

Technologies we can help you take advantage of include:



Digital Simulation

Digital Twinning
Augmented Reality (AR)
Virtual Reality (VR)

Automation

Robots
Cobots
Enablers of Mass
Communication (EMC)



Connectivity

5G
Low-power wide-area
network (LPWAN)
Technology to develop
connected, intelligent
processes



Industrial Digital Technologies

Artificial Intelligence (AI)
Big Data
Internet of Things (IoT)

Contact us

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SMART

Digital Accelerator

*Expert support and
advice for Welsh
manufacturers to adopt
digital technologies*



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David



Ariennir gan
Lywodraeth Cymru
Funded by
Welsh Government



The University
of Sheffield
/AMRC
Cymru

What is SMART Digital Accelerator?

SMART Digital Accelerator is a team of industry expert advisers who work with manufacturers in Wales to help them identify the right technology to boost their bottom line.

The project is funded by Welsh Government, delivered by University of Wales Trinity Saint David (UWTSD) and supported by the Advanced Manufacturing Research Centre Cymru (AMRC Cymru). There is no financial cost to the participating business.



Who's behind SMART Digital Accelerator?

Our team includes experts from UWTSD, AMRