

STEPPING INTO THE DIGITAL WORLD OF 4IR

SMECLUSTER EVENT 4 – 16TH NOVEMBER 2017

DEPLOYMENT CHALLENGES

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Go Further

Digital World of 4IR – What Is It?

What exactly will the 4IR be?

- So is it - Big data, IoT, I4.0, Smart factories, man to machine, Cloud computing?
- Lets step back to the 3rd Industrial Revolution

It's about Connectivity!

- Machines Collecting, Sharing and Acting on data
- The real time analysis of that data
- Digital infrastructure that connects it up

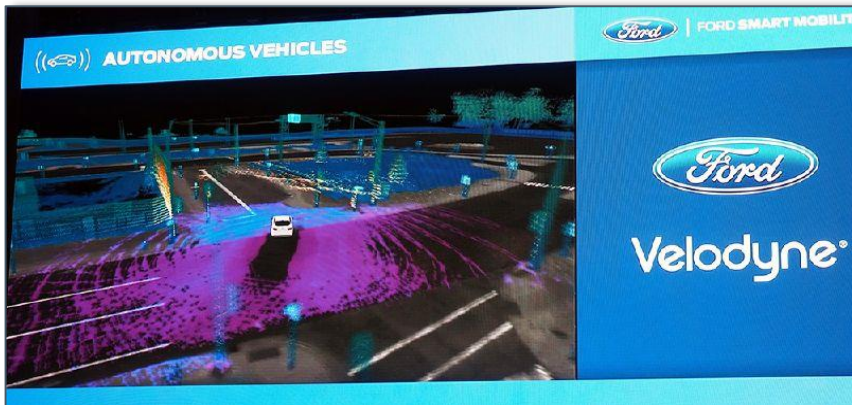
Digital World of 4IR – How will it impact us?

What does 4IR mean to an organisation;

To our customers

- A connected experience
- Improve our understanding of customers wants and needs
- Will deliver products to market quicker and efficiently

Digital World of 4IR – The Customers Connected World



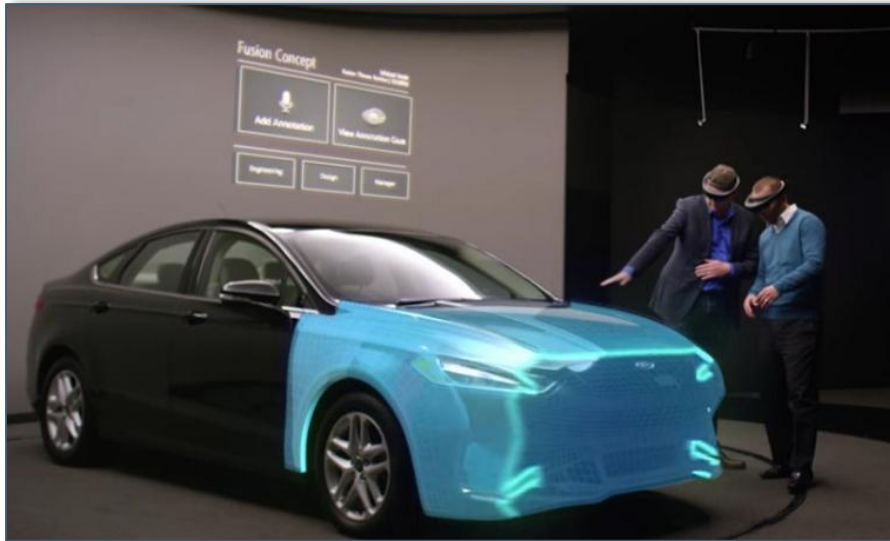
Digital World of 4IR – How does it impact us?

What does 4IR mean to an organisation;

How we design new products

- Improved collaboration between design groups
- Transforming the way we physically design
- Compressing design to manufacture times

Digital World of 4IR – Virtual Design and Collaboration



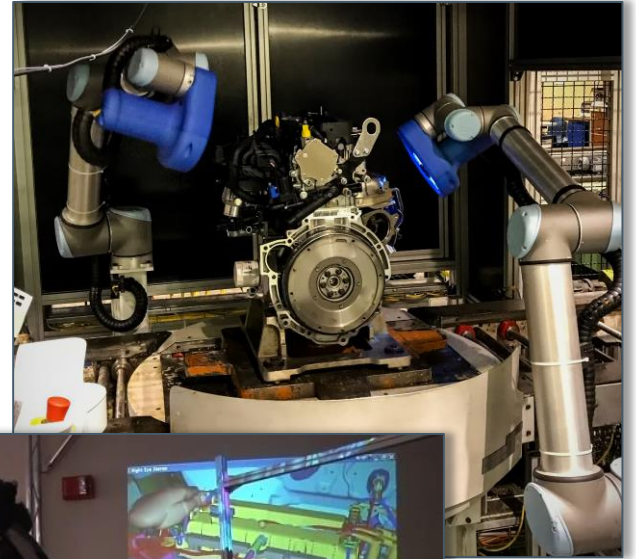
Digital World of 4IR – How does it impact us?

What does 4IR mean to an organisation;

How we manufacture products

- Making technology more available at lower costs
- Increase flexibility and ability to change
- Autonomous systems that compensate and adapt

Digital World of 4IR – Advanced Manufacturing



Digital World of 4IR – Facing The Challenge of 4IR

So, what can we do to prepare?

- Accept 4IR is coming
- Innovate new uses for the things we have
 - Existing data
 - Technology that are not just in your industry
 - Collaborate, share and build on ideas
- Explore and investigate emerging technologies
 - Commit resource to it
 - Develop strategic partnerships

Thank You