



Manufacturing New Technologies

To drive UK manufacturing by developing capabilities, upscaling and process optimisation

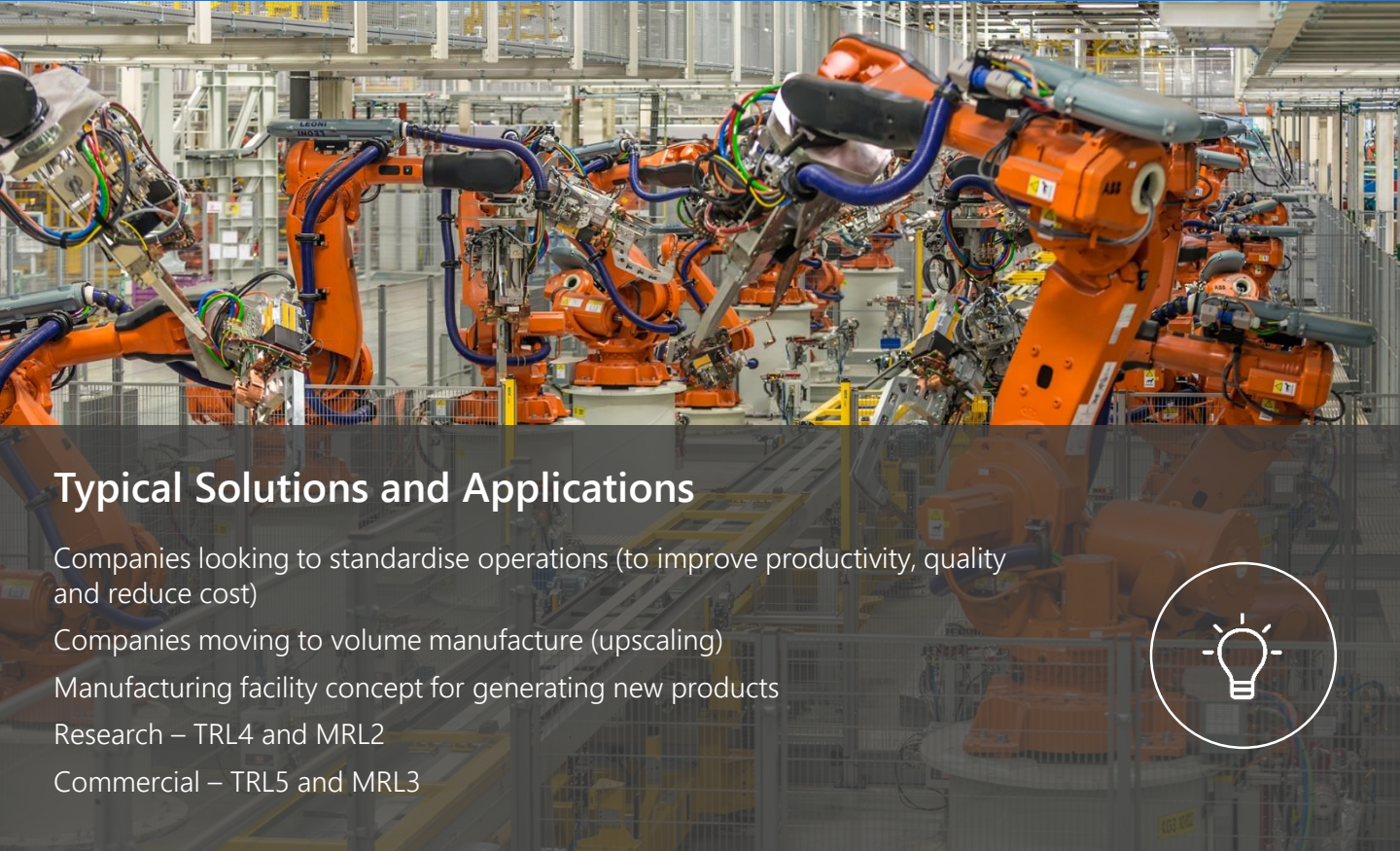
Bill of Process Development

Generate bills of process for the flexible manufacture of new products, creating an agreed framework between design and manufacturing

Benefits to Customers

- Creates a strategy independent of volume
- Future proofing in terms of both volumes and products
- Create a clear framework for future product introduction
- Enables easy replication of production processes in different facilities
- Define rules for both manufacturing and product development





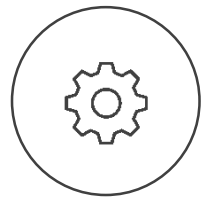
Typical Solutions and Applications

- Companies looking to standardise operations (to improve productivity, quality and reduce cost)
- Companies moving to volume manufacture (upscaling)
- Manufacturing facility concept for generating new products
- Research – TRL4 and MRL2
- Commercial – TRL5 and MRL3



Technical Description

- Typically work would involve collaboration with design and manufacturing teams to:
 - Benchmark equivalent products and/or processes
 - Scope product and manufacturing flexibility
 - Create a bill of sequence, independent of volume, and agreed between design and manufacturing teams
 - Create detailed requirements for each operation (in terms of design and manufacturing) and formally document



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