

Supply Chain Management: SCM 4.0/5.0 Strategies for 2023

Coordinator, Facilitator



D. Scott Sink

IISE Performance Excellence
and Op Analytics Lead

Our Presenter today:



Jared Frederici
Sr. Leader & MBB
The Poirier Group

9 Feb 2023



INSTITUTE OF
**INDUSTRIAL
& SYSTEMS**
ENGINEERS



Focused Performance Improvement

Agenda

- 11:00-11:07 Scott Tee-up
- 11:07-11:37 Jared execute on story line
- 11:40-11:50 Scott and Jared Dialogue (using chat from audience)
- 11:51-12:00 Scott Close out and tee up upcoming webinars and IISE Annual Conference



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Our 2023 'Lead-off' Trilogy:

Insightful Leadership on Supply Chain Management

01.06.23 Jim Tompkins Perspectives and Points of View (Insightful Leadership)

01.13.23 Best Practice Case Study—Peavey Industries

Successful Integration of People, Information and Technology Enablement, Strategy and Process

02.09.23 Cutting Edge ISE Principles and Methods for SCM 4.0/5.0

with Jared Frederici, TPG



Housekeeping



- 1 Thank you for joining us!
- 2 We'll share how to get access to the recording, presentation, YouTube versions and blogs at the end of the webinar. The presentation is available now, use this link to get.. (we'll post as a chat)
- 3 We will field questions as appropriate and time permits. Please **use the 'chat' function** to share your comments and questions.
- 4 Follow up questions are welcomed and contact information is provided at the end of the presentation.
- 5 For those who value **certificates of participation**, IISE will be mailing those out the week after the webinar. Be patient and check your clutter and spam folders if you don't receive one.

Thanks to our Sponsor and Partner for investing time, money, energy programming and directing this overall Program for IISE!



THEMES:

- **Supply Chain 4.0**
- **Enterprise Transformation and OpEx**
- **Strategic Performance Improvement Planning**
- **Operational Analytics**
- **Cultures to support Perf Excellence**
- **Integration of People, Strategy, Process and Technology**
- **Integrated LeanSigma**
- **Industry, Service, Healthcare 4.0**
- **Personal and Professional Learning and Development**
- **Change Leadership and Management**

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Our three part series of webinars on Organizational and Operational Excellence in the Fall Quarter culminated in this article in the ISE Magazine (Dec 2022)

To access a copy of this article, please use this link:

<https://www.thepoiriergroup.com/creating-resilient-organizational-excellence-programs-amid-major-disruptions/>

ISE
INDUSTRIAL AND SYSTEMS ENGINEERING AT WORK
DECEMBER 2022 | Volume 54 | Number 12 | \$24

**Resilience
for the new
Roaring '20s**
*How to ride
the waves of
disruptions*

What's Your Story?
Bill Franks

Growing leaders for
the new world of work

Top *Problem Solved* episodes
of the last year

The right containers
as a Lean solution

NASA cultivates crops
for space travel

For a short recap of Jim Tompkins webinar, read our blog.... <https://www.thepoiriergroup.com/perspectives/>

SUPPLY CHAIN MANAGEMENT SERIES



PART 1 OF 3



We asked Jim Tompkins, CEO Tompkins Ventures, to share his insights on Supply Chain Challenges and Opportunities for the coming year. Here's a quick summary of what he shared during his recent webinar.

A recent Wall Street Journal article stated in December 2022 that, "After two years of disruption, supply chains are almost back to normal." Are you hearing, "our supply chain people are doing a great job this year?"

It might be wise to think again about these statements—as there is good news and bad news for 2023. First the good news - Supply Chains have gained a lot of visibility from consumers right up to the C-suite.

And, go to the IISE link to get the presentation and view the video:

<https://www.iise.org/details.aspx?id=53670>



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SUPPLY CHAIN LEADERSHIP INSIGHTS FOR THE '20S

Global Performance Excellence Webinar

Jan. 6, 2023

Presenter: Jim Tompkins

Jim Tompkins will be providing attendees with insightful leadership on supply chain management 4.0 and, specifically, perspectives and points of view on challenges and opportunities for supply chain management in 2023.

[Download PDF](#)

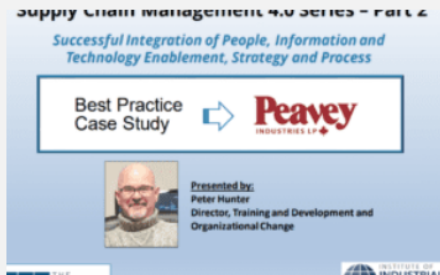
[Download Video](#)

Visit The Poirier Group's Website to access Jim Tompkin's webinar and blog from last week

<https://www.thepoiriergroup.com/perspectives/>



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Insightful Leadership: Supply Chain Management 4.0 Series – Part 2

January 13, 2023

[Read More >>](#)



Insightful Leadership: Supply Chain Management 4.0

January 12, 2023

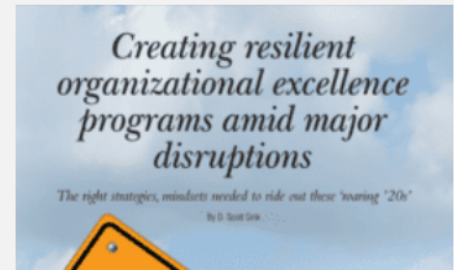
[Read More >>](#)



2023 – Critical Success Factors for the Year Ahead

January 12, 2023

[Read More >>](#)



Creating Resilient Organizational Excellence Programs Amid Major Disruptions

December 8, 2022

[Read More >>](#)



Building Great Business Process Improvement Programs

December 8, 2022



Creating Better and More Resilient Productivity Improvement Programs in Difficult Economic Periods



Surfing the Waves to Organizational Excellence





September 26, 2022



Unlocking Capacity Within Your Organization

September 20, 2022

Today's Webinar focuses on these Critical Factors for Success in a Challenging 2023

- **Develop/Invest** in your Talent—*You win with People*
- **Create Value**—diversify and solidify existing revenue streams and keep investing in the positioning and marketing process
-  **Control** Costs—reduce wastes, improve productivity and quality
-  **Reduce** Working Capital, improve liquidity by making tough, timely choices but also by finding ways to manage assets constituting Working capital better, faster, NOW!
-  **Build/Grow** your Business Process Improvement capabilities, invest in partners and talent development to ensure you are improving what you do and how you do what you do better, faster.
-  **Improve Flow**—reduce cycle times and lead time, focus on cross-functional value stream improvement.

David Poirier, CEO The Poirier Group, Jan 2023

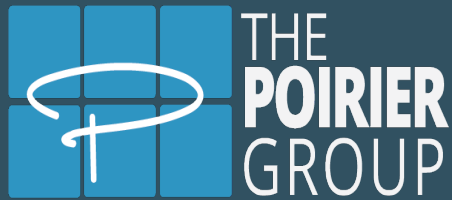
Story Line for today

Agenda/Story Line:

- Supply Chain Management 4.0/5.0 is all about the integration of People, Strategy, Process and Information and Technology Enablement;
- It's clear from our first webinar in this trilogy, Jim Tompkins, that the requirements for success in SCM have changed dramatically, I'll review in what ways;
- There are some innovative applications of Integrated Systems Engineering that we've been applying with our clients that Jared will share for your consideration;
- The 'end game' in SCM for most middle tier organizations is resilience, pre-activeness (as Jim said), agility and flexibility and most importantly rationalized optionality of how we get the right things, right amount and quality, right place at right time and cost..

**To get a copy of our the presentation and YouTube Version of the recording for the Webinars from 6 & 13 Jan. <https://www.thepoiriergroup.com/>
<https://www.youtube.com/channel/UCixxhLPZrwdK-DdKYqYZm1A>**

Supply Chain Management 4.0 in Periods of Disruption



Focused Performance Improvement



Jared Frederici
Senior Leader,
The Poirier Group

Supply Chain – State of the Industry

Expect disruptions. Things are not going back to normal. New “Normals” are forming. Headwinds of a recession are already impacting Supply Chain decisions and planning.

Rising Demand for Third-Party Logistics

Drivers:

- Rising demand from e-commerce
- Global supply chain complexity increasing
- Reduction in physical locations and connected Ecomm ecosystems



Increasing Transportation Costs

Drivers:

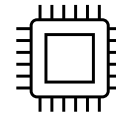
- Overall Inflation
- Wage increases and worker safety regulation
- Rising fuel costs due to war in Ukraine



Advancing Technologies

Drivers:

- New technology in hybrid/electric vehicles
- Advanced warehouse management software
- Industry 4.0/IoT driving operational efficiency



Rising Complexity – Need for Visibility

Drivers:

- Global overproduction
- Increased e-commerce demand
- Residual disruptions by COVID-19
- Push for deglobalization

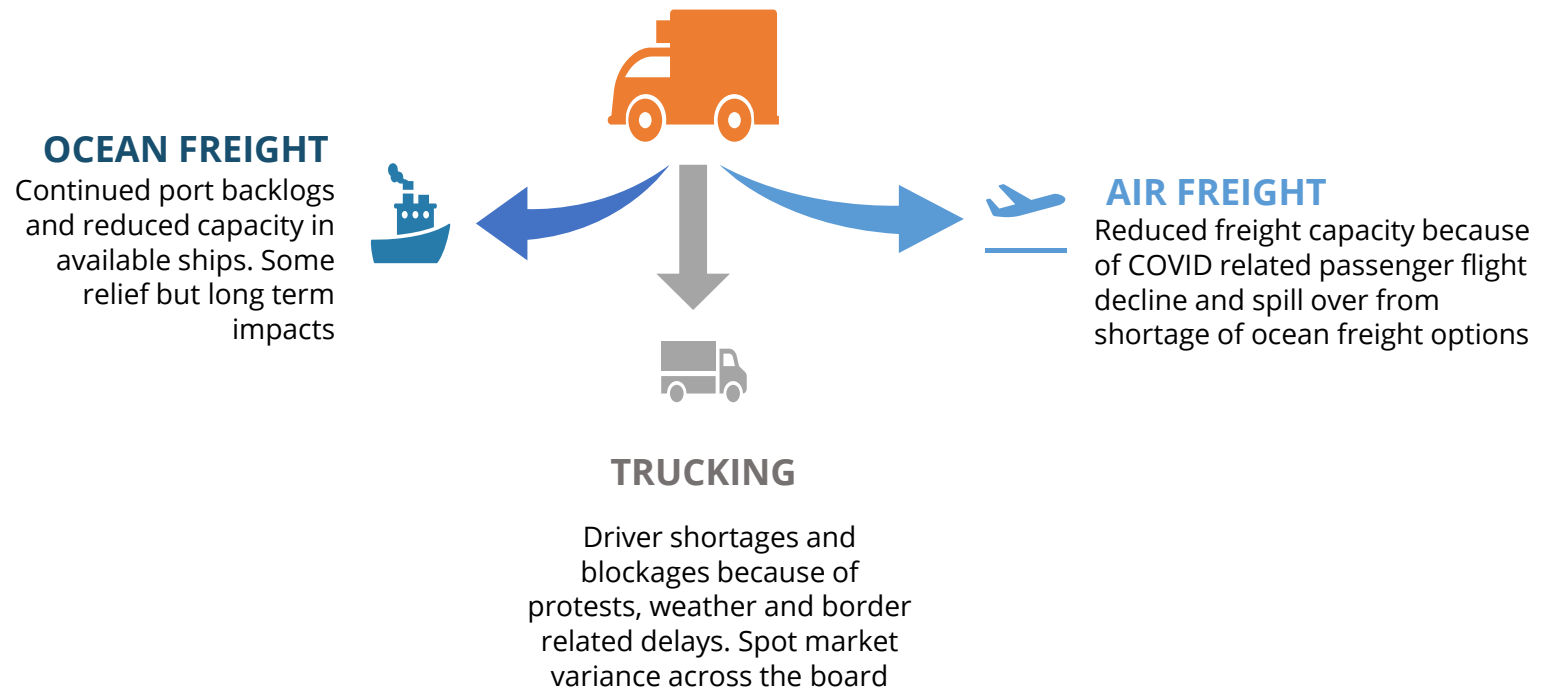


Organizations need to be equipped to make interventions at different phases in the end-to-end Supply Chain, leveraging different techniques, based on relative **maturity**

Transportation – State of the Industry

Change is the new normal. Some relief at the ports but long term ripple effects on manufacturing are impacting up a number of industries (long range bullwhip effect)

The Transportation industry is faced with capacity issues everywhere.



Assessing Supply Chain Maturity

We can often romanticize “models” – there are many good ones to assess maturity available but you must fit to your organization type

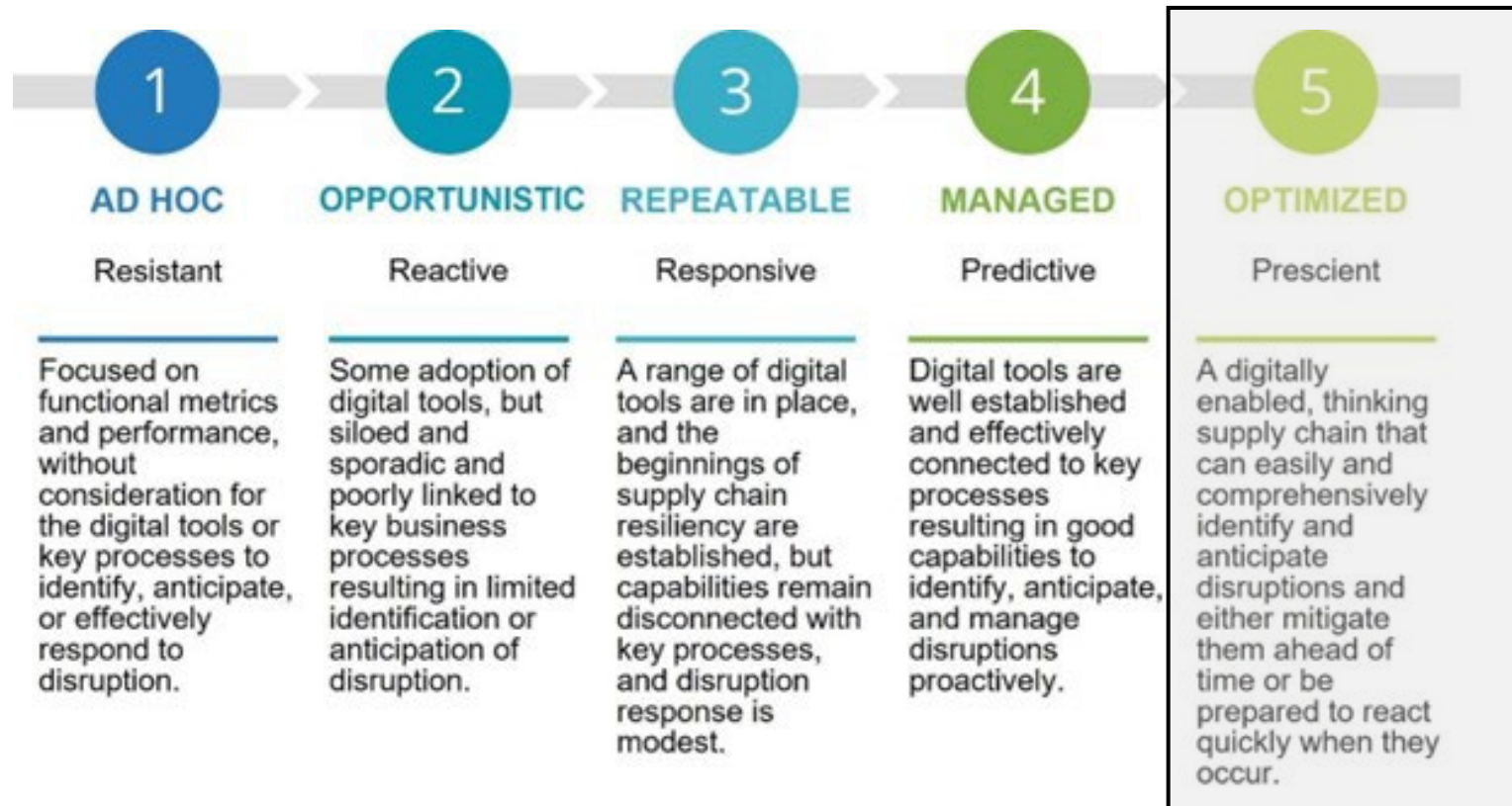
Very high maturity
 High maturity
 Medium maturity
 Low maturity
 No maturity
 x Score

	SC strategy				Planning			Physical flow					
	Network design	SC segmentation	Demand planning	Inventory mgmt	S&OP/ integrated business planning	Master planning	Scheduling	Ware- house operation	Transport operation	Assess- ment and tender of logistics	Order mgmt	Collabo- ration	Perform- ance mgmt
Data	1	1	1	2	1	1	4	5	1	5	2	1	1
Analytics	3	1	2	1	5	4	1	1	3	3	1	4	3
Software/ hardware	4	1	5	1	1	3	3	2	1	2	1	3	4
People	1	1	1	2	1	1	4	5	1	4	2	1	1
Process	3	1	2	1	5	4	1	1	3	3	1	4	3

This is one of many maturity models. 1-5 often follows “Blooms Taxonomy”. Visualizing the “end-to-end” and assessing maturity are first steps.

Migrating from Ad hoc to Digital, Prescient Ecosystems

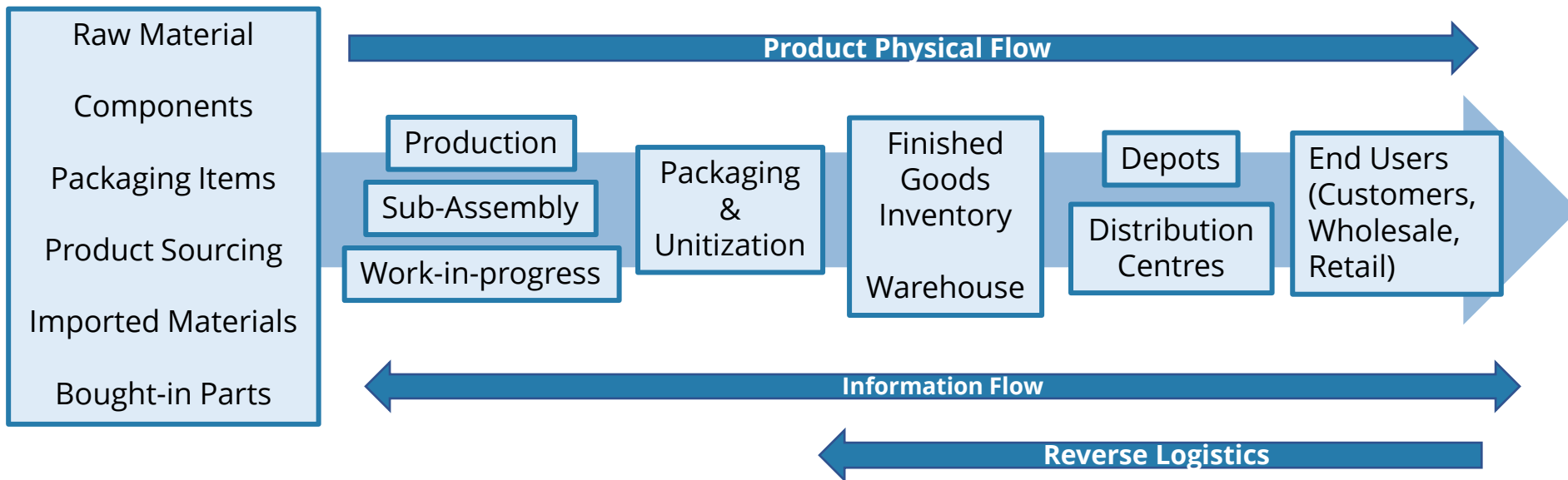
Not so long ago, “Predictive” was #5...



The most advanced supply chains can run largely digitally, predicting with high degrees of accuracy disruptions, and putting mitigation plans/strategies in place autonomously

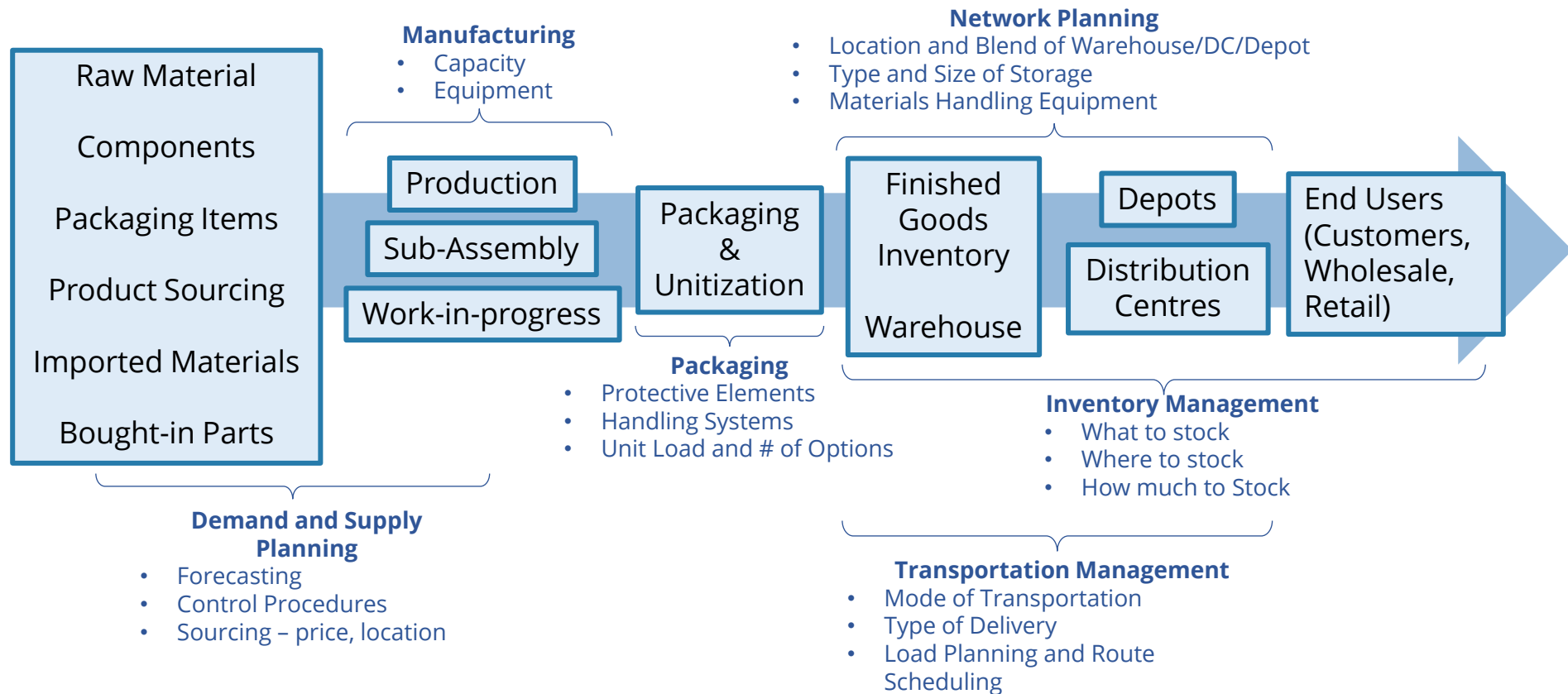
Supply Chain – From Raw Material to End User

Supply Chains vary widely based on the what needs to occur for the physical product (or service!). The flow starts with the input supplies; the conversion (manufacturing/packaging); the storage and/or fulfillment; and the end user.



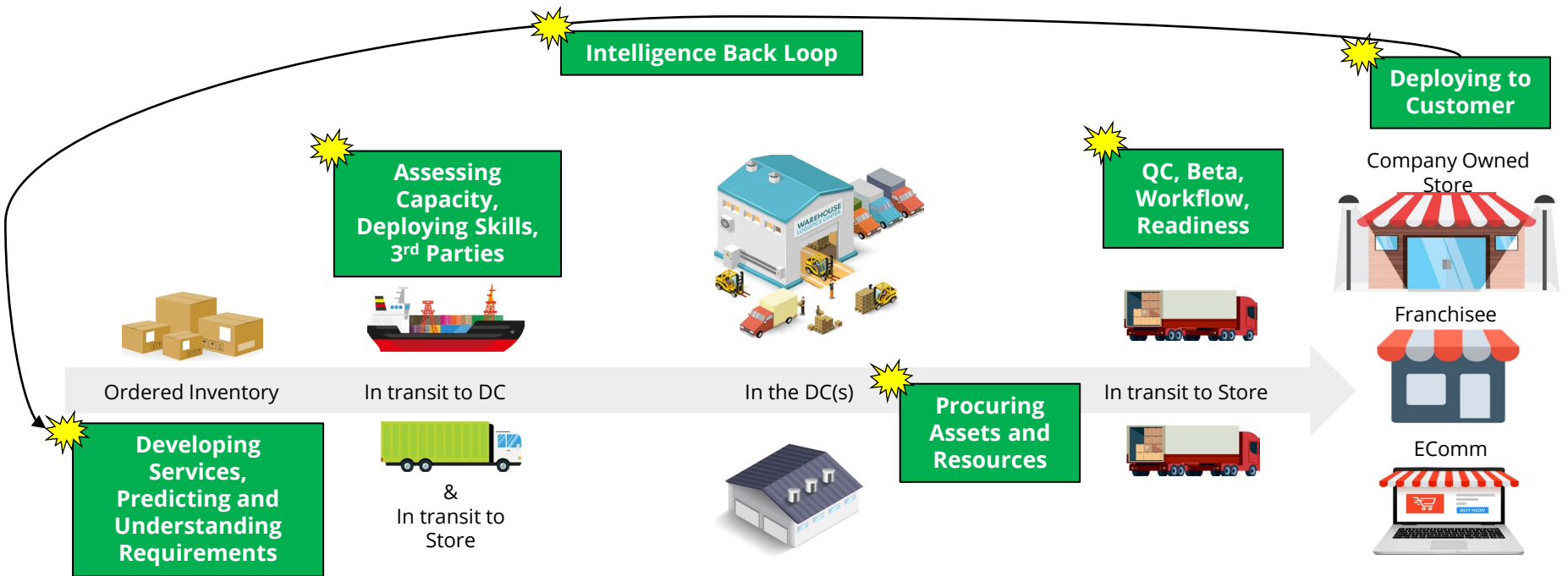
Supply Chain – End to End with Decision Points (and Failure Modes)

Optimizing the performance of a supply chain is typically aligning multiple decision points with the corporate strategy and customer requirements.



Retail and Manufacturing Supply Chains vs. Services

Retail and traditional manufacturing Supply Chains focus on getting the product to the end customer. Typically the same physical SKU will be at multiple stages in the supply chain and constantly flowing with the goal to be on shelf BEFORE the customer but not too early. Notice the nuances of a service based supply chain.



Flow in the Retail / Manuf. Supply Chain

Critical Success Factors for Retail/Manufacturing is product FLOW as demand can be forecasted but often volatile

The type, location, and ownership of the outlets has an impact on all upstream capacity needs and service levels.

Flow in the Services Supply Chain

Critical Success Factors for Service Systems is visibility to PEOPLE and how they interact with services & technology within the broader value chain

Setting the Stage – Where Many Organizations are at Within Their Supply Chains

This is the challenge many supply chain leaders are facing as costs have risen, budgets are being questioned and forecasts are being revised.

\$ 3.1-5M

Potential Direct Benefits
(migrating back to pre-pandemic costs only)

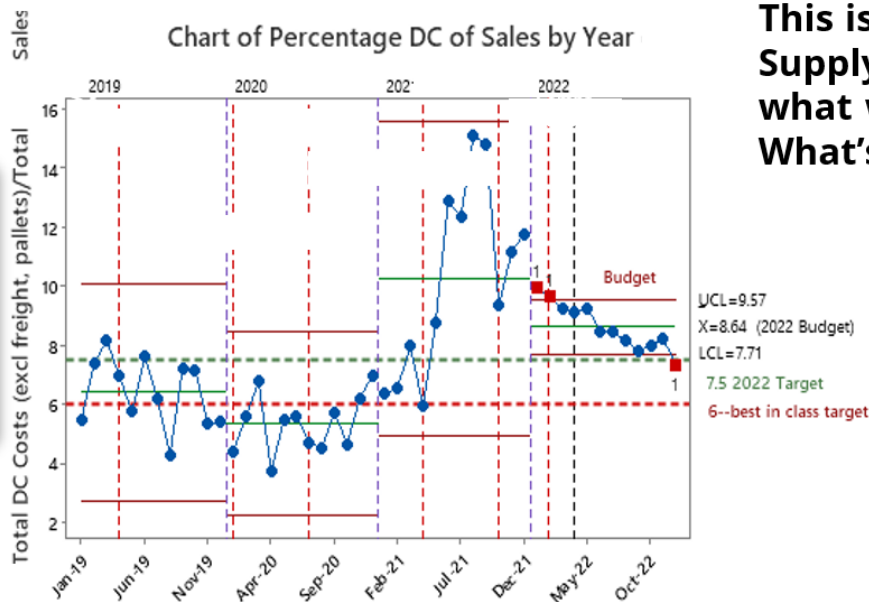
25+

External Companies
Benchmarked

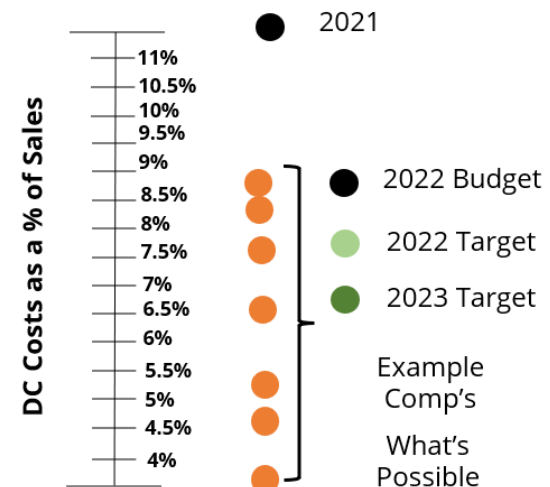
4-5%

What's Possible
2023-24'

