

Inspiring Great British

Manufacturing

Advanced Visualisation

Defence and Security Equipment International 2019



Advanced Visualisation at the MTC





Advanced Visualisation definition









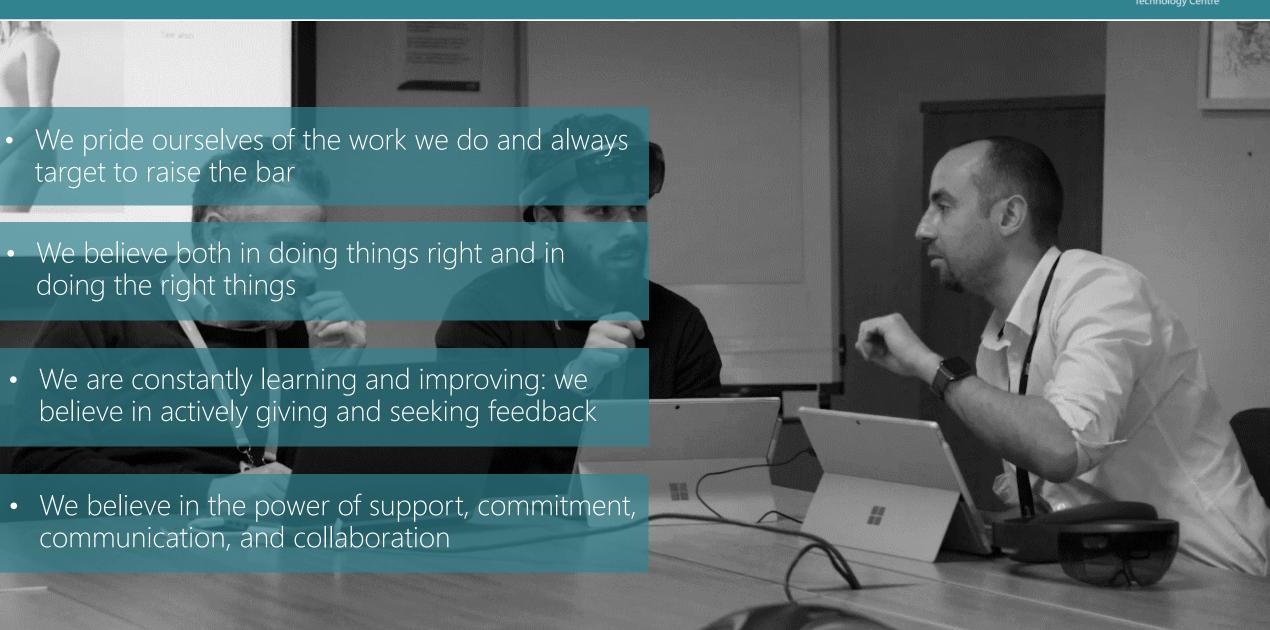






Core Values





How we impact UK's manufacturing



Advanced Visualisation's Mission

- Accelerate UK's industrial growth using Advanced Visualisation technologies
- Deliver innovation in Advanced Visualisation technologies
- Create and embed future skills in / and using Advanced Visualisation technologies
- Change the way businesses compete using Advanced Visualisation technologies
- Maximise synergies across supply chains using Advanced Visualisation technologies

We do it by...





- Thought leadership
- Technology demo
- Technology network

- Development team
- Usability testing
- Market awareness

- Frameworks and standards
- Business strategy
- Training

Our Value Propositions



Improve
Communication
and Collaboration
across distributed
workforces



Improve quality and reduce costs of manufacturing

Improve Communication & Collaboration



Companies with...

Distributed workers, on-site operations, supply chain, etc.

Experiencing...

Challenges managing resources, allocating budget and costs associated to travel and miscommunication

We can help by...

Developing and embedding tools and services

So they can...

