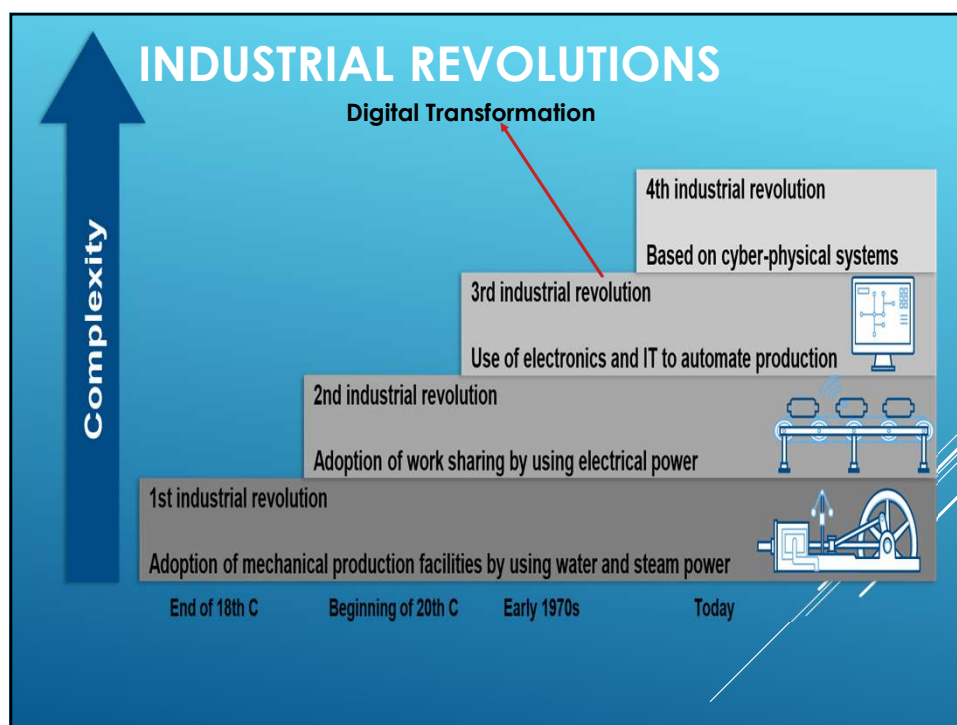


The Future of Manufacturing

“THE DIGITAL TRANSFORMATION AND THE ALUMINUM F150”

