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Ushering in the Real-Time Supply Chain

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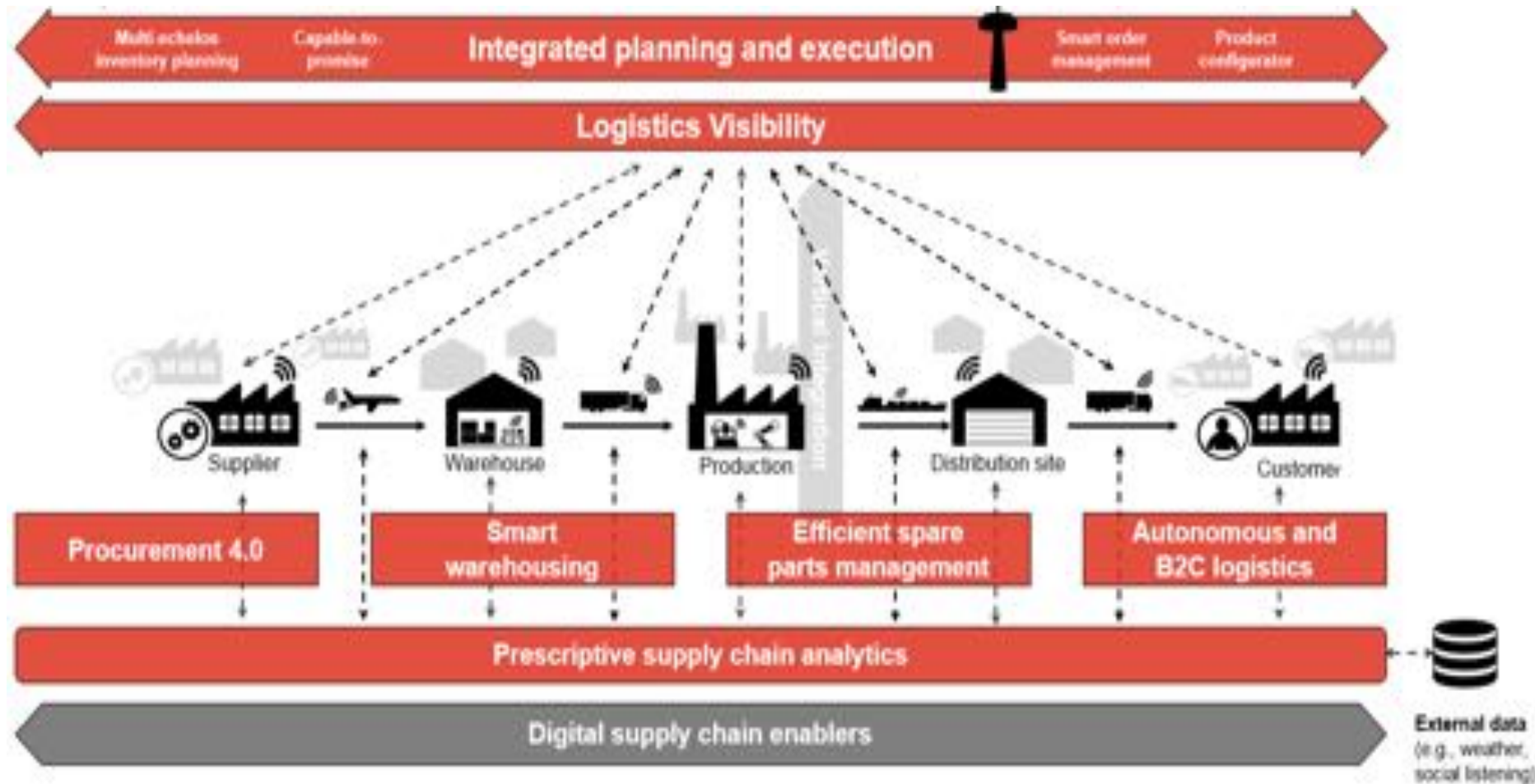


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Thanks to IIoT technologies and innovations, the evolution has begun from “Plan, Hope, Execute, Confirm, Re-plan” to “Connect and Optimize”

Digital Supply Chain



Characteristics

- Integrated real-time monitoring
- Simultaneous view for all members of the supply chain
- Next generation optimization (AI and ML improve solves)
- Predictive supply chain design and planning through digital models
- Automated repetitive “back-office” activities

How does it happen? Key points to leave with today

Control Tower is the Holy Grail

- Still being sought
- Possible with automated connectivity, not possible with manual connectivity
- Requires immense compute power

Modern vs. Digital

- Existing tools oriented towards transaction flow
- Emerging tools oriented towards knowledge flow and automated decision-making

Outcomes-Back, not Technology-Forward

- What problems are you solving?
- What information is needed?
- How do I get the data?
- How will I apply the intelligence?
- What technology enables this?

