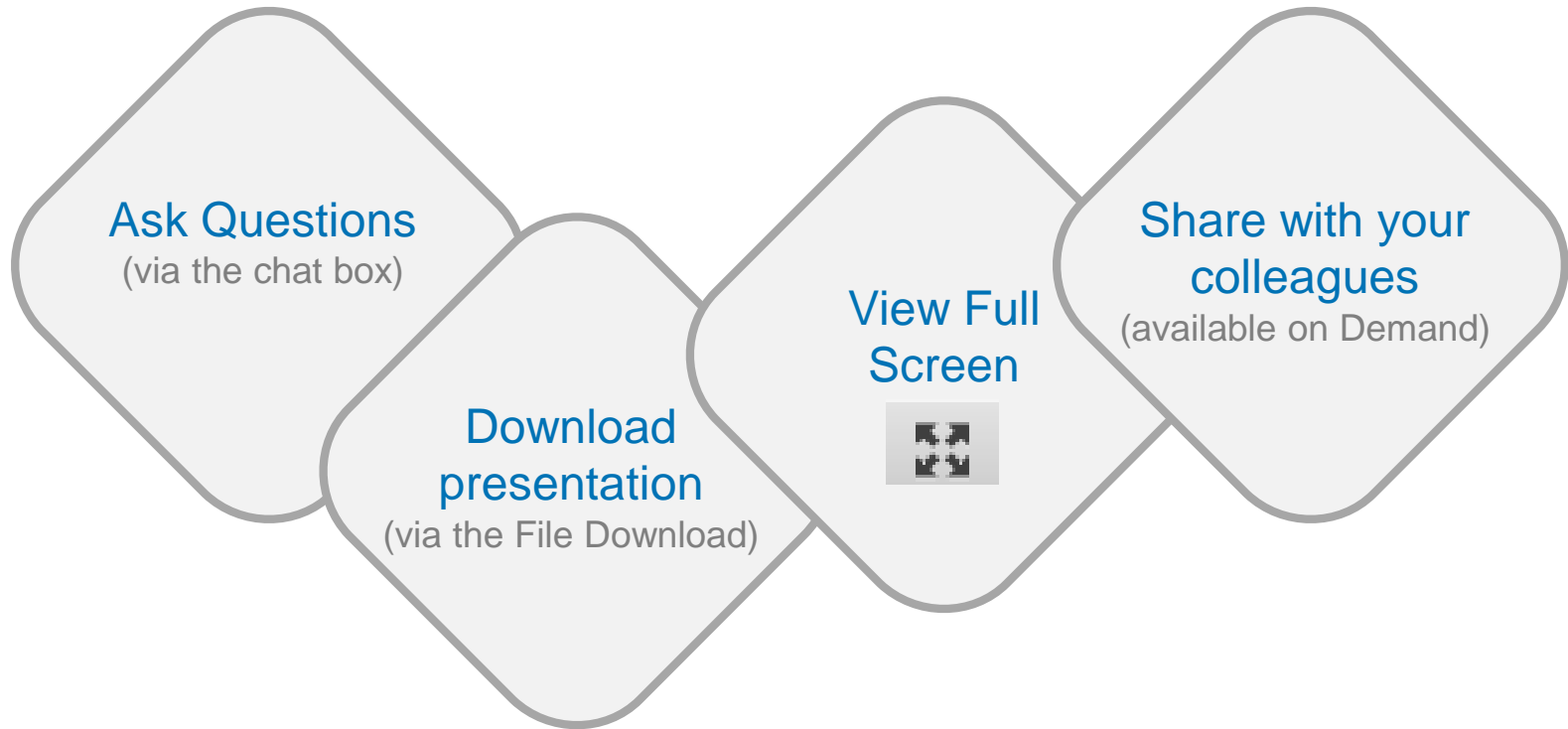


Supply Chain Transformation: The Loop from Physical to Digital

Webcast, November 27, 2019



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Who is speaking?

