



Industry 4.0 for Aerospace Manufacturing in 2020: Impact, Challenges and Best Practices

Panel Members



Dr. Don Kinard, PhD

Senior Fellow, Lockheed Martin Aeronautics



Dr. Robert Yancey, PhD

Business Development Director, Hexcel



Curtis A. Richardson

Technical Fellow, Spirit AeroSystems



Moderator: Avner Ben-Bassat

President & CEO Plataine Inc.



Shachar Fine

EVP Kanfit Ltd.

Our Goals Today

- Explore how the 4th industrial revolution is currently applied to, and impacts aerospace manufacturing, at all levels of the supply chain.
- Discuss business problems already addressed today with these new capabilities, the outcomes achieved, the challenges in user adoption, best practices and lessons learned.
- Discuss the impact of COVID-19 on the adoption of Industry 4.0 technologies.



Agenda

- Introductions & opening comments
- Panel discussion
- Open Q&A with the audience
- Closing remarks



About Plataine

Select Customers

Optimize & automate manufacturing process at both site and supply-chain levels

New software intelligence layer complementing current systems

IIoT: automated collection of sensor & system data in realtime

AI: delivering insightful alerts & recommendations improving productivity



Select Partners



Awards and Recognition



ΡΙΛΤΑΙΝΕ°



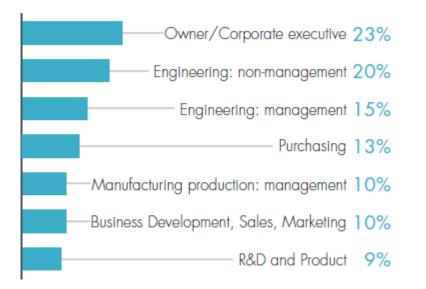


Trends In Global Manufacturing Market Survey by SME and Plataine

Avner Ben Bassat Plataine

2020 Survey Demographics

This survey is based on over 200 surveyed executives, decision makers & influencers from the industrial manufacturing industry.

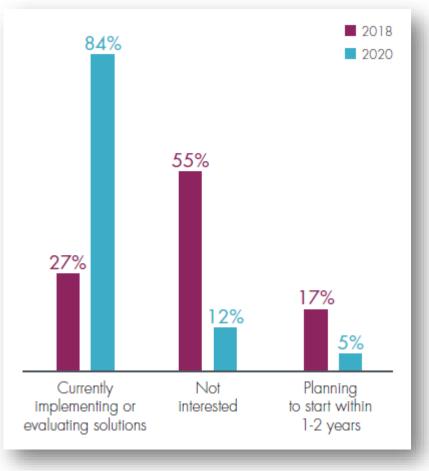




ΡΙ ΛΤΑΙΝΕ°

How far has your company progressed towards implementing a digital manufacturing strategy?

Significant increase in adoption of Industry 4.0 technologies from 2018 to 2020

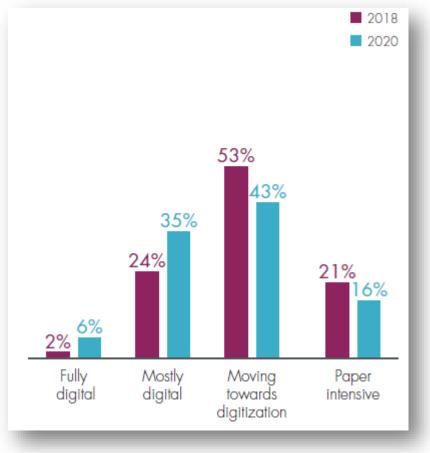


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What is your company's current level of digitization?

More respondents in 2020 indicated their companies are making strides to become digital



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As Part Of Your Digitization Strategy, What Challenges Are Your Company Looking To Resolve?

Lower production costs 54%
Improve on-time delivery and estimate delays 51%
Reduce quality risks 47%
Increase manufacturing capacity 45%
Improve visibility into production 40%
Predict machine or tool failure 39%
Shorten time-to-market 38%
Increase supply chain collaboration 31%
Meet compliance requirement 29%
Other 15%
* The total responses add up to more than 100% as some respondents marked multiple options.

ΡΙΛΤΑΙΝΕ

Which Hurdles Must Your Company Overcome While Pursuing Your Digital Transformation?

Lack of human resources 47%
Potential complexity of system integration 46%
Lack of budget/financial resources 44%
Need to improve cross-department workflows 36%
Lack of professional/technical know-how 35%
Lack of clear ROI data 31%
Cyber security 29%
Lack of management buy-in/support 29%
Distrust and uncertainty 21%
Other 7%

* The total responses add up to more than 100% as some respondents marked multiple options.

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Thank you.

https://www.plataine.com/surveys/

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