DC #1



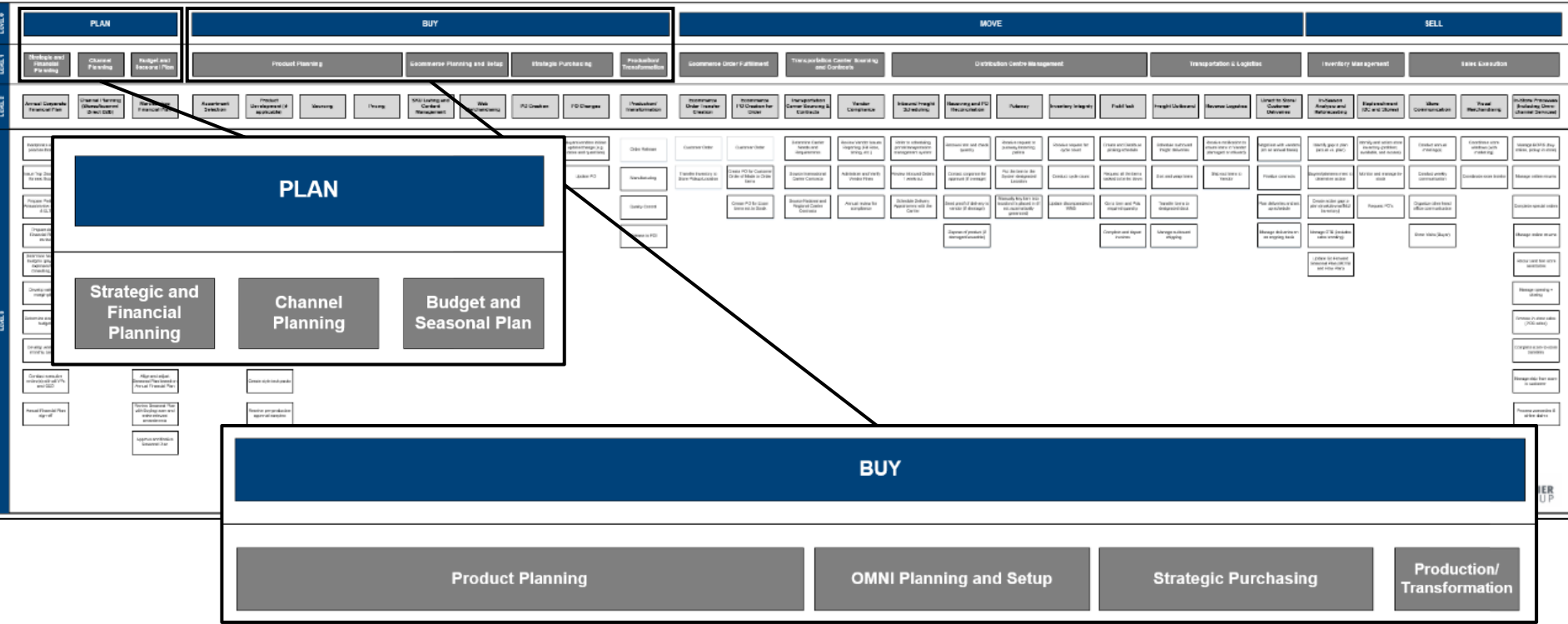
This is the fundamental question many Supply Chains face as we enter 2023 – what was the impact of the pandemic? What's possible now?



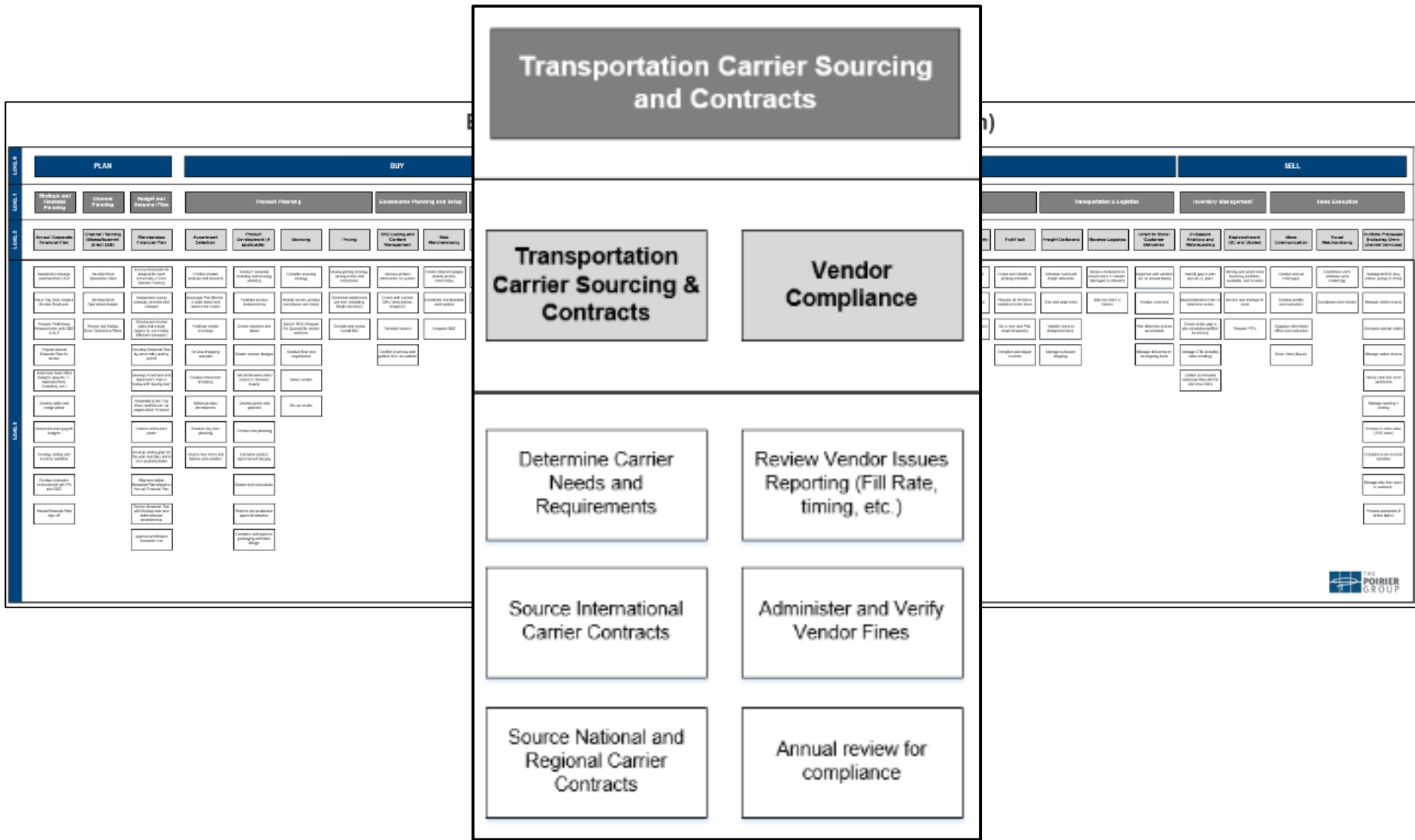
What's the bridge between what our cost structure was, what it is now, what's controllable vs. what's not?

Supply Chain – End to End Processes

End-to-End Enterprise Process Map (Supply Chain)



Zooming In – Vendor/Carrier Management for Logistics



Deep Dive 1 – Carrier/Fleet Costs

Automated carrier or internal fleet analysis (inbound, outbound, transfer) – many leveraging AI, or RPA



Actual Charged: \$8,135 @16K KG
 Actual Pounds Shipped: 862 KG
**Total Over Charged:
 ~\$7,000+**

Top 20 Carriers represents 91% of Total Freight

Small Package

Fluoride Courier	➔	\$1,179,713
SAATCHI	➡	\$50,293
UPS Canada – Delivery	➡	\$41,880
NEW COURIER INC.	➡	\$29,015
ACE COURIER SOLUTIONS	➡	\$21,357
OLD COURIER CANADA LTD.	➡	\$19,253
UPS Canada – Brokerage	➡	\$18,393

Air

COMPTON INTERNATIONAL	➡	\$879,597
TOTAL TRANSPORTATION SOLUTIONS		

Legend

- ➔ =Not enough information to determine savings
- ➡ =Expert knowledge and rate comparison, shows there are savings
- ➡ =Negotiated contract has little to no savings

LTL

PURILLATOR FREIGHT	➡	\$222,627
TRABLE NAVIGATION INC.	➡	\$103,027
WELAND TRANSPORT LIMITED	➡	\$59,924
SMITHLAIN TRANSPORT	➡	\$51,105
WFOURWAY LOGS	➡	\$35,904
FALST FREIGHT SERVICES (CAN)	➡	\$20,096
WERNER TRANSPORT	➡	\$18,066

Other

COMPTON INTERNATIONAL	➡	\$113,709
TOTAL TRANSPORTATION SOLUTIONS	➡	\$82,797
DE LAKE LAMBER	➡	\$80,025
BLACKBURN MANUFACTURING	➡	\$41,139
MANHATTAN TRADING CO. LTD.	➔	\$20,067

1. Having great master data, in one spot is critical
2. There are organizations and tools to rapidly and dynamically assess your freight spend, by carrier, against benchmark or comp.
3. Spot market assessments and niche benchmarks

Deep Dive 2 – Optimizing Within the 4 Walls

Many DC's are still struggling with the basics. Isolated improvements aren't connected to the whole or even begin bottom up from the operators. Doing 24-36 month planning, great business cases and taking on what the organization can absorb continues to be critical

19 initiatives have been grouped into **8 program areas**, and address **96%** of all pain points captured. Estimated impact across all programs is estimated to be **~\$6.5M per annum**, over a **24-month** implementation timeframe.