Your Moderator:



Dr. Uwe Schulte
Leader, Global
Sustainability Centre and
Program Director
The Conference Board

Your Presenters:



Michael Ginap
Director, Digital Supply
Chain Transformation
Council



Matthias Graefe
Director of Supply Chain
Transformation at IBM



Digital Supply Chain Transformation

What is changing in today's new "digital world"?



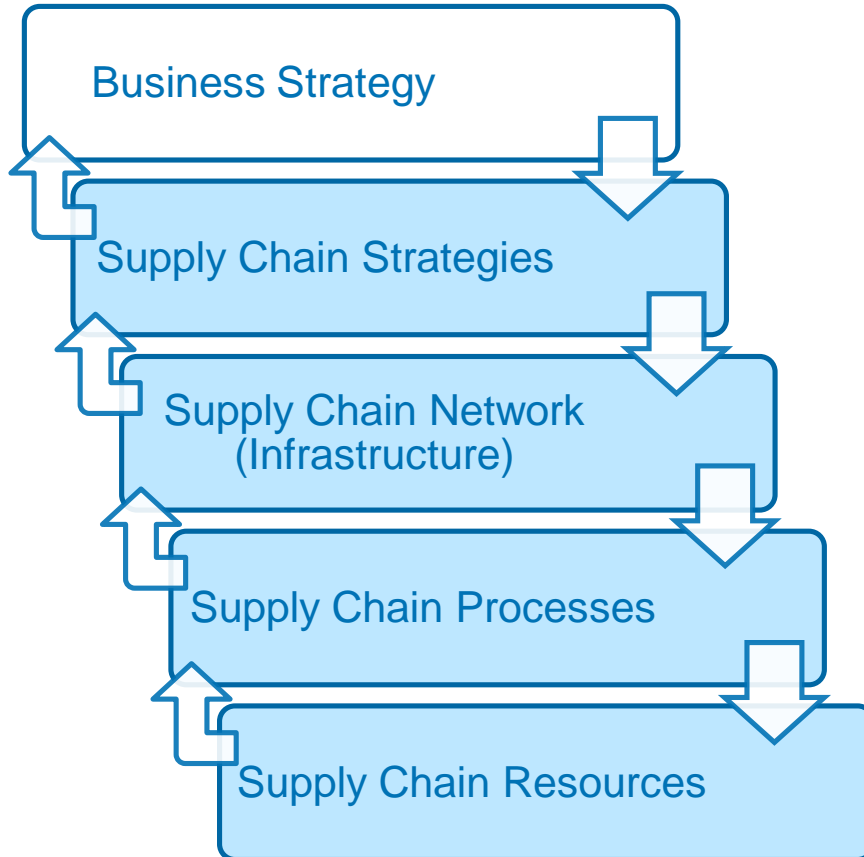
Digital (supply chain) transformation is more than just the development of a new set of tools in the workplace

- True **digital transformation of supply chains** (or value networks) corresponds with **an enterprise strategy** that leverages **digital technologies and the data they produce to connect** organizations, people, physical assets and processes, etc.
- **Digitization is the adoption or increase in use of digital technology**, which **creates value** through new products, new processes, business models and organizational structures.
- Both involve substantial re-design of supply chains.

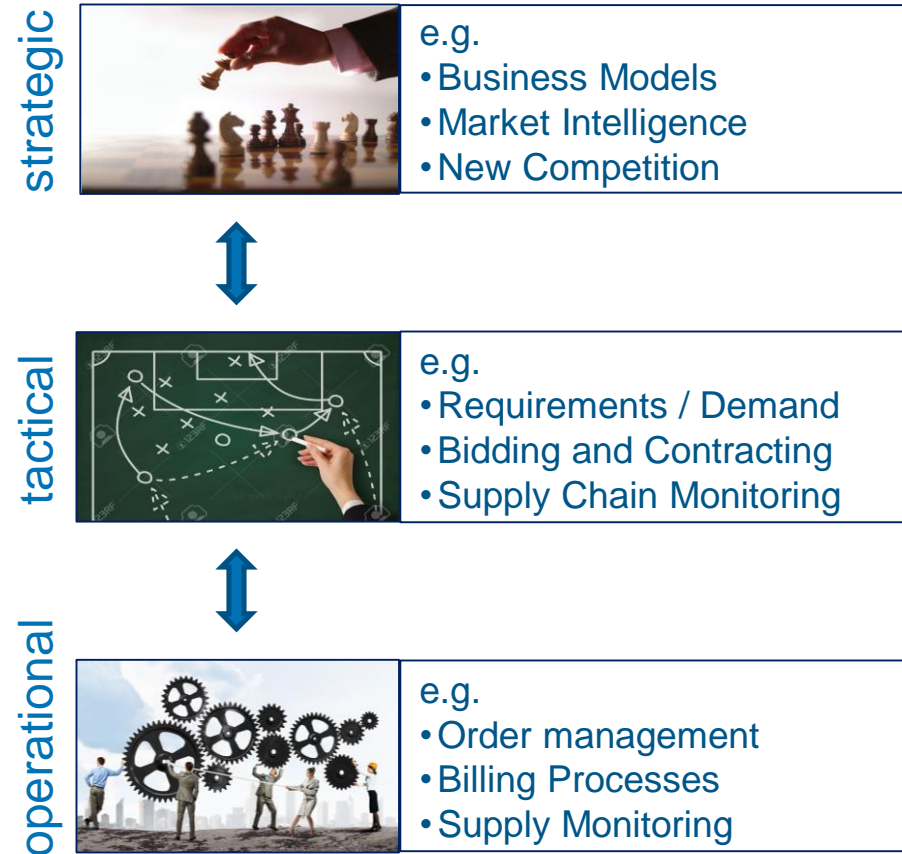


Management of Digital Supply Chain Transformation – from Strategy to Action

Managing Supply Chains

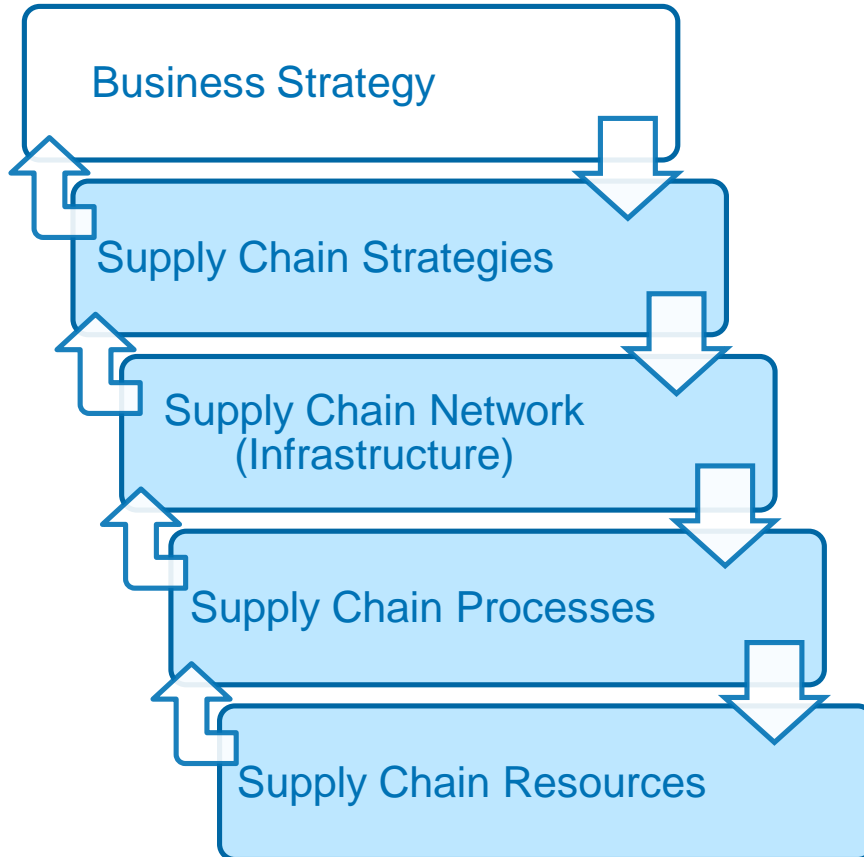


Managing Digital Transformation

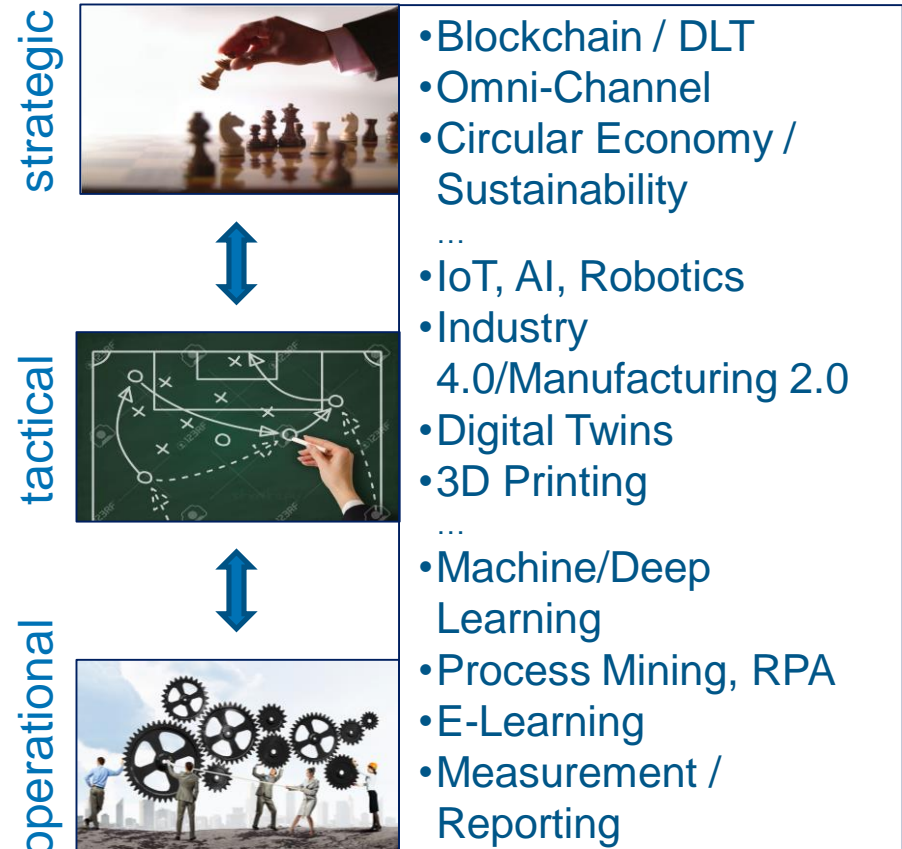


Management of Digital Supply Chain Transformation – from Strategy to Action

Managing Supply Chains



Digital Transformation Technologies



Strategy to Action?

The role of Business Process Architecture, BPM, and Data Management

Why are these capabilities often overlooked? The forgotten diligence: homework on data!



“We Do Because We Can” or “We Do Because We Know”

How do we tame the creativity of the Board and best prepare SCM for recommending the right first/next step?



Impressions from a Digital Supply Chain Transformation

– every Supply Chain Professional gets inundated with digital transformation proposals, how to distinguish between hype and opportunity?