Improve service delivery, enjoy happier employees, and enable new business models for competitive advantage

Case Study: MTC's Business Launch Centre



Improved efficiency through better Communication and Collaboration

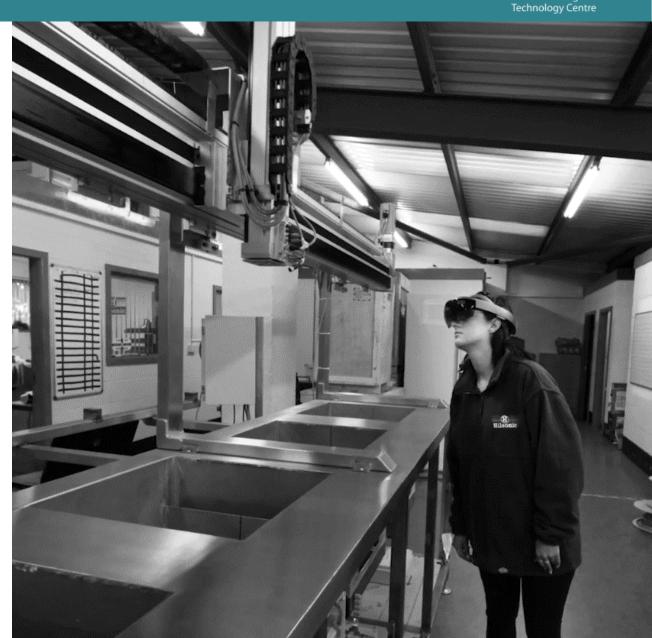
Small team of high-demand consultants to cover nation-wide SME market

High number of travel hours stretched capacity of workforce; low availability of SME managers; exhausted employees

Developed two services based on Mixed Reality remote assistance:

- Remote Line Walk
- Remote Engineer

Transformed business model to double service capacity, halve travel needs, increase adaptability to customer availability, and increase workers satisfaction



Microsoft Dynamics 365

Tackle Skills Shortage



Companies with...

Ageing workforce, fast change in demand, skills shortage

Experiencing...

Challenges managing delivery, training, and retaining knowledge

We can help by...

Develop and embed tools, services and frameworks

So they can...

Enjoy improved delivery, enable flexible manufacturing, retain knowledge in the business, increase employee satisfaction

Case Study: CITB's Immersive Training Platform





Tackling skills shortage in construction with Immersive Training for the CITB

Construction ageing workforce, skills on demand, shift towards off-site construction, increased need for continuous training

Sector affected by very low attraction of talent, huge amount of waste generated by re-work, health and safety at the top of priorities

Developed a platform to eliminate the skill barrier create and deliver immersive training

Created a platform for allowing CITB members to generate and deploy their own training courses, therefore delivering training with a much higher level of engagement, retention, and employee satisfaction

Improve quality and reduce costs



Companies...

Suffering costs of low performance, penalties due to quality flaws, with highly regulated operations

Experiencing...

Challenges in quality compliance and costs associated

We can help by...

Developing and embedding tools for in-process QA

So they can...

Keep satisfied customers, experience business growth, increase reputation & market share

Case Study: VIVAR for Aerospace MRO Inspection



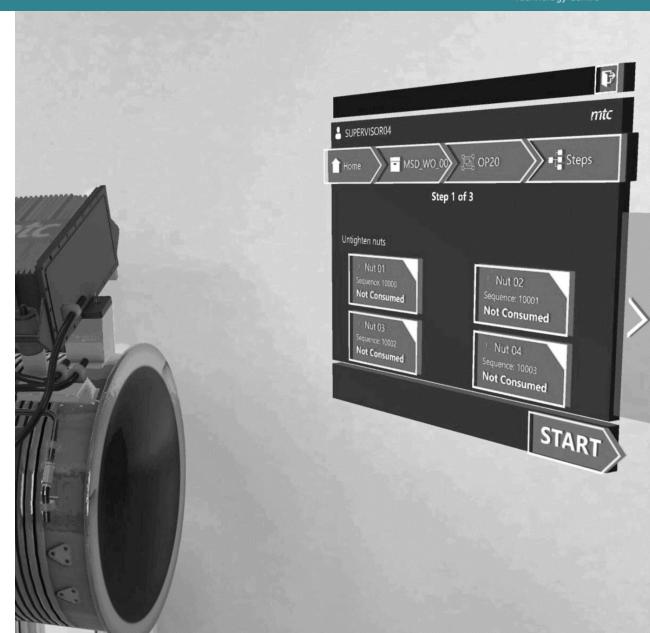
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Thank you