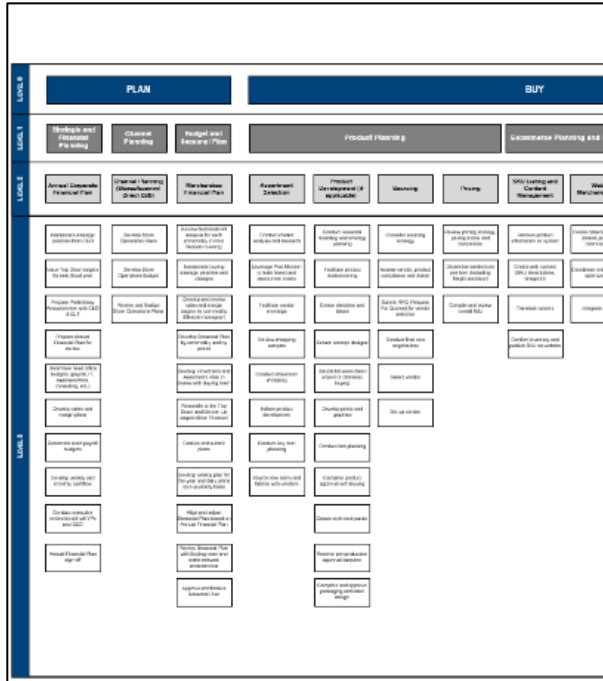
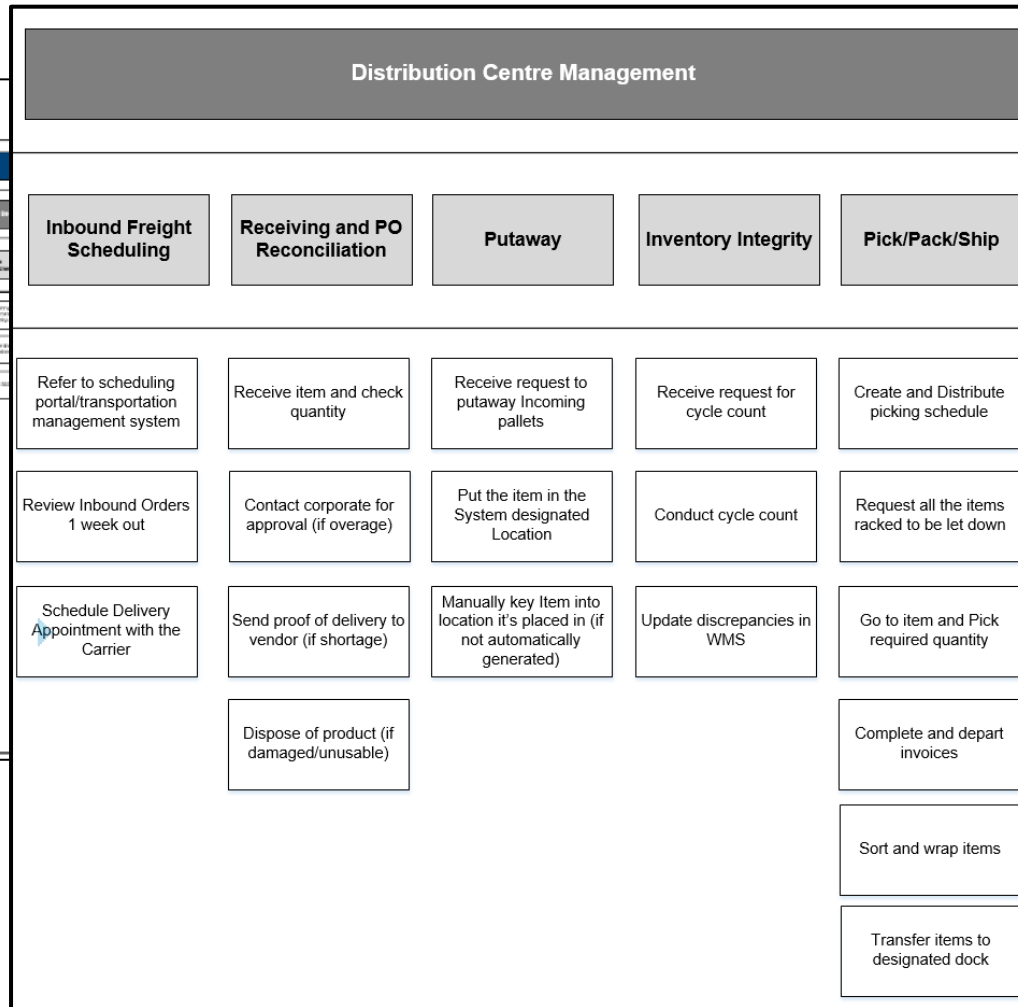
	Corporate Strategy & Planning	Standardization	Logistics Efficiencies	Safety	Operational Clock	Technology Enablement	Training & Development	Modernization
Projects	<ul style="list-style-type: none"> <input type="checkbox"/> Leadership Workshop <input type="checkbox"/> Continuous Improvement Culture <input type="checkbox"/> Change Management <input type="checkbox"/> Balanced Scorecard 	<ul style="list-style-type: none"> <input type="checkbox"/> Roles & Responsibility Process Documentation & Automated SOP Workflows 	<ul style="list-style-type: none"> <input type="checkbox"/> Reengineering Pack Process <input type="checkbox"/> Pick Path Optimization <input type="checkbox"/> Demand & Resource Planning <input type="checkbox"/> Appointment Scheduling 	<ul style="list-style-type: none"> <input type="checkbox"/> Safety Plan 2.0 	<ul style="list-style-type: none"> <input type="checkbox"/> Operational Clock & Dock Flow 	<ul style="list-style-type: none"> <input type="checkbox"/> Return & Incident Tracking <input type="checkbox"/> New WMS Implementation w/ Auto Wave Release, Dynamic Pick Path 	<ul style="list-style-type: none"> <input type="checkbox"/> Recruitment Assessment <input type="checkbox"/> Training Program <input type="checkbox"/> Compensation Review 	<ul style="list-style-type: none"> <input type="checkbox"/> Reconfiguration of DC <input type="checkbox"/> Pick to Light <input type="checkbox"/> Voice Pick
Annual Benefits (after project implementation)	\$1,012,674	\$373,931	\$567,117	\$206,500	\$175,648	\$1,401,087	\$710,497	\$2,230,000
% of Pain Points	6.1%	19.3%	22.8%	0.9%	7.0%	20.2%	11.4%	7.9%
Time to Implement	1+ year	4 Months	24 Months (across 3 phases)	6 Weeks	8 Months	11 Months	14 Months	6+ Months

Advanced technologies such autopick, guided vehicles, bulk RFID or drone technologies (for dynamic cycle counting and lifecycle management) and IoT are great but how often have you seen these as "silver bullets" in your network?

Many organizations just need to execute the basics consistently, over a period of time



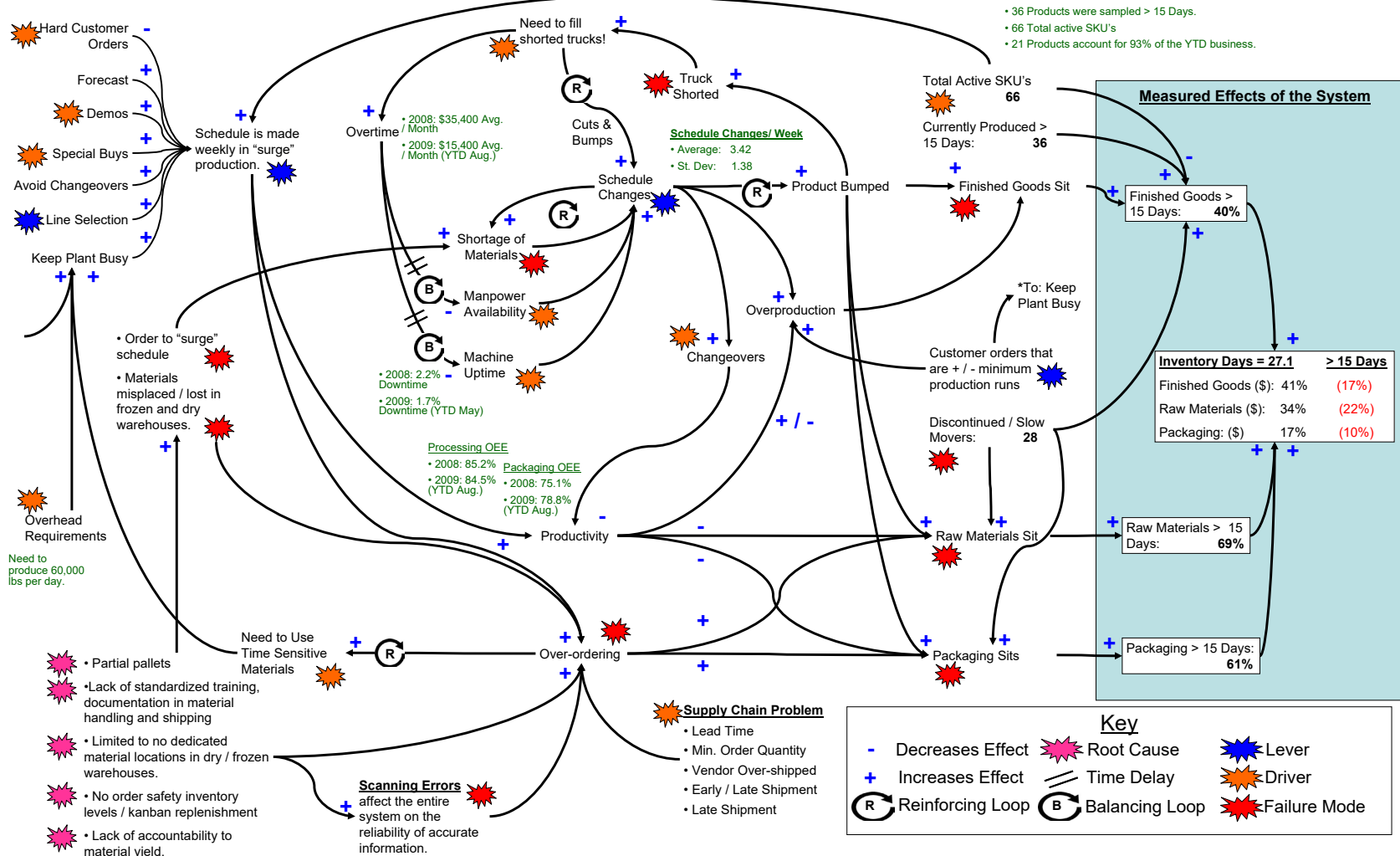
Zooming In – Dynamic Inventory Management