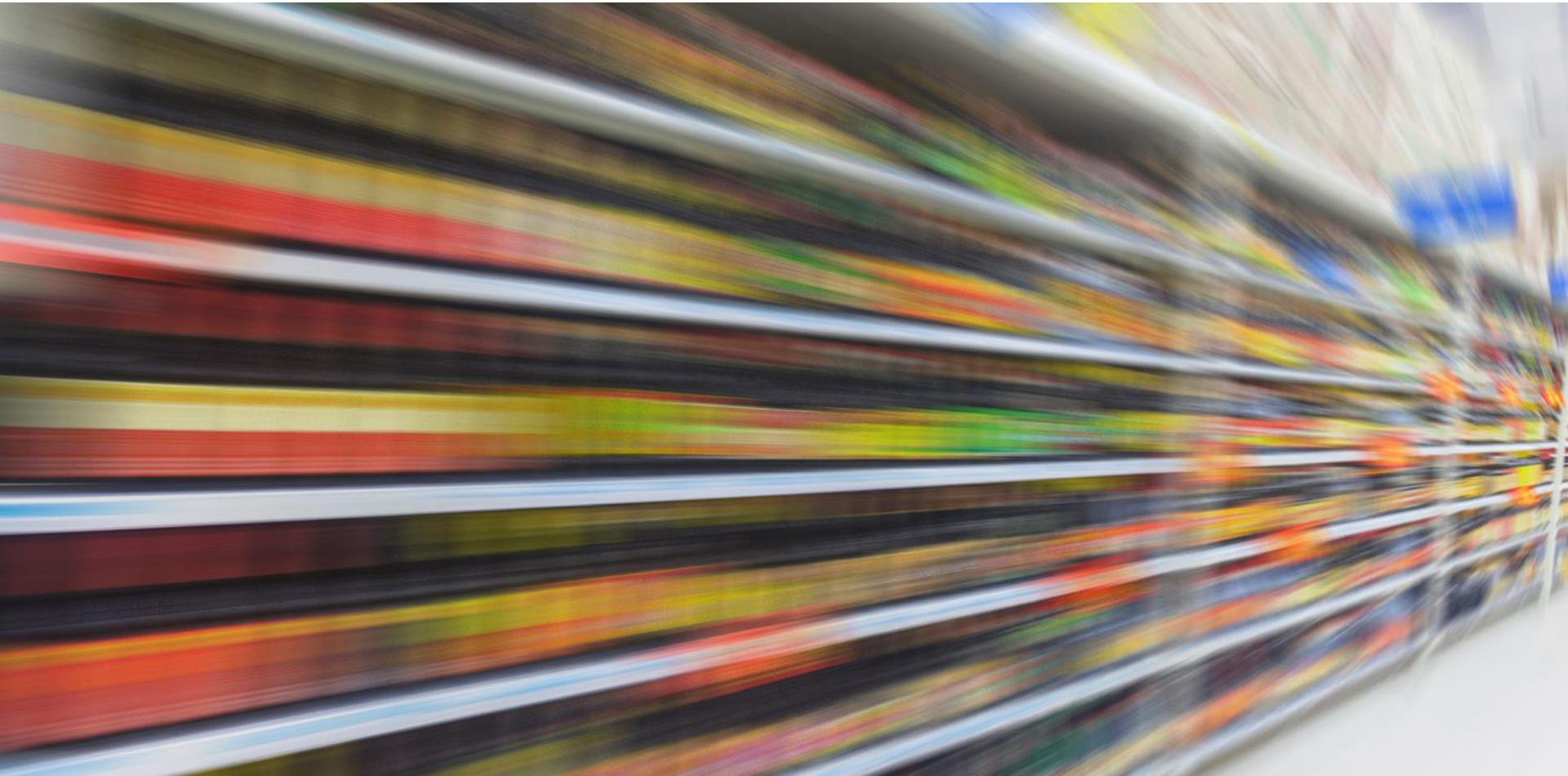
by Matthias Graefe

Digital Supply Chain Transformation: Random Evolution or Strategic Execution?



Change of Business Models & Supply Chain Transformation

How do we keep core business running while new business need support?



Digital Transformation is Organizational Transformation

Addressing the Flip-side of Technology



The Organizational Dilemma: if you are not FOR it, you are AGAINST it!?

