

From Mass Production to Mass Innovation





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Digitalization in Manufacturing?

IT



Manufacturing



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Manufacturing

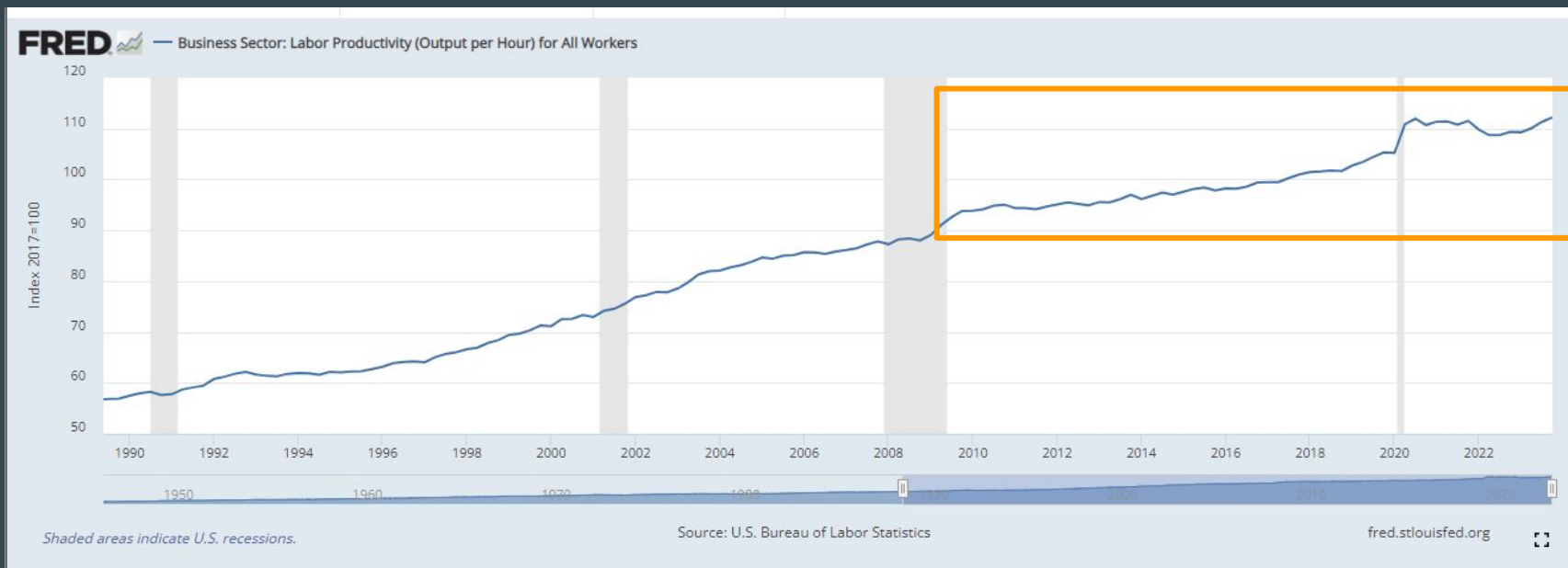


Why should you care?



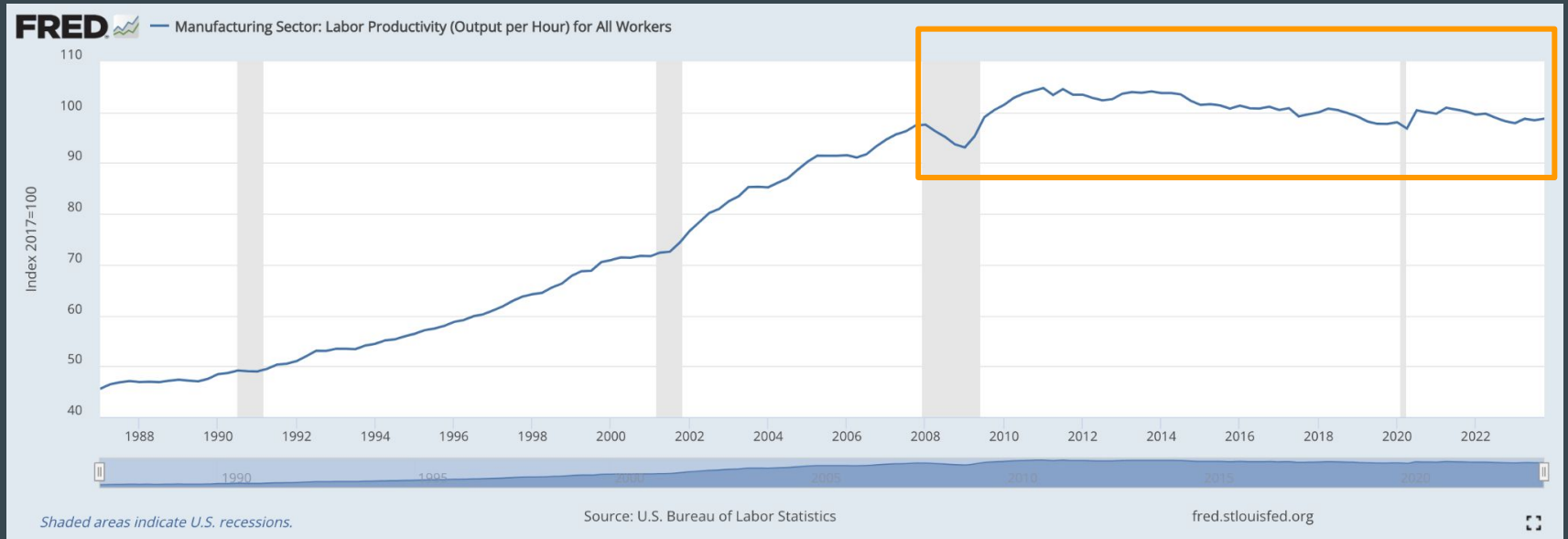
So after 15 years, did we deliver?

While the US's productivity continues to grow...



So after 15 years, did we deliver?

...Manufacturing's productivity seems to stall



Source: <https://fred.stlouisfed.org/graph/?g=jPKw>

There seems to be a chasm we can't cross

Old ways



New ways



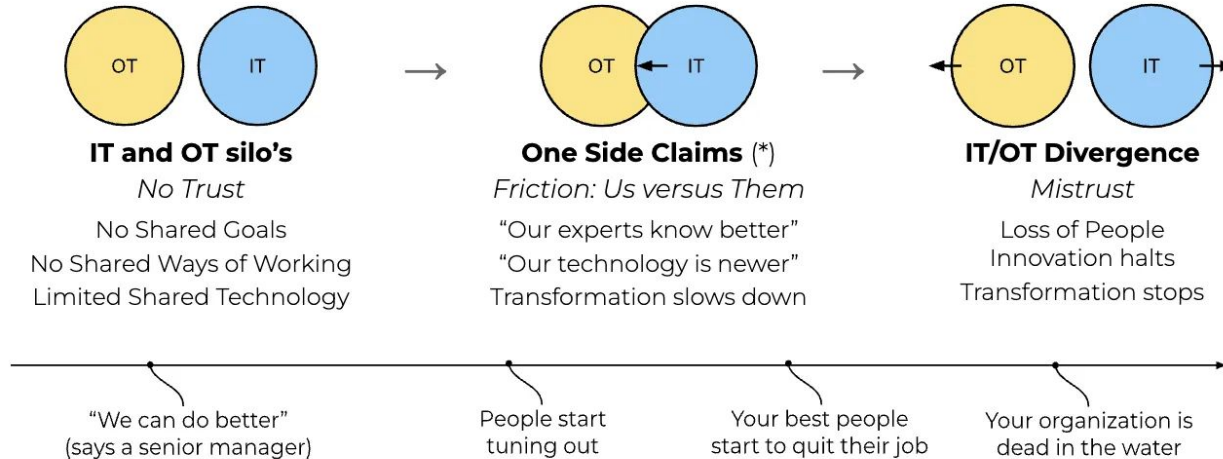
Observation 1 : Perpetual Pilots & lack of scaling



Source: Jan Meskens - <https://medium.com/@meskensjan>

Observation 2: IT and the shopfloor (OT) are growing apart

The Road To Divergence (Happens sooner than you might think)



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There is hope!
You just need to look for it

From DevOps to the shopfloor ?

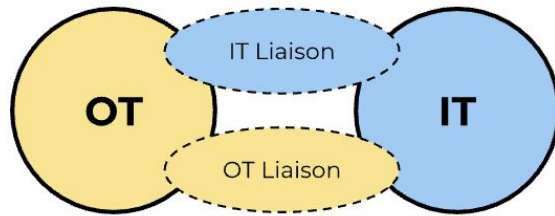
The common thread?

- The technical challenges can mostly be solved
- Getting cooperation just right however is the key to close the gap.

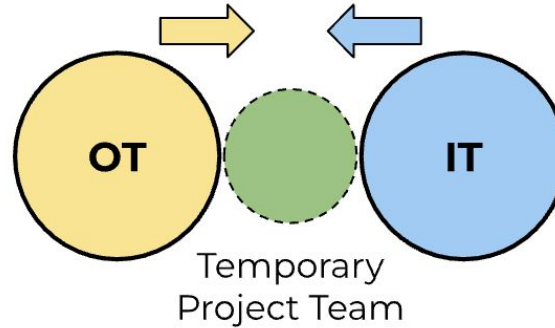


Step 1: Cooperate First

Towards IT/OT Convergence that Works! Pattern 2 : Start with Cooperation



Facilitation



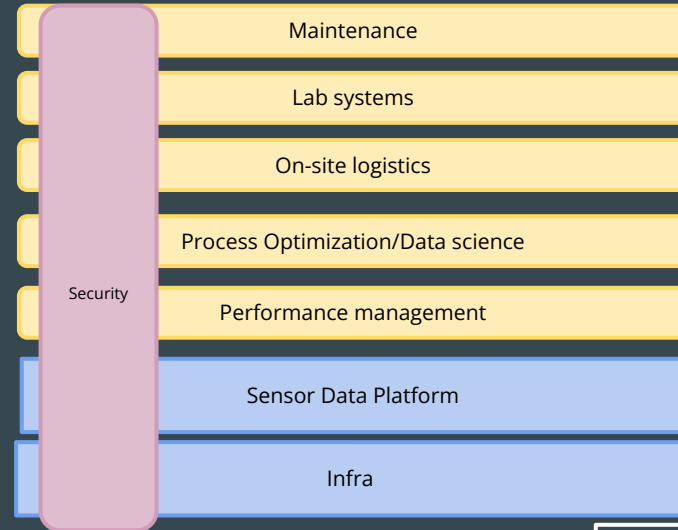
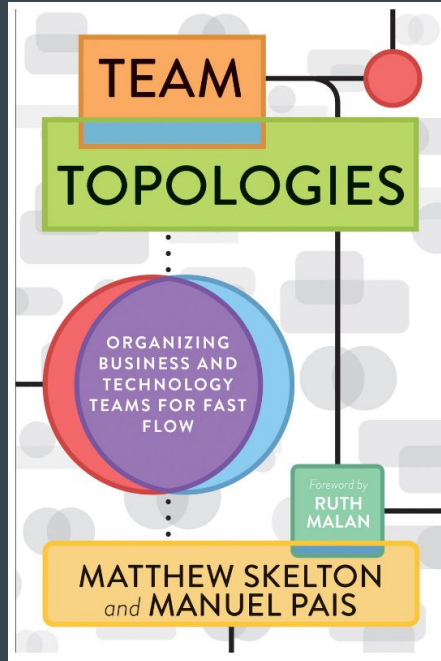
Temporary central project team

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Step 1: Cooperate First

Step 2: From Understanding to Working → Team Topologies sauce



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Step 1: Cooperate First

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Step 3: Finally : Introduce agile ways of working



Step 1: Cooperate First

Step 2: From Understanding to Working → Team Topologies sauce

Step 3: Finally : Introduce agile ways of working

Sounds Familiar? :)



We have some remaining questions



Thank you !



David Ariens 



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