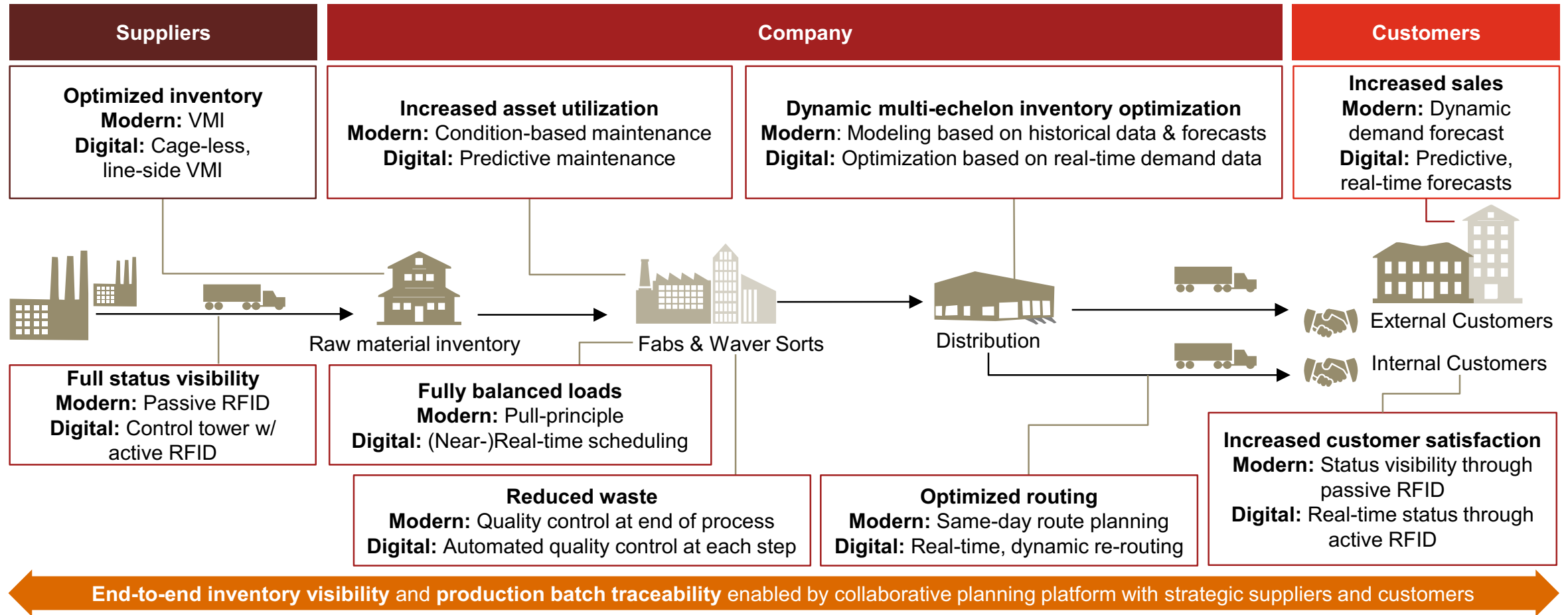
Think local, act global (and local) – the micro supply chain

- Big data has micro and macro use
- Supply chain design and segmentation matters now more than ever

Rethink the nature of work

- Supply chain managers: (1) capture information, (2) apply judgement, (3) make decisions
- Compute power and analytics are increasingly better at (1), (2), and (3)