Cultural Aspects of Change (read: Transformation)



Building Organizational Capabilities

How do we prepare the organization, its culture, the people, processes, and systems?

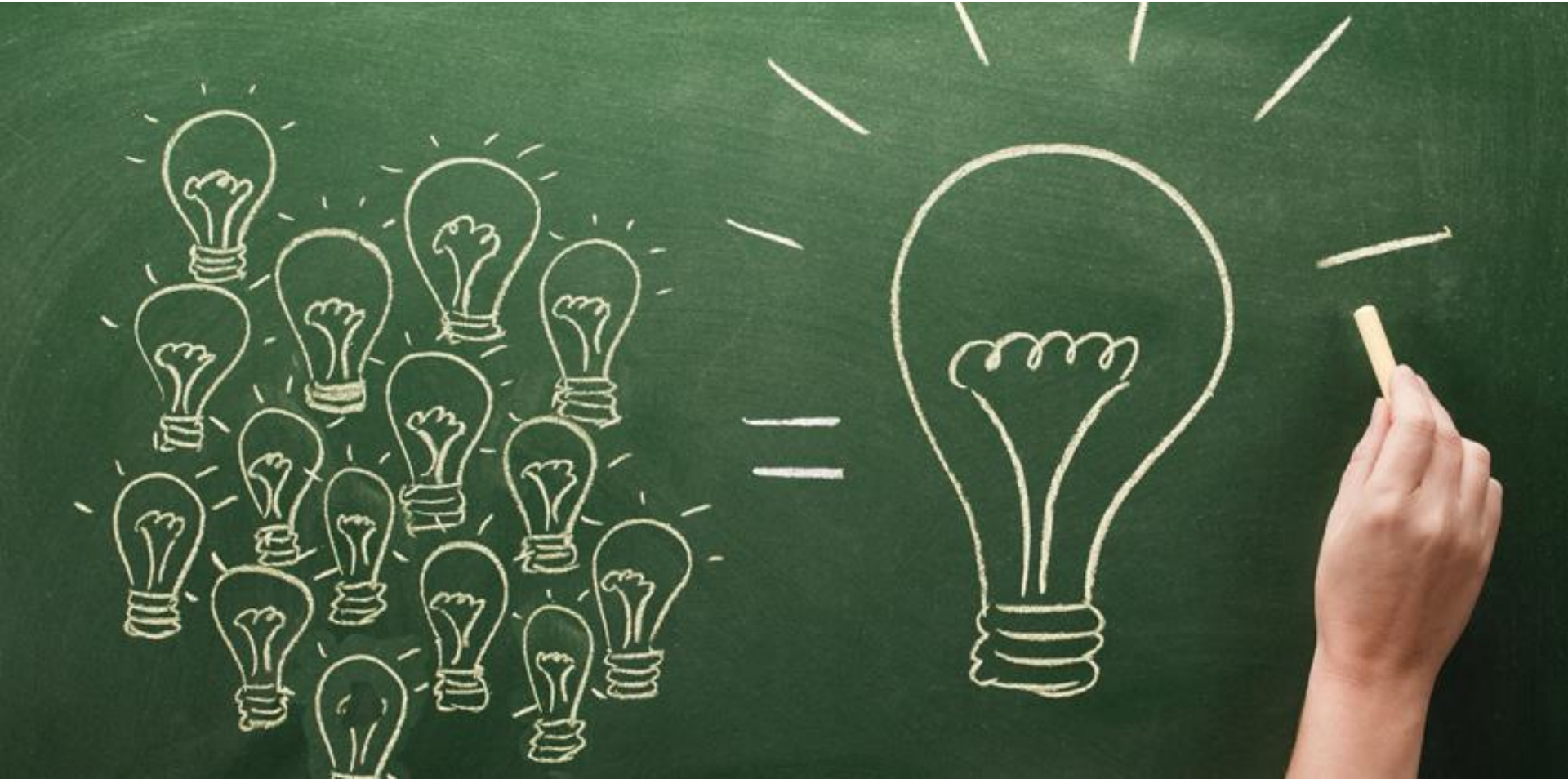


Why do you think many organisations are very hesitant to embark on this journey?

