount of time (e.g., takt time).
 - Move, eliminate, or distribute work among the process steps to level the load.

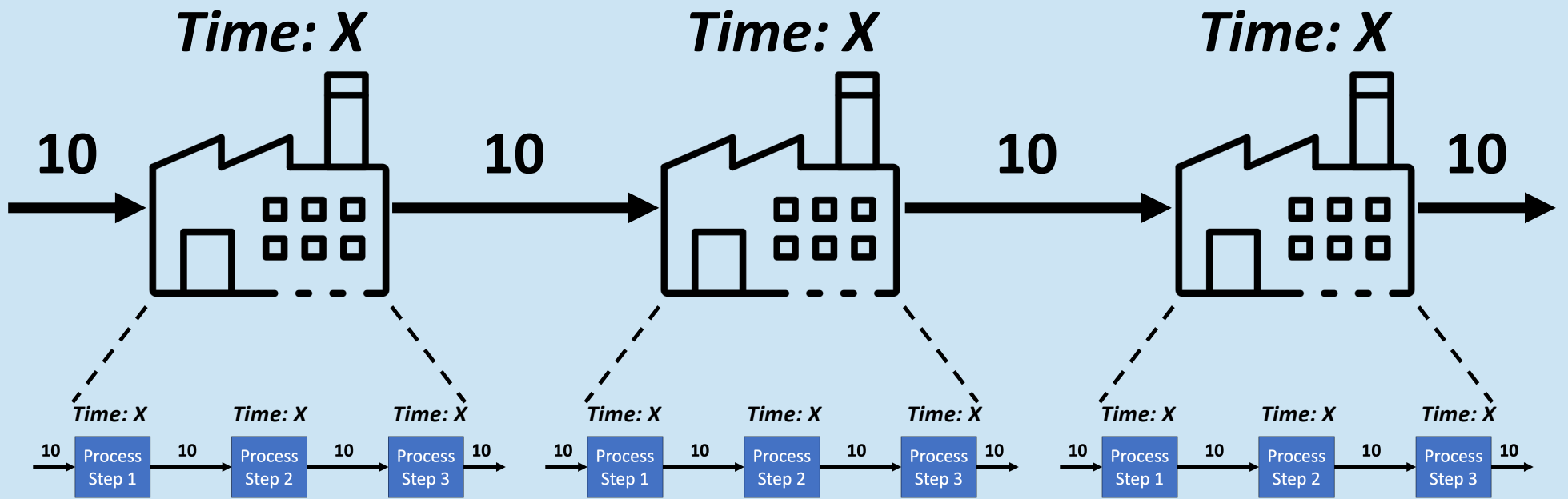
Lean concepts for supply chains

- **Takt time:** *deliveries*
 - All *process* steps occur at the same cadence (e.g., assy line).
 - Cadence set by customer demand (e.g., deliver 10/day).
- **Load leveling:** *company*
 - The work for each *process* step should take the same amount of time (e.g., takt time).
 - Move, eliminate, or distribute work among the *process* steps to level the load.