Deep Dive 3 – Understanding Complex Inventory Effects

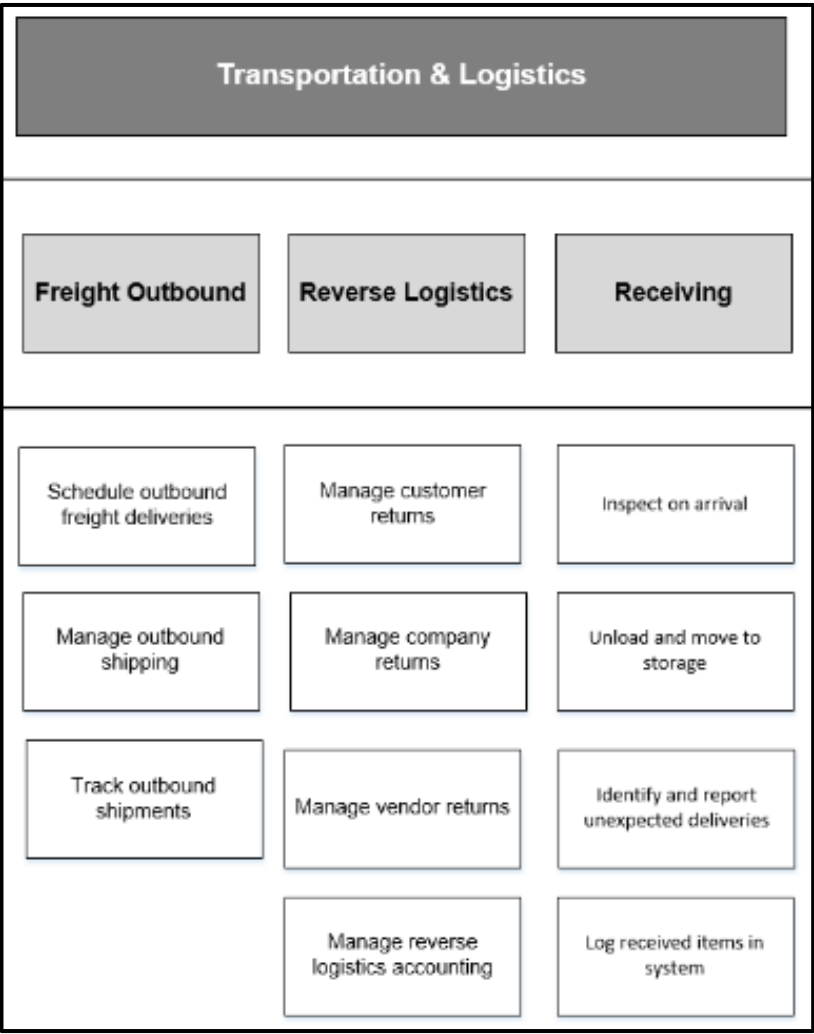
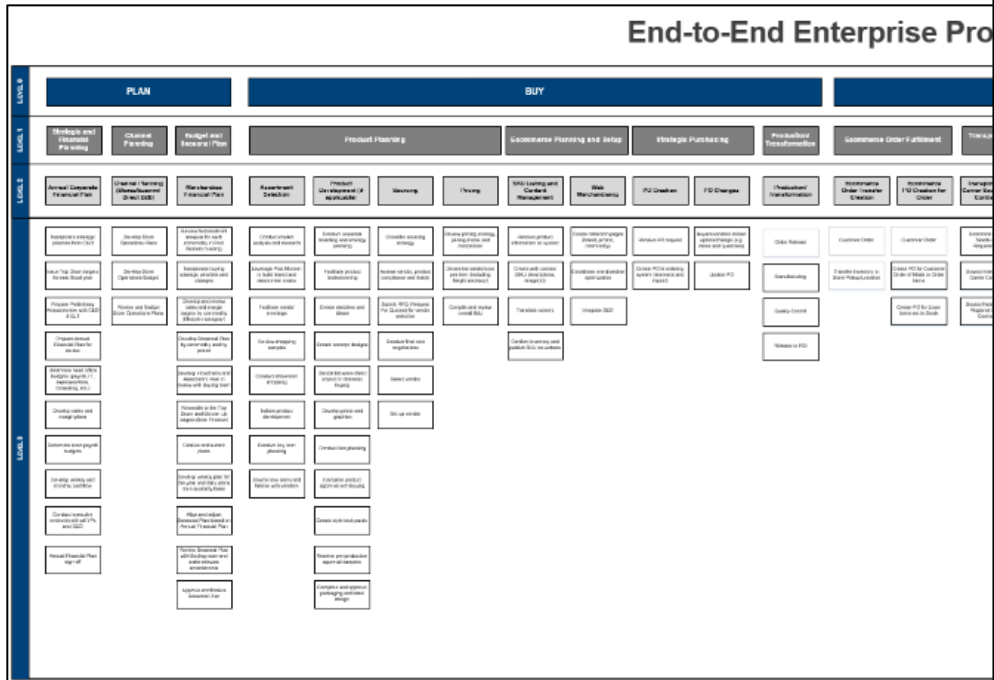
This is a relatively simple example for one location, \$200M sales, 50-100 finished good SKU's...

Inventory Optimization – Causal Loop Diagram



Zooming In – Dynamic Network Rationalization and Scenario Planning

End-to-End Enterprise Procurement



Deep Dive 4 – Dynamic, Network Modeling

Being able to dynamically create and assess scenarios in your network, simple or complex still continues to be challenging and time consuming. Dynamic modeling based on dynamic performance data is differentiating the best from the average.

5/ Additional DC (Mixed Volume)



Volume



62.7 Million Units

Number of Nodes

3



Locations: East DC, West DC, Additional DC

Cost % of Sales \$ Per Unit



\$ 144.5 Million 6.5% \$ 2.31 per Unit



\$ 58 Million 2.6% \$ 0.92 per Unit



\$ 10.1 Million 0.37% \$.16 per Unit

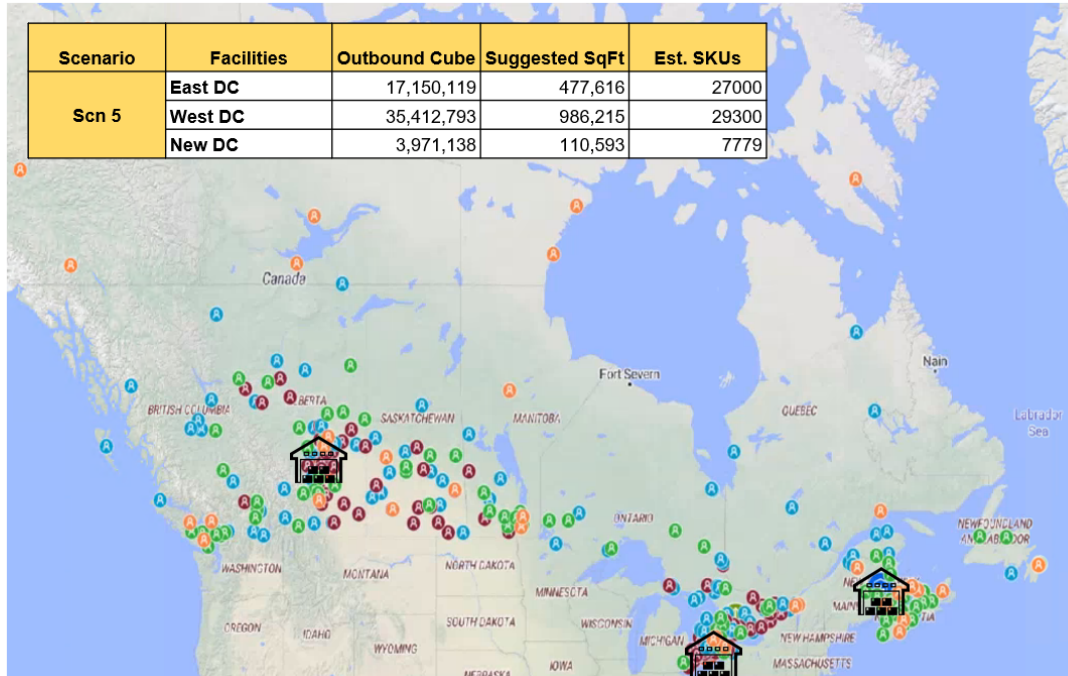


\$ 3.39 per Unit
\$ 23.73 per Line



Service

47% within Next Day delivery



Network modeling simulation software and vendor ecosystems are expanding into the small to mid market rapidly to reduce organizational energy into understanding the unknown.

Zooming In – Product / SKU Dynamic Rationalization and S&OP / IBP

PLAN

Strategic and Financial Planning

Channel Planning

Budget and Seasonal Plan

Annual Corporate Financial Plan

Channel Planning (Stores/Ecomm/Direct B2B)

Merchandise Financial Plan

Incorporate strategic priorities from CEO

Develop Store Operations Plans

Review historical KPI analysis for each commodity in Post Mortem meeting

Issue Top Down targets for next fiscal year

Develop Store Operations Budget

Incorporate buying strategic priorities and changes

Prepare Preliminary Annual review with CEO & ELT

Review and finalize Store Operations Plans

Develop and review sales and margin targets by commodity (lifestyle / category)

Prepare Annual Financial Plan for review

Develop Seasonal Plan by commodity and by period

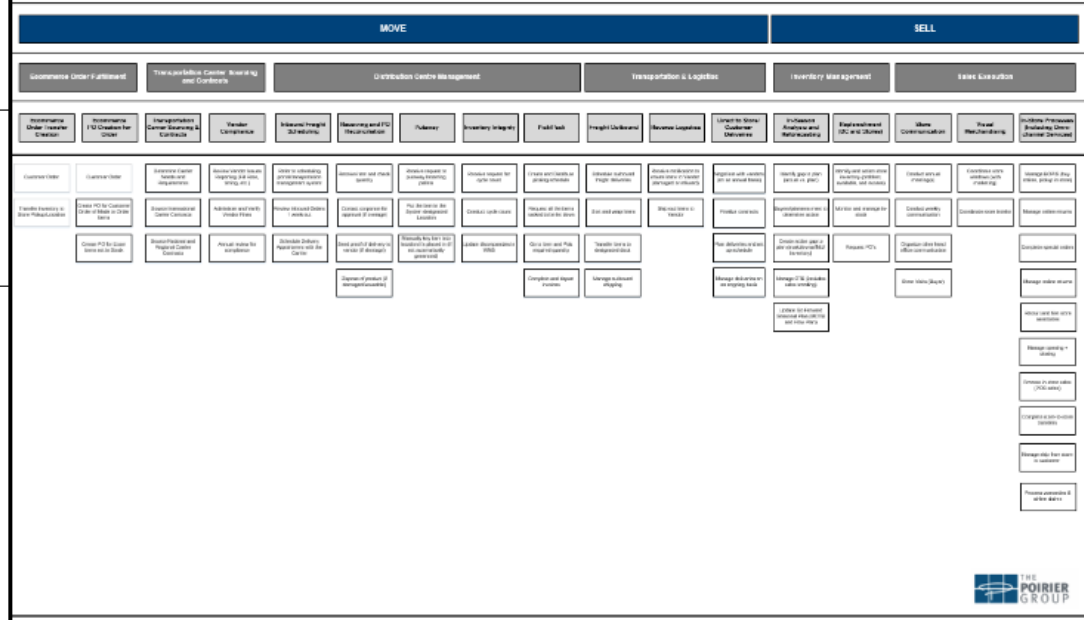
Determine head office budgets (payroll, IT, expenses/fees, consulting, etc.)

Develop Flowcharts and Assortment Plan to review with Buying team

Develop sales and margin plans

Reconcile to the Top Down and Bottom Up targets (from Finance)

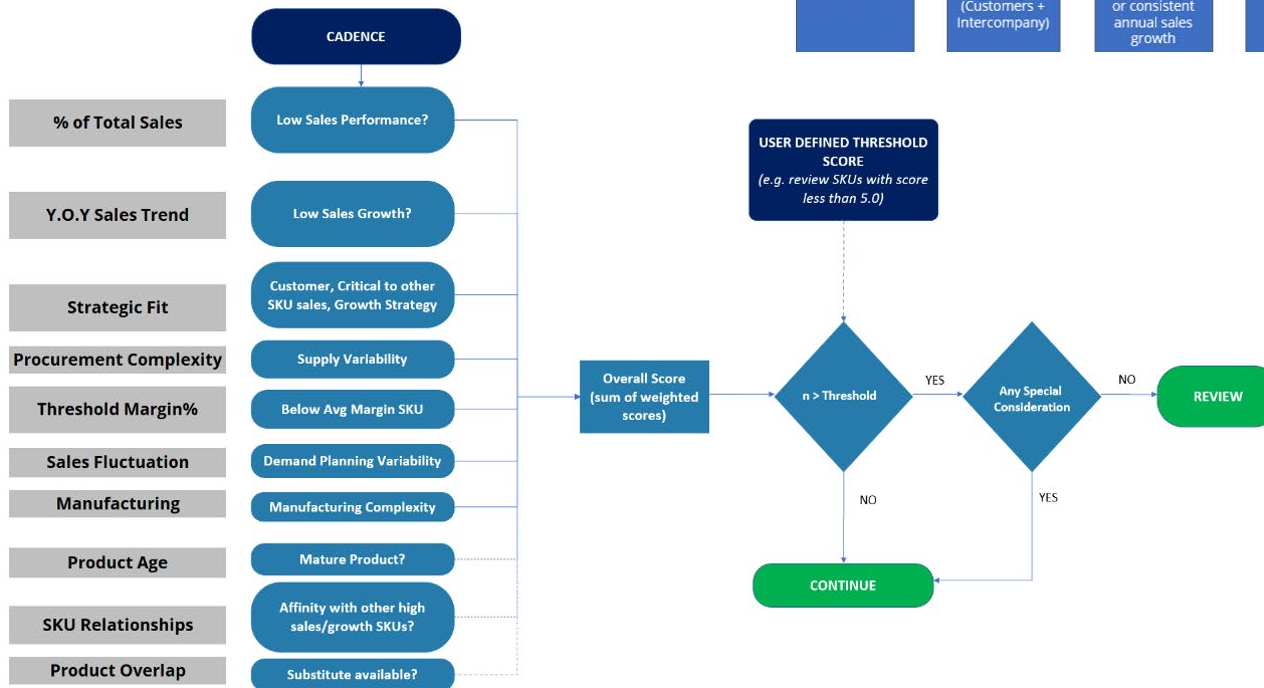
Enterprise Process Map (Supply Chain)



Deep Dive 5 – Dynamic Portfolio Optimization

Custom weighting system for examining your SKU performance portfolio

Product Offering Optimization Methodology



SKU BENEFIT SCORE				SKU BURDEN SCORE		
30%	20%	20%	30%	40%	30%	30%
Margin (%) Annual Margin	Annual Sales Total Revenue (Customers + Intercompany)	Sales Growth New Products or consistent annual sales growth	Strategic Fit Score based on Value, Customer	Manufacturing Complexity Difficult to produce	Supply Variability Supplier Risk to acquire raw material	Demand Planning Variability Fluctuation in orders per month

SKU interdependencies are often more complex than expected. Building in known VARIANCE into our optimization/rationalization models is critical

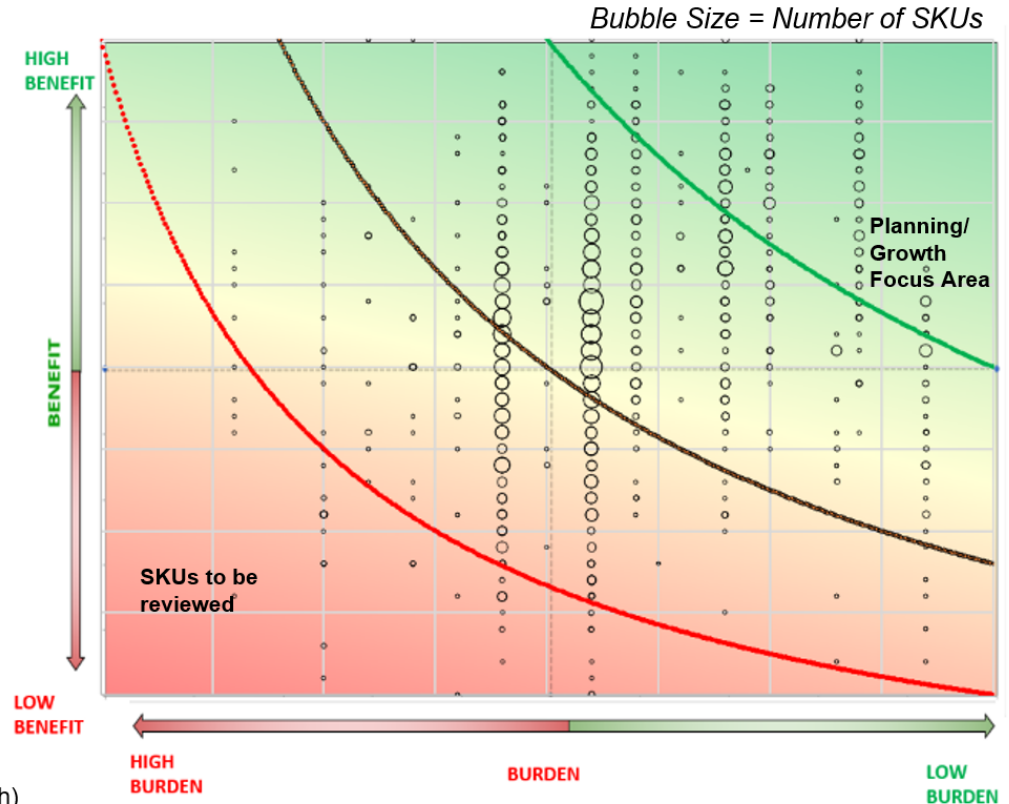
Deep Dive 5 – Dynamic Portfolio Optimization

Dynamically seeing your SKU performance (vs. a one-off exercise) is a key differentiator

- **Total SKUs evaluated: 1633**
- **SKUs evaluated using “Multiplier” Score**
 - *Multiplier = Benefit * Burden*
- **Average Multiplier Score = X**

Superclass	FY-22 Sales
Allergens	\$ 2,820,593.94
Drug Residues	\$ 2,804,394
Food Quality & Nutritional Analysis	\$ 2,531,057.94
General Micro	\$ 16,398,326.15
General Sanitation	\$ 10,949,532.04
Natural Toxins	\$ 17,323,555.55
Neogen Culture Media	\$ 12,593,565.81
Other products	\$ 1,188,480.68
Other Products-FS	\$ 68,270.49
Pathogens	\$ 4,228,424.36
Dairy Drug Residues	\$ 329.00
Data Systems	\$ 3,671.22
Genomics	\$ 422,903.60
Lab Services	\$ 35,592.32
Non-Dairy Drug Residues	\$ 331,165.74
Colitag	\$ 808,598.64
Biosecurity	\$ 60,153.68

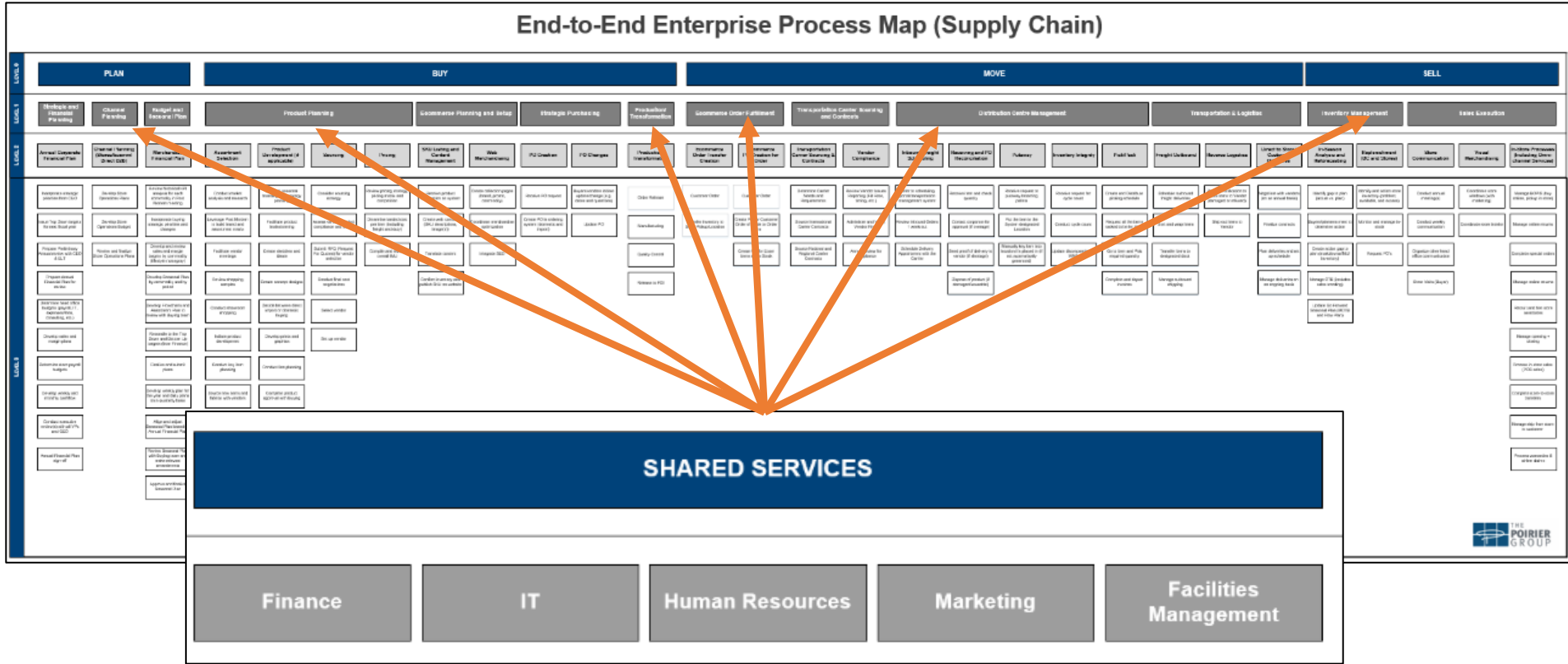
Data Source: FS Product > Gross Margin Report
Timeframe: FY2022 (for Sales data) and FY2021/20 (for Sales Growth)
Regions: X



Organizations that are taking their Supply Chain performance and a detailed understanding of variation as they examine SKU's and downstream make-to-forecast, make-to-buy or hybrid models as part of an integrated S&OP process are moving up in maturity

Zooming In – RPA/Automation for Shared Services

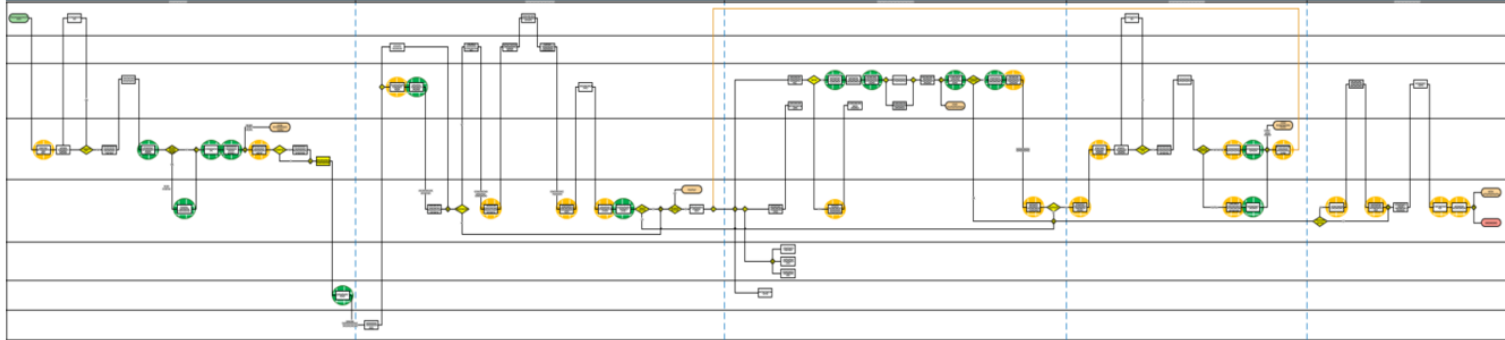
End-to-End Enterprise Process Map (Supply Chain)



Deep Dive 6 – Simple RPA and automation applications

Off the shelf or built-in RPA and automation applications are being leveraged across organizations of all size.