by Matthias Graefe

Discussion

Digital Supply Chain Transformation Council



Digital Supply Chain Transformation Council

Vision & Mission

- Vision

The Council is the “go-to address” for trusted peer-to-peer exchange of experience for leaders who are in charge of the digital transformation of their organizations supply chains offering insights, best practices, and research.

- Mission Statement

Digital Supply Chain leaders must be able to seize the new opportunities and be able to weed out unnecessary hype at the same time. The Council helps them develop their specific digital transformation roadmap learning from peers across industries and regions.



Upcoming webcast

Feedback

Unpacking China's Waste Plastics Ban
Implications for Business

Thursday, 19th December

03:00 PM CET (Brussels) | 09:00 AM ET (New York)

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Operating in a Cognitive Supply Chain Network

Matthias Graefe
Director of Supply Chain
Transformation



Our digital Transformation

Harmonized Supply Chain



Transparent Supply Chain



Cognitive Supply Chain



Learn exponentially

Gain insights

Integrate globally

100% of workflows in our Supply Chain will be either automated or augmented by intelligent machines.

IBM



Business Reality



Our augmented Supply Chain Professionals

Event Watch & Smart Alerts

The screenshot displays the 'Watson Customer Engagement - Supply Chain Insights' interface. It features an 'Operations Center' with several key performance indicators (KPIs) and alerts:

- Orders Delivered Late to Receiver:** 5% (Alert: As of 20 July 2017 10:54 PM)
- Sales Order Delivered Late:** Past 30 days (Alert: As of 20 July 2017 10:54 PM)
- Shipper on Time Performance of Sales Orders:** 94% (Alert: As of 20 July 2017 10:54 PM)
- Sales Order Fill Rate:** Past 30 days (Alert: As of 20 July 2017 10:54 PM)
- Supply Order Delivered Late:** Past 30 days (Alert: As of 20 July 2017 10:54 PM)
- Supply Order Expected to Ship Late:** Past 30 days (Alert: As of 20 July 2017 10:54 PM)

Below the KPIs, there are 'Insights' and 'Resolution Rooms' sections. One resolution room is highlighted for 'Low inventory SKU 5XY348', showing a 'Warehouse Inventory' chart and a 'Current Status' log with actions like 'New Close', 'Assignable Team', and 'Analysis/Research'.

Resolution Rooms

Ask Watson

The 'Ask Watson' interface shows a conversation window on the left with the question: "What is the parts overage % contribution by Brand?". The main area displays a pie chart titled 'Parts Overage by Brand and Site' and a table of results:

Brand	WOBMGN%
POWER	48.87
SYNIZ	21.92
STORL	20.65
APPL	8.56

Below the table, a large circular graphic states: "Total Parts Overage for IBM Systems \$ 200.26 M". To the right, there is a 'Top 10 Parts Overage for Power Systems' table and a map of the United States.



A collage of various supply chain analytics dashboards and reports, including:

- Dashboard:** Overview of Home, CID Data, CID Rpt, Hub Rpt, Supply Assurance, First vs Comm, ISCT, and Utility.
- Historic Closure for 12 months - Consolidated:** A bar chart showing closure trends over time.
- W3 Strategic Order Analysis and Release:** A report interface with fields for Run ID, Day, Alias, Time, Start Date, and End Date.
- Power Systems:** A dashboard showing 'Power Systems' and 'Storage Systems' with a 'Power Contribution By Brand & Site (%)' chart.
- Resolution Rooms:** A list of resolution rooms with details for 'Low inventory SKU 5XY348'.
- Warehouse Inventory:** A line chart showing inventory levels for SKU 5XY348 over time.