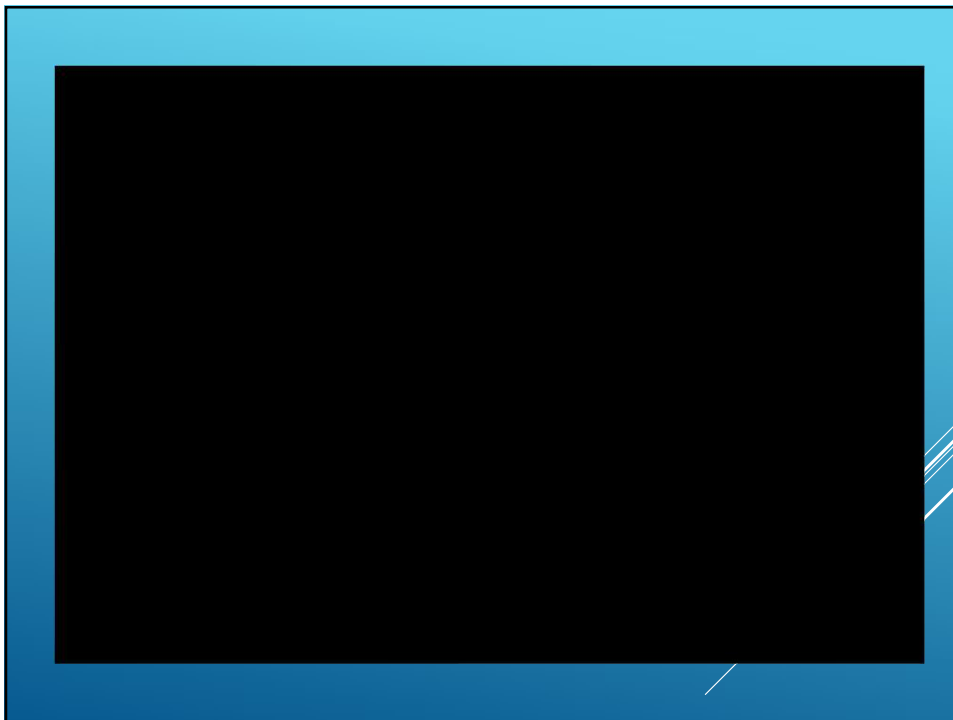
John Fleming Sept.2018



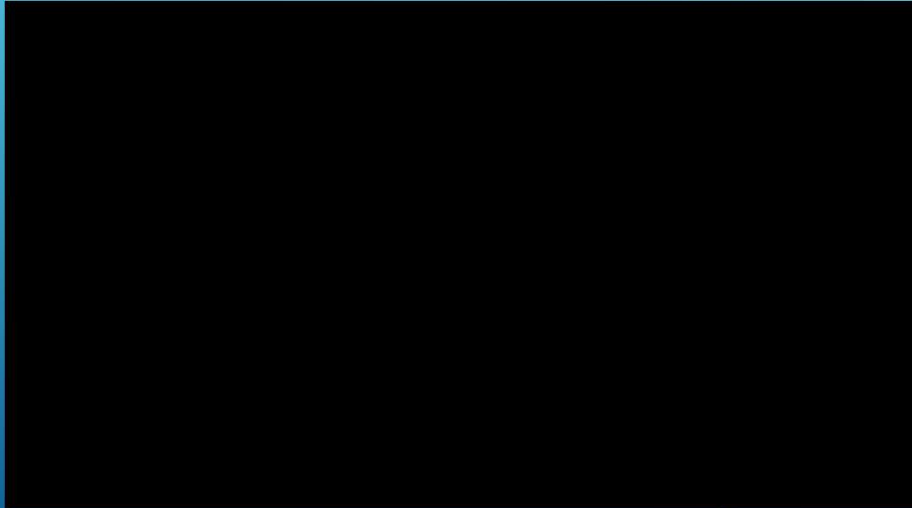
**“The Leaders
dilemma”**

**One foot in today
and the other
in tomorrow.**



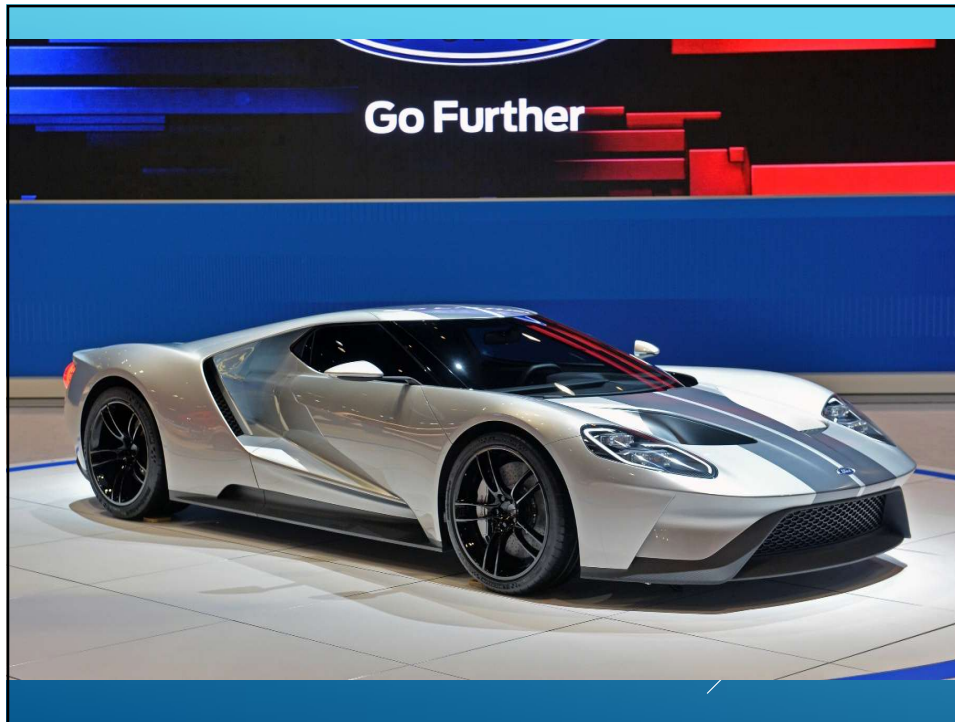


BEET Analytic Technologies



3 D Printing





COLLABORATIVE AUTOMATION



Augmented Reality



Exoskeleton

Connected Factory – PROFINET



- ▶ From Crisis to--
- ▶ Planned to--
- ▶ Monitored & Preventive to--
- ▶ Predictive to –
- ▶ AI and True Mach.Learning



NEW MAINTENANCE PARADIGM



- ▶ **Technical skills.**
- ▶ **IT literate.**
- ▶ **Mechatronics, Controls Eng.**
- ▶ **M.E. Quality, Production Planning.**
- ▶ **Logistics/Supply Chain Mngmt.**
- ▶ **Data Scientists and Analysts.**
- ▶ **Soft Skills :- Social Competence, Teamwork**
Adaptable, Flexible, Articulate.

THE FUTURE “SKILLED” WORKERS

