



The 4th Industrial Revolution and the Supply Chain

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APICS 2018 Session Evaluation

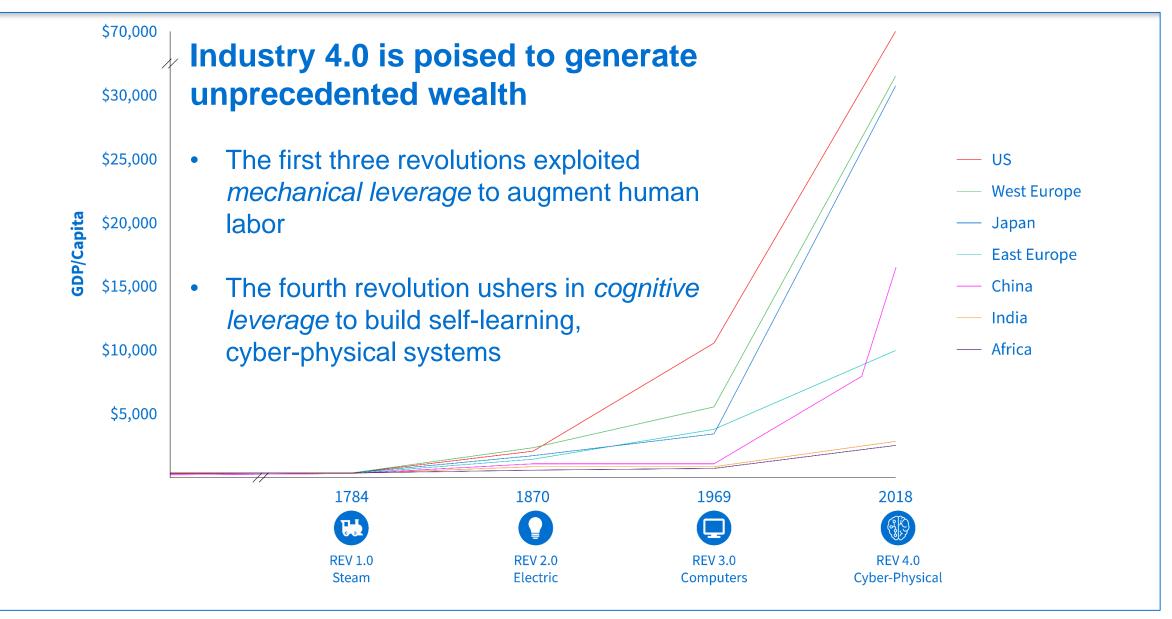
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Manufacturers want to make sense of the digital noise







Sources: Derek Thompson, "The Economic History of the Last 2000 Years", *The Atlantic*, 6/20/12; Bruce Hoy (CEO Genesis NanoTech), "The Fourth Industrial Revolution"

A vision for US Manufacturing

Every part better than the last

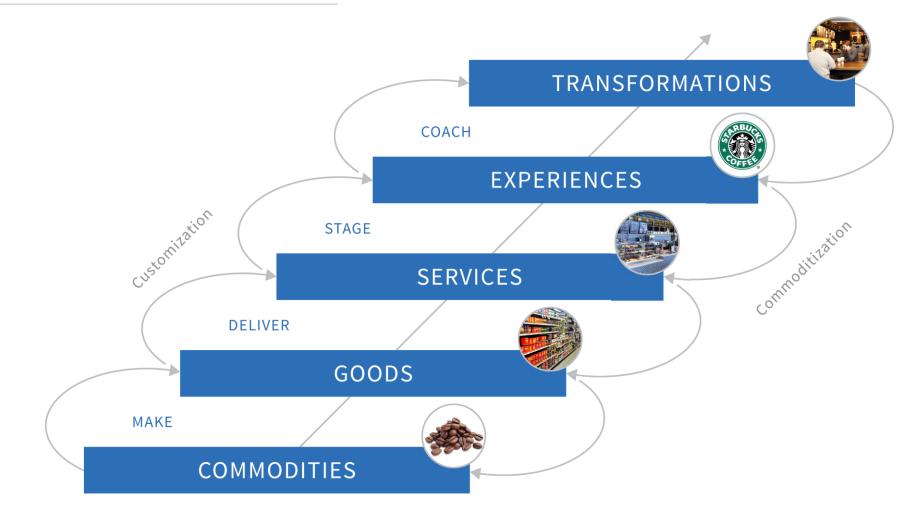


A higher purpose for digital manufacturing

Enabling the Transformation Economy



Digital technology can enable mass customization to power the transformation economy



EXTRACT



(Pine & Gilmore, 2011)

UNIT GROWTH IN 2017





ZARA

NEW IN BEST SELLERS



5X REVENUE GROWTH

engineered glass products



Real-time welding feedback project led by University of Illinois at Chicago



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Integrated Part Variation Management Ied by Caterpillar Inc.



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Smart Printed Circuit Board Digital Factory Ied by Lockheed Martin Corp.

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Next steps for all levels of sophistication...

DMDIL.ORG

- Early Stage: join a consortium like DMDII, embrace a vision tied to your top-level KPIs and start with small projects
- Mid-Journey: Focus on workforce development and culture change through hackathons and follow-on development organized around your transformation vision
- Advanced: propagate your vision and success stories, invest in solutions that enable AI to operate on your E2E enterprise data to maximize value creation

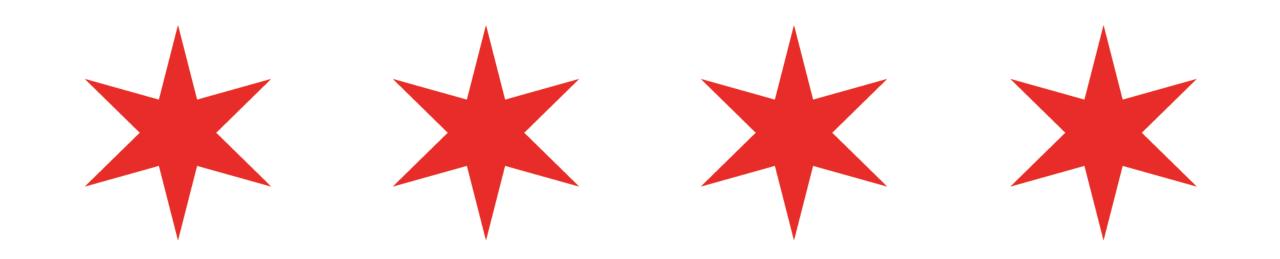


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THANK YOU



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