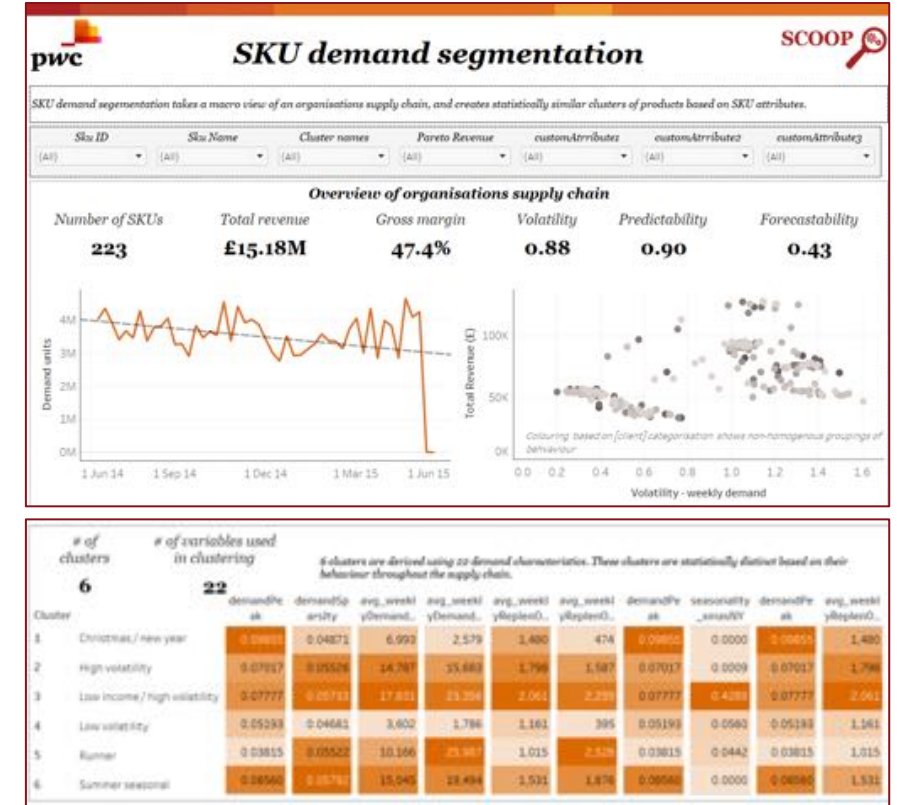
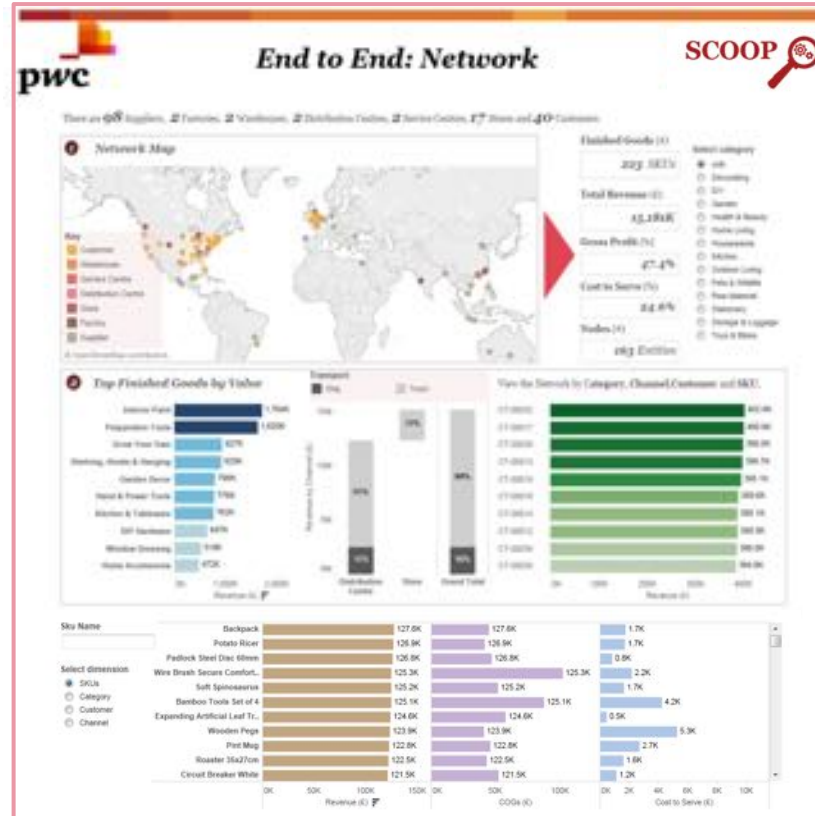
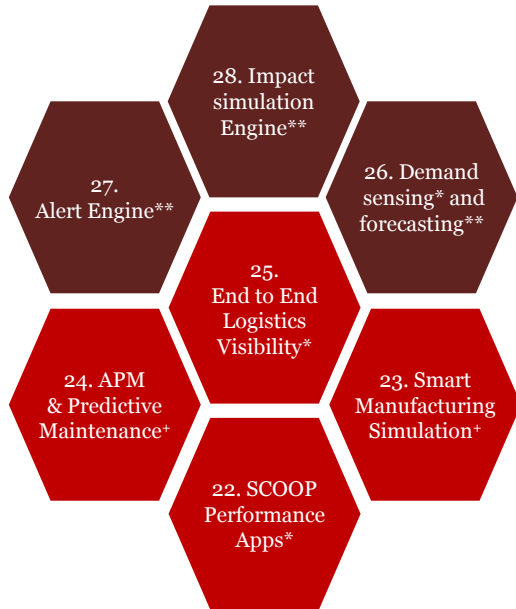
Example of “Connect and Optimize” with modern + digital capabilities – semiconductor supply chain



The real-time supply chain is here – supply chain analytics platforms enable “Connect and Optimize”

Example: PwC’s Supply Chain Operations and Optimization Platform (SCOOP)

- ▶ SCOP Diagnostic Apps
- ▶ SCOP Transformation Apps
- ▼ SCOP Real-Time Apps



Next steps

To learn more about this topic please take these next steps:

1. Visit PwC at Booth #11 to learn more about how we are helping companies transform their businesses with Industrial IoT solutions.
2. Contact PwC and GE Digital to set up a meeting to discuss the potential of the real-time supply chain within your company.
3. Quantify internal supply chain issues to see how digitization could help.



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Thank You

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