Of the 67 steps within process X, TPG has identified **~13 process steps** as candidates for **full** automation and **~18 process steps** as candidates for **partial** automation; Currently, the cumulation of these steps require **2.9 FTE**



Workflow Example for Automated File Upload - Power Automate

The screenshots illustrate the configuration of a Power Automate workflow. The first screenshot shows the 'Choose information to extract' step, where fields like Customer Name, Invoice Number, and Account Number are selected. The second screenshot shows the 'Use your model' step, where the extracted information is mapped to a data model. The third screenshot shows the 'See it in action' step, where the workflow is tested. The workflow steps are: 'When a file is created' (trigger), 'Extract information from forms' (action), and 'Create file' (action).

Legend



Processes identified as potential candidates for full automation (i.e. manual tasks, manual workflows)



Processes identified as potential candidates for partial automation

Not all processes are great candidates. Time to implement can be days, not weeks or months.

Other Considerations and Conclusions

PEOPLE



- People costs across the board have gone up
- Flexibility is becoming key, but most organizations feel limited
- Temp agencies are getting overwhelmed, conversions to full time dwindling
- Creativity in investment and comp structures are paying off

ADVANCED TECHNOLOGIES



- RPA and AI are already being leveraged across the simple and complex – more attainable than one may think
- ChatGPT and other NLP's have limited case studies – be cautiously optimistic and don't underestimate data volume required (SOP's/Helpbots vs. Core Operational)
- Simulation platforms are migrating into the small to mid market along with mini-WMS's / TMS's

BENCHMARKING



- Beginning to differentiate organizations
- Do to your internal network at least
- Niche, sub-industry still challenging so consider partnering up / invest

Conclusions

1. Understand your supply chain's maturity

2. Create an end-to-end view of your supply chain

3. Begin to make interventions leveraging the right tools, at the right time:

- a. Leverage benchmarks to understand what's possible (internal and external)
- b. Silver bullet technologies are fleeting – pragmatic options exist
- c. Weakest link in chain often needs “getting the basics right”
- d. Take on change that the organization can actually absorb
- e. Get great at business cases and realistic portfolio planning
- f. Build better demand volatility models and matriculate downwards

Just Ahead.....

2023 IISE Training and Development Opportunities:

23 Feb—Best Practice Case Studies: Building Great BPI Programs: Consumers Energy Christine Wisniewski, VP Op Performance

https://us06web.zoom.us/webinar/register/WN_crvTMTIFSdyNz3mjF8aviQ

7 March—Creating an Inclusive Workplace Culture--Yuri Ramirez, Director of Intel Global Engagement Program Office

https://us06web.zoom.us/webinar/register/WN_TxbEvghkSXSswL6nKFggcxw

9 March—Integrated LeanSigma—How to Train it and Do it Scott Sink

https://us06web.zoom.us/webinar/register/WN_oUS4qZ-iRcKdu0uDz8GbLg

28 March—Best Practice Case Studies: Global Enterprise Excellence—Flex Eduardo Toledo, VP Quality and Op Ex

https://us06web.zoom.us/webinar/register/WN_0q56PHk8TpWBsWVDSKopYQ

Q2 'in the works' offerings for you:

- *Strategizing/Rationalizing Cost Reduction in 2023*
- *Best Practice Case Study—Data and Analytics at University Health Network, Toronto*
- *Sneak Preview of the IISE Annual Conference and CISE's Performance Excellence Track*
- *Creating Meaningful, Insightful Organizational/Operational Scorecards and Dashboards*
- *Revisiting Plan, Do, Study, Adjust for 2023*



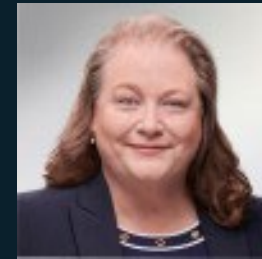
Don't Miss our Upcoming Webinars:

UPCOMING WEBINAR:

***Best Practices: Building Great Operations
Performance Assurance Programs
Consumers Energy***

https://us06web.zoom.us/webinar/register/WN_crvTMTIFSdyNz3mjF8aviQ

Thursday, 23 Feb 11:30-12:30 pm Eastern



Chris Wisniewski

<https://www.linkedin.com/in/cwiz/>

Chris is VP Operations Performance at Consumers Energy and a member of CISE.



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& SYSTEMS**
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Don't Miss our Upcoming Webinars:

UPCOMING WEBINAR:

Creating Inclusive Workplace Cultures

https://us06web.zoom.us/webinar/register/WN_Tx_bEvghkSXSswL6nKFqgcxw

Tuesday, 7 March 1:00-2:00 pm Eastern



**IISE Diversity,
Equity,
Inclusion
Committee**



Yuri Ramirez,
Director of Intel Global
Engagement Program Office
<https://www.linkedin.com/in/ywramirez/>

Join Diana Berry, Chair
IISE's DEI Committee and
Yuri Ramirez, Intel, to learn
more about how Intel
Creates Inclusive
Workplace Cultures



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IISE PERFORMANCE EXCELLENCE WEBINARS



IISE Performance Excellence Track for Practitioners and Students




Operational Excellence, Performance Excellence, **Integrated LeanSigma**, **Operational Analytics**, BPM/I 4.0, **High Performing Cultures**, Integration of Strategy-People-Process-Information and Technology Enablement, **Best in Class Case Studies** **Networking**

All being Developed for you for New Orleans in May 2023!!!



 **MAY**
20 - 23, 2023

 Hyatt Regency New Orleans
New Orleans, Louisiana

Complete a Short Survey for us?

- Your Feedback is Important:



A short survey will be available to you as just prior to leaving the webinar, we'd appreciate your input.

Reach out if you have questions or other needs:

James Swisher jswisher@iise.org

Scott Sink ssink@jumpcurves.com

Performance Excellence Track



6 Special Sessions specifically designed for Practicing ISE Professionals, Young Professionals, Students head to Industry

Scott Sink
Track Organizer/Coordinator
Facilitator for the CISE Group

Session Chairs:

- Victoria Jordan, Emory
- David Poirier, TPG
- Kerri Alderman, UPS
- Other CISE Member Companies Involved: Boeing, Duke Healthcare, Meta, Consumers Energy, GM, Disney, Deere, and more....



<https://www.iise.org/Annual/>

Unique Format for networking, learning, sharing, developing

Get a critical 'patch/updates' on how ISE's are innovating to better integrate People, Strategy, Process, Information and Technology

4 'hot topic' Interactive Sessions led by Thought Leaders

1. **Victoria Jordan—Emory Healthcare, Thomas Davis—Duke Healthcare and others.: Healthcare and Lifesciences** how ISE is and will continue to contribute;
2. **Kerri Alderman—UPS & Eleke Ukpabi—Ruan, Jim Tompkins, Yves Belanger:** Novel strategies and tactics to **address Supply Chain Challenges**
3. **David Poirier—The Poirier Group, Eduardo Toledo—Flex; Debbie Nightingale: Organizational and Operational Excellence of the Future**
4. **Scott Sink, Jared Frederici, Operational Analytics and ISE** How to create insights and provoke timely decisions and actions in the face of all the data

Hot topics of critical importance to leaders, managers, young professionals engaged in operational excellence work

5. **The ISE Outstanding Capstone Senior Design Showcase and Finalists Presentations:** See and Hear about the top 3-4 Finalists in our annual ISE Capstone Senior Design Competition. (Sunday-Monday)
6. **The Outstanding Service Systems Engineering Competition Finalist Presentations (Vittal Prabhu, PSU)**—See and Hear about the top 4 Finalists from our Annual Service Systems Engineering Competition. (Sunday)
7. **The Operational Excellence Division:** a multitude of sessions on various topics related to Organizational and Operation Excellence that will drill down, zoom in on topics and issues covered in our 3rd Module provided by CISE.

And there's more reasons to attend.....

New Orleans, IISE Annual Conference, CISE's Performance Excellence Track—See you there!!

Great VALUE for you and your company—we've assembled a team of thought leaders you won't find anywhere else...

8. The Performance Excellence Track was most innovated and one of most popular track of sessions last year—it will be even better this year
9. My first IISE conference in 1973 was in New Orleans, I got hooked and most of my most valued personal and professional relationships have come from IISE conferences;
10. Get Altitude on things, take time to 'recharge', reflect, reinvent....
11. Have a Hurricane!!

Don't forget our fantastic Keynote Presentations Sunday, Monday and Tuesday mornings.

AND....

The Opportunity to Network, build your ISE connections:

- **ISE Practitioner Leadership Mixer**—(special by invitation mixer for Industry Practitioners, Young Professionals, and Students, Sunday 5-6:45)

<https://www.iise.org/Annual/>

Thank You!



Contact us for More Info:



For *more information* on how **IISE** can play a role with your Professional Development needs:

James Swisher: jswisher@iise.org

For *questions* about our IISE **Webinar Series** and our IISE **Operational Analytics Certification Program** or about **CISE**:

Scott Sink: ssink@jumpcurves.com

Special Thanks to our Sponsors for this Webinar:

<https://www.thepoiriergroup.com/>

For *more information* on how the Poirier Group can play a role with your Operational Excellence and organizational transformations please contact:

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