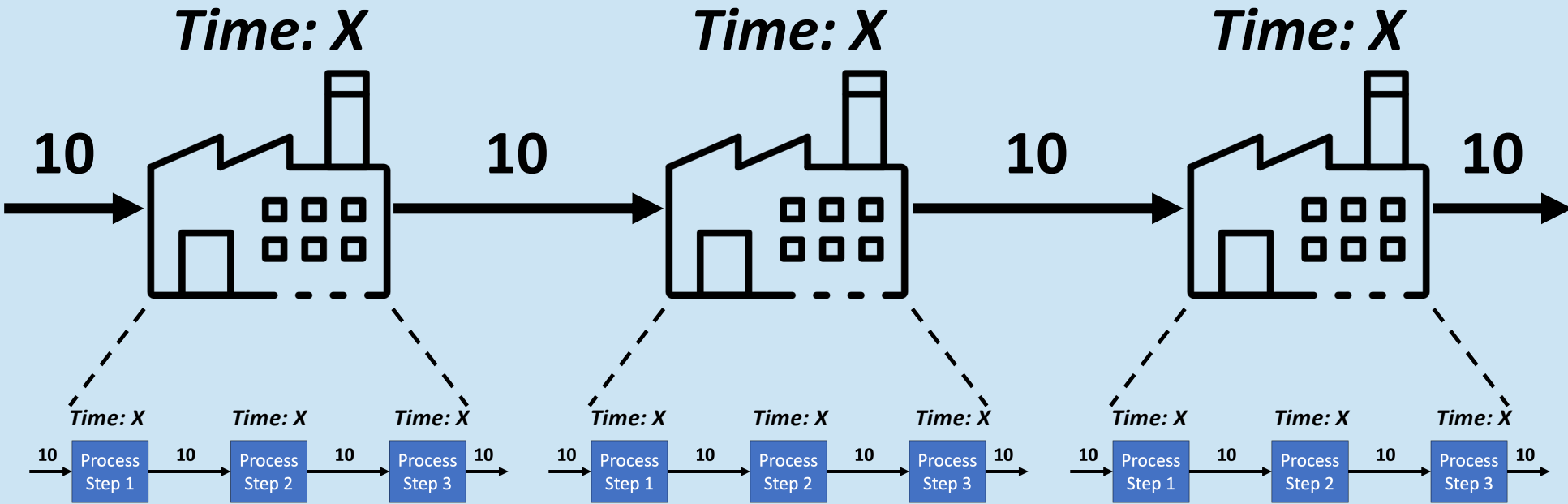
companies







Macro Lean



Micro Lean

July 23, 2025
WEDNESDAY 10:00 AM EST

STRUCTURAL MODELING the IMPACT of Supply Chain Policy Misalignment

**Strategic Risk
Structural Simulation**

SUPPLY CHAIN CHAT



Greg Schlegel
Founder CEO
[The SCR M Consortium](#)



Chris White
Founder, President
[scmBLOX](#)

Quantifying Risk, Recovery, and Resilience
in a Fragmented World



**Tenured
Industry Experts**

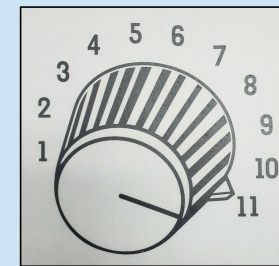
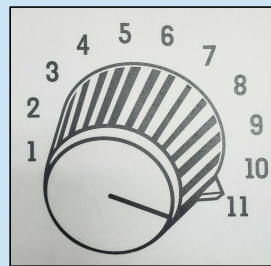
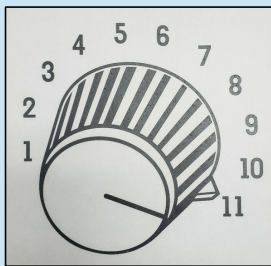
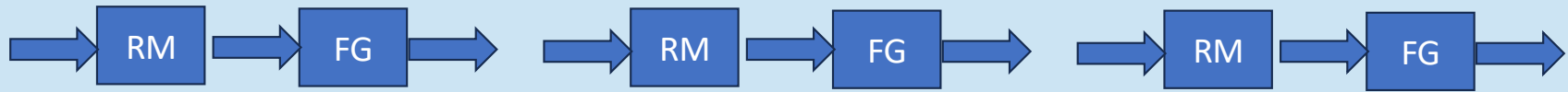
**PARTICIPATION
ENCOURAGED**



Jim de Vries
Founder Managing Partner
[Enhance International Group](#)

Enhance Resilience Strategies Amidst Geopolitical Volatility and Deglobalization Trends

© 2025 SCR M Consortium, LLC Confidential Information, scmBLOX, LLC and Enhance International Group, LLC
Unauthorized Reproduction/Distribution is Prohibited



Desired Recovery Time to Get to Desired FG Buffer

Scenario 1:
25% Increase in
Demand
(Sustained)

Tier 1

High

Med

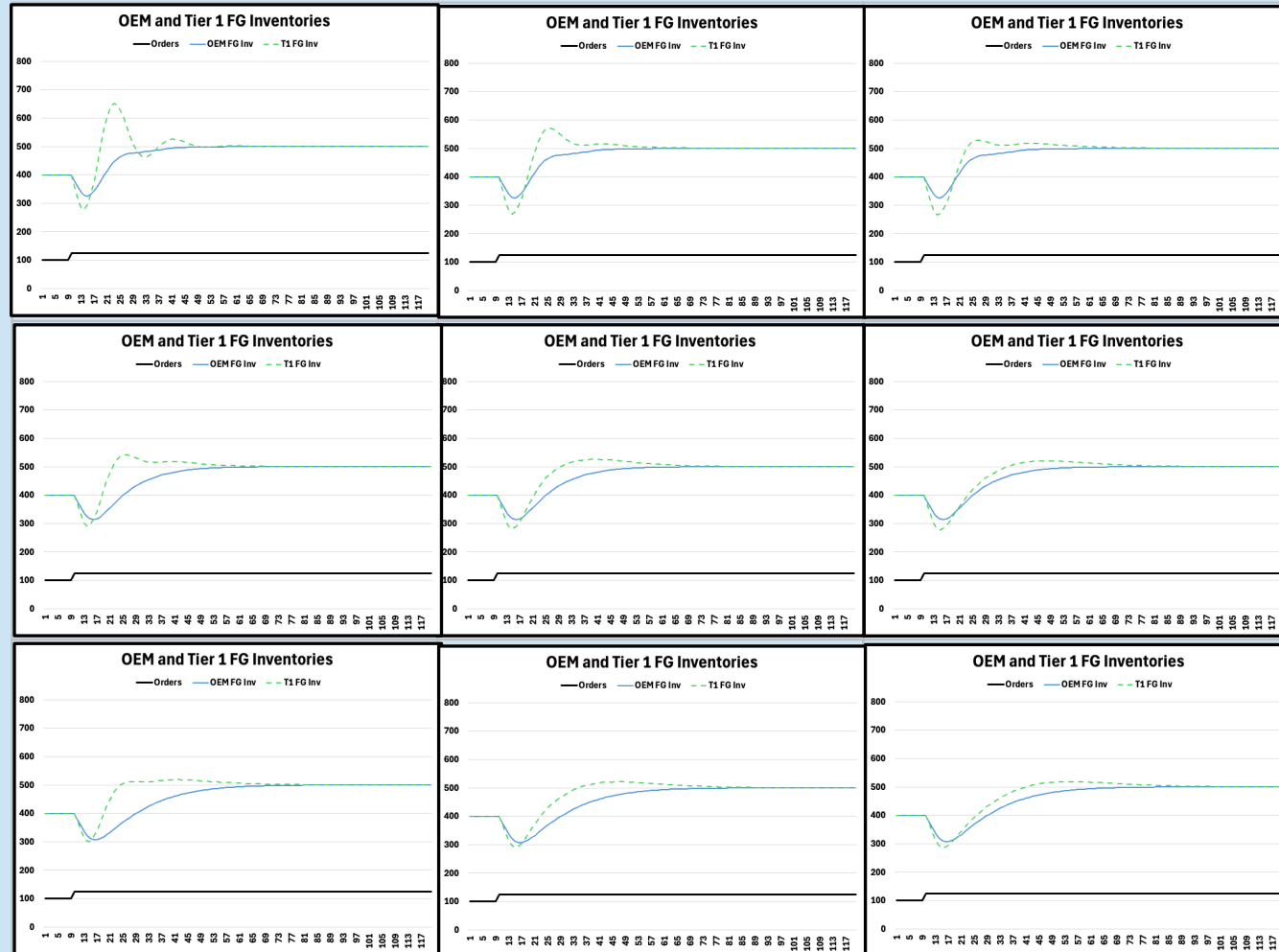
Low

High

OEM

Med

Low



Scenario 2:
25% Increase in
Demand
(20 Weeks)

Resilience Metrics

Amplitude:

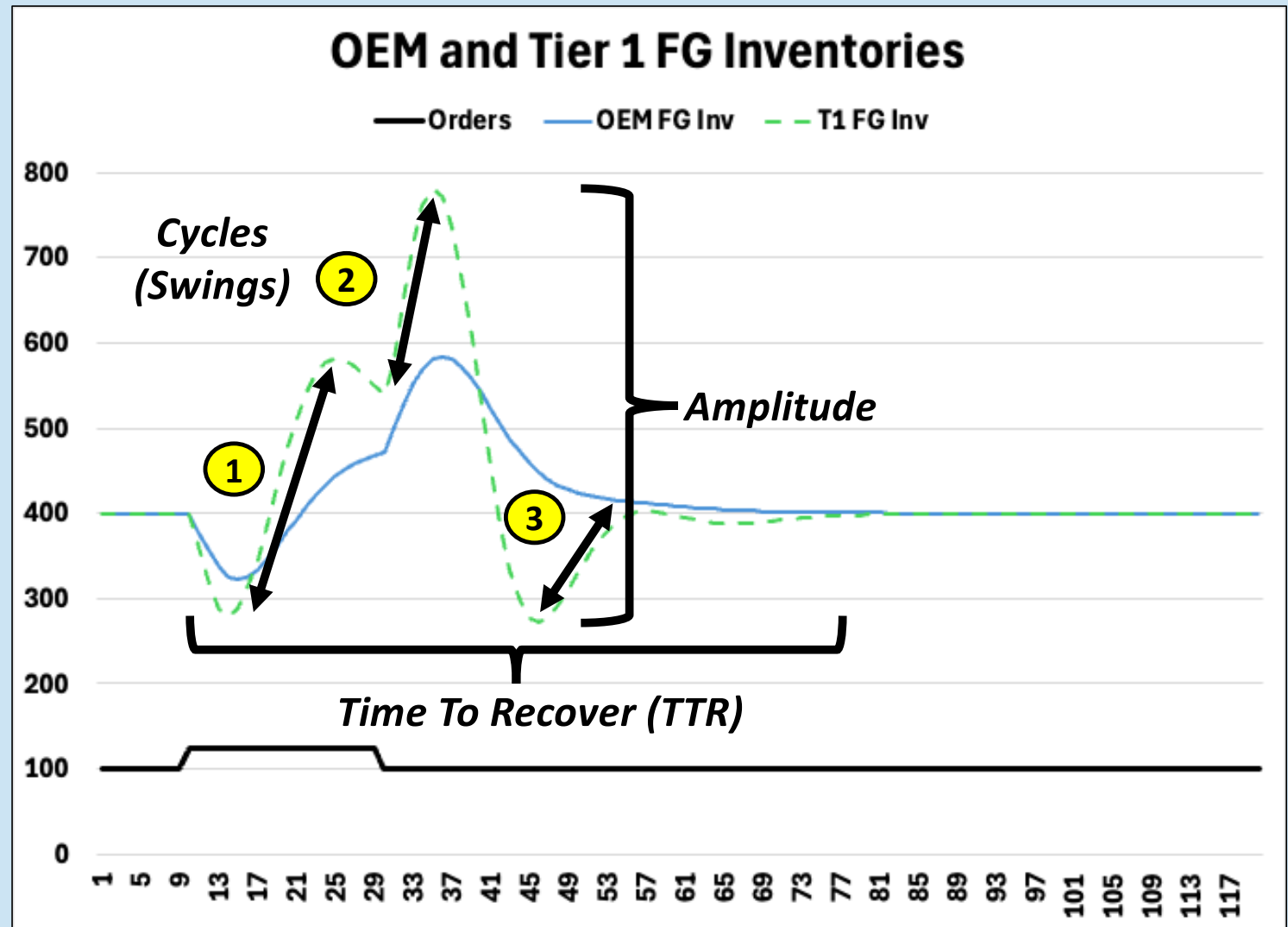
Max % Above – Min % Below

Time To Recover:

Time from Initial Change to Settling Down (within 5% of Normal)

Cycles (Swings):

Number of High/Low Combinations



Tier 1

High

Med

Low

High

Metric	OEM	T1	Metric	OEM	T1	Metric	OEM	T1
Amplitude	63%	141%	Amplitude	63%	146%	Amplitude	63%	152%
TTR (Wks)	34	50	TTR (Wks)	34	42	TTR (Wks)	34	37
Cycles	2	4	Cycles	2	3	Cycles	2	2

Metric	OEM	T1	Metric	OEM	T1	Metric	OEM	T1
Amplitude	68%	106%	Amplitude	68%	119%	Amplitude	68%	121%
TTR (Wks)	45	45	TTR (Wks)	45	55	TTR (Wks)	45	51
Cycles	1	2	Cycles	1	1	Cycles	1	1

Metric	OEM	T1	Metric	OEM	T1	Metric	OEM	T1
Amplitude	68%	92%	Amplitude	68%	102%	Amplitude	68%	103%
TTR (Wks)	56	55	TTR (Wks)	56	59	TTR (Wks)	56	57
Cycles	1	2	Cycles	1	1	Cycles	1	1

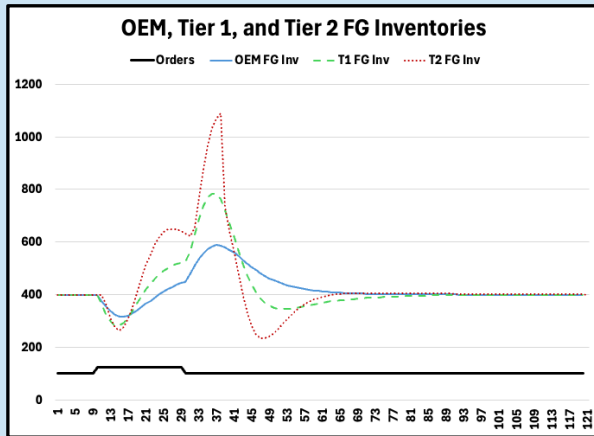
OEM

Med

Low

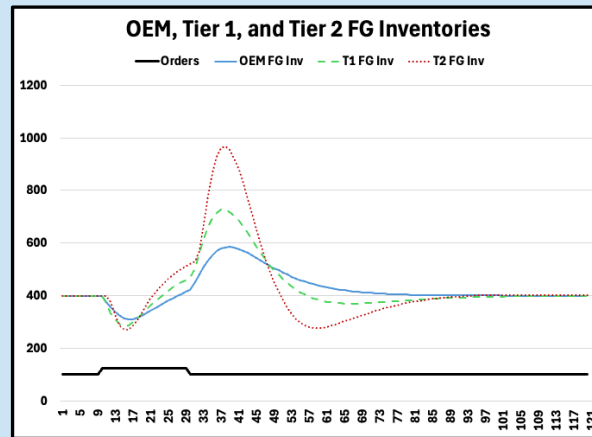
Scenario 3:
25% Increase in Demand
(20 Weeks)
Tier 2 Added

All High



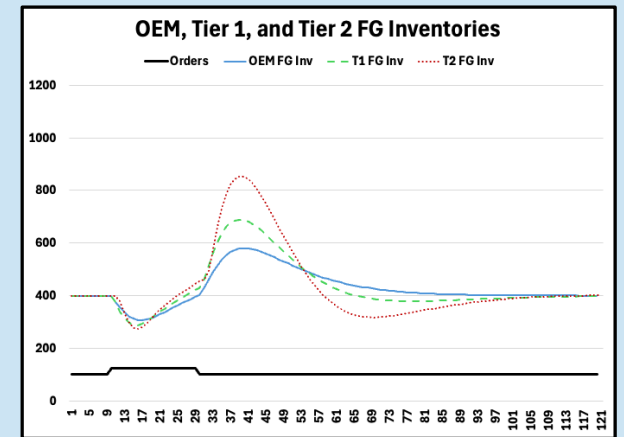
Metric	OEM	T1	T2
Amplitude	68%	126%	214%
TTR (Wks)	44	51	45
Cycles	1	2	3

All Med



Metric	OEM	T1	T2
Amplitude	69%	111%	175%
TTR (Wks)	50	58	66
Cycles	1	1	2

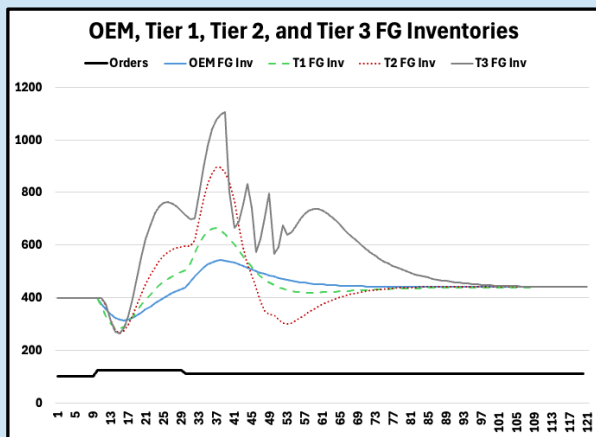
All Low



Metric	OEM	T1	T2
Amplitude	68%	100%	145%
TTR (Wks)	59	54	78
Cycles	1	1	1

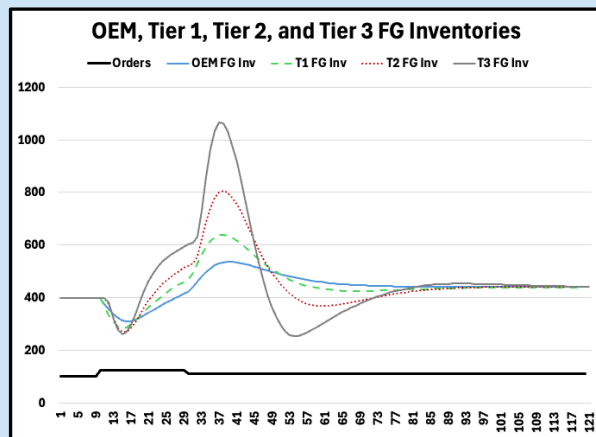
Scenario 4:
25% Increase in Demand
(20 Weeks)
Tier 2 Added
Tier 3 Added

All High



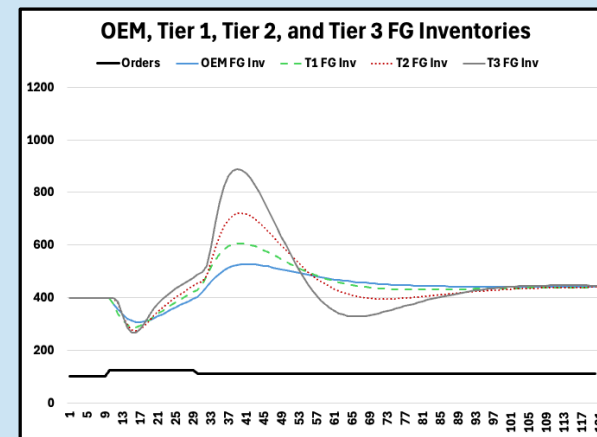
Metric	OEM	T1	T2	T3
Amplitude	57%	95%	157%	211%
TTR (Wks)	58	72	68	91
Cycles	1	2	2	6

All Med



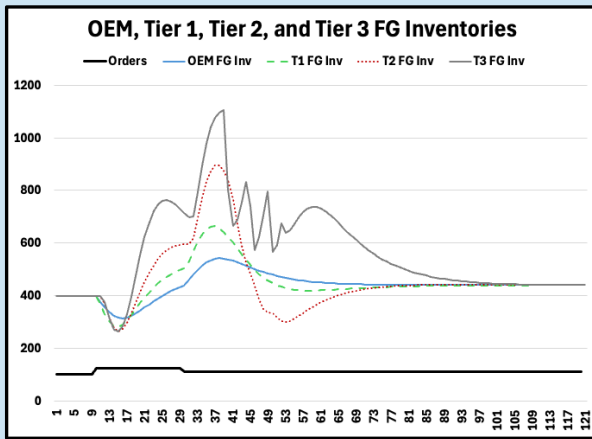
Metric	OEM	T1	T2	T3
Amplitude	57%	89%	135%	203%
TTR (Wks)	63	82	79	100
Cycles	1	1	2	2

All Low



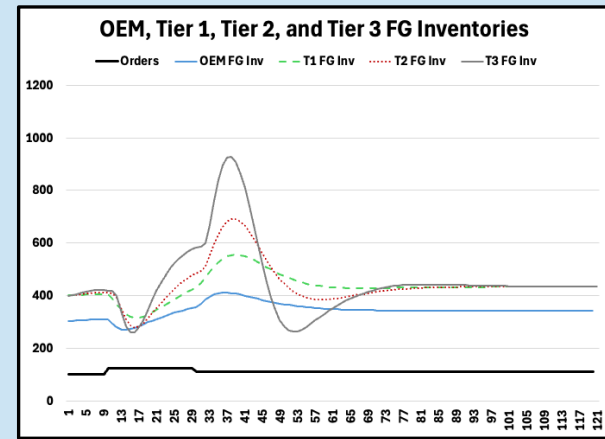
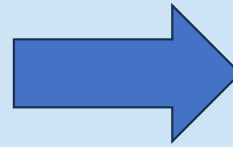
Metric	OEM	T1	T2	T3
Amplitude	56%	80%	112%	156%
TTR (Wks)	58	72	68	91
Cycles	1	1	2	2

All High



Metric	OEM	T1	T2	T3
Amplitude	57%	95%	157%	211%
TTR (Wks)	58	72	68	91
Cycles	1	2	2	6

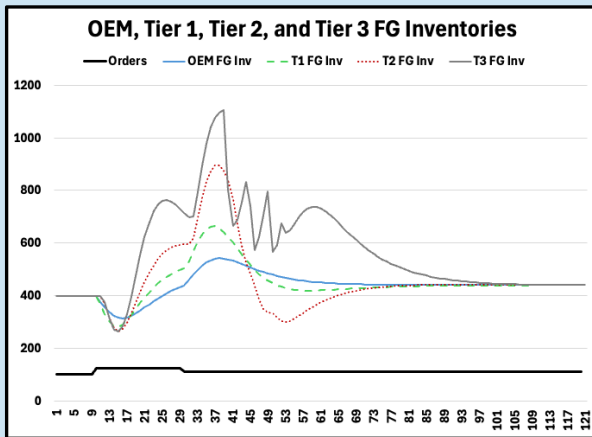
**Only OEM:
50% Reduction in Production CT,
50% less Safety Stock**



Metric	OEM	T1	T2	T3
Amplitude	47%	60%	103%	167%
TTR (Wks)	50	55	70	84
Cycles	1	2	2	3

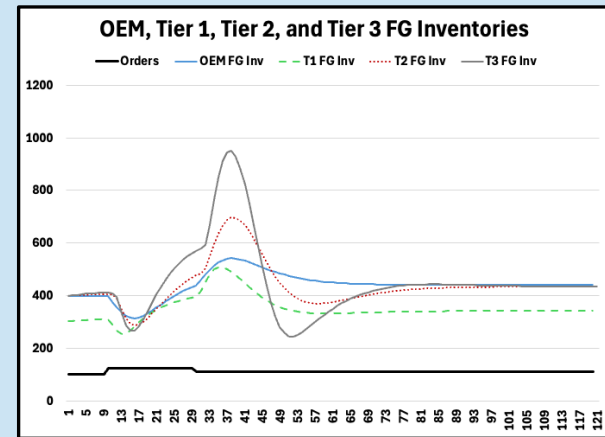
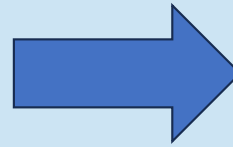


All High



Metric	OEM	T1	T2	T3
Amplitude	57%	95%	157%	211%
TTR (Wks)	58	72	68	91
Cycles	1	2	2	6

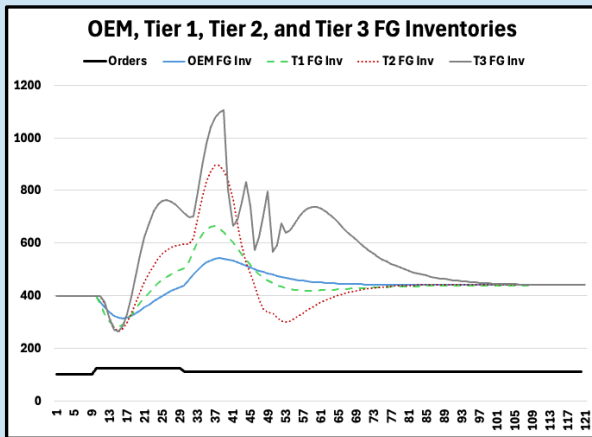
**Only Tier 1:
50% Reduction in Production CT,
50% less Safety Stock**



Metric	OEM	T1	T2	T3
Amplitude	57%	84%	102%	177%
TTR (Wks)	56	58	75	87
Cycles	1	2	2	3

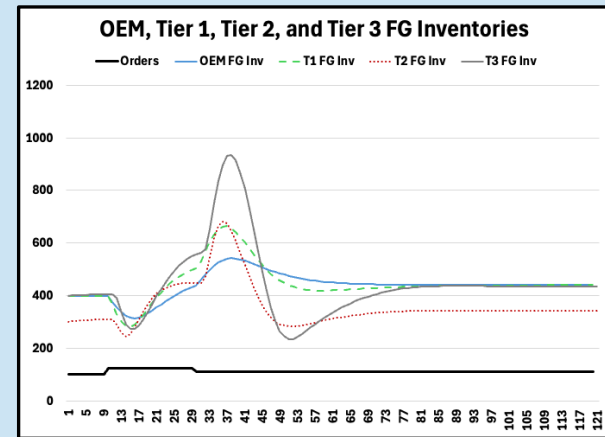
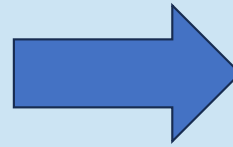


All High



Metric	OEM	T1	T2	T3
Amplitude	57%	95%	157%	211%
TTR (Wks)	58	72	68	91
Cycles	1	2	2	6

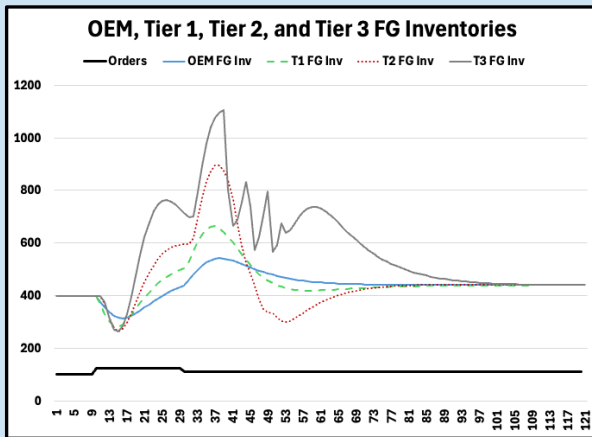
**Only Tier 2:
50% Reduction in Production CT,
50% less Safety Stock**



Metric	OEM	T1	T2	T3
Amplitude	57%	95%	146%	176%
TTR (Wks)	57	71	63	80
Cycles	1	2	2	3

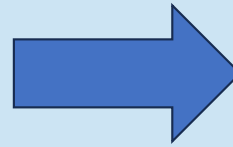


All High



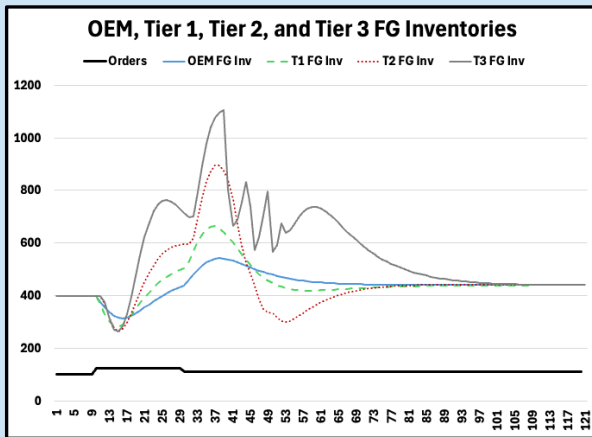
Metric	OEM	T1	T2	T3
Amplitude	57%	95%	157%	211%
TTR (Wks)	58	72	68	91
Cycles	1	2	2	6

**Only Tier 3:
50% Reduction in Production CT,
50% less Safety Stock**



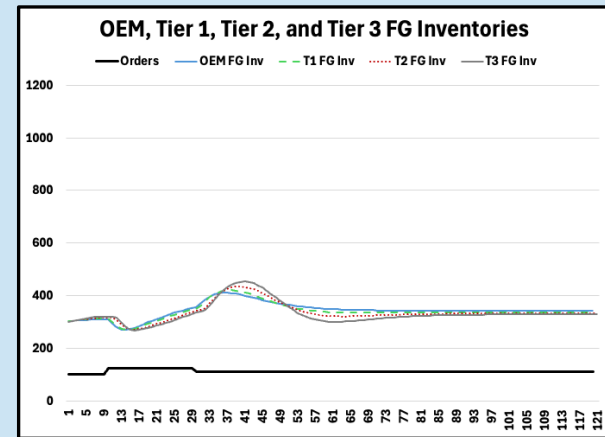
**UNSTABLE WHEN SUPPLIER
IS AT THE END OF THE
BULLWHIP!**

All High



Metric	OEM	T1	T2	T3
Amplitude	57%	95%	157%	211%
TTR (Wks)	58	72	68	91
Cycles	1	2	2	6

All: 50% Reduction in Production CT, 50% less Safety Stock



Metric	OEM	T1	T2	T3
Amplitude	47%	50%	55%	62%
TTR (Wks)	50	48	63	68
Cycles	1	1	1	1



**Experts talk about sharing
data with your suppliers.**

**Experts talk about sharing
data with your suppliers.**

**The more resilient approach
is to share your *policies*.**

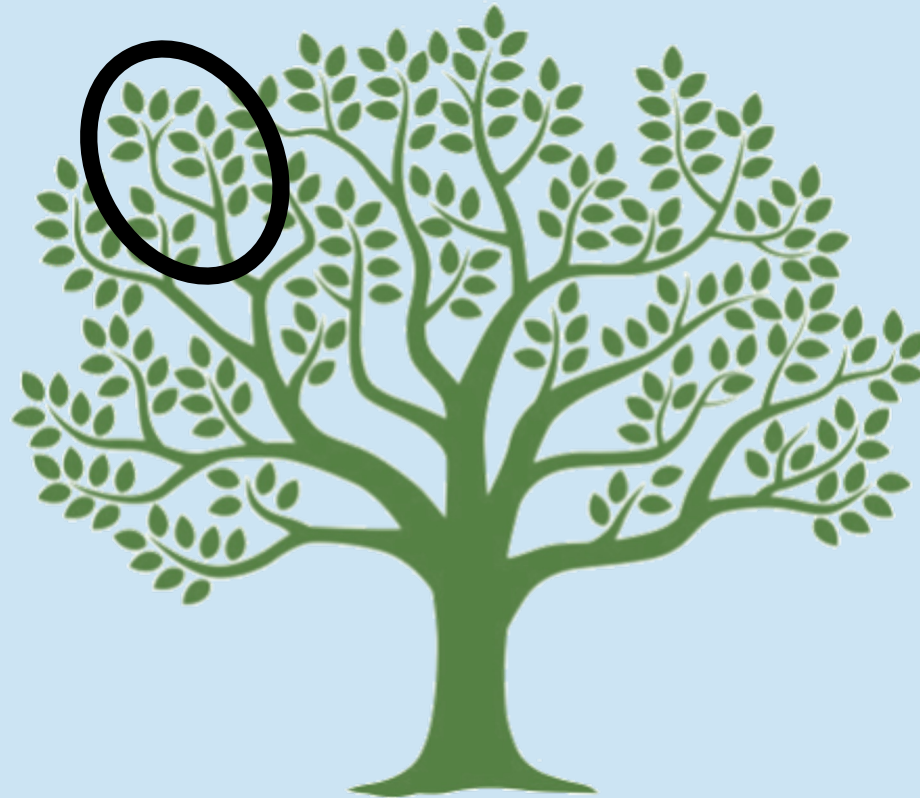
The Challenge: Balancing Efficiency and Resilience

The Challenge: Balancing Efficiency and Resilience



The Challenge: Balancing Efficiency and Resilience

**What good is
optimizing
leaves here . . .**



The Challenge: Balancing Efficiency and Resilience

What good is
optimizing
leaves here . . .



. . . when you should have taken
this branch to begin with.

The Challenge: Balancing Efficiency and Resilience



**Now we
optimize!**

Questions?



**The foundation for building
resilient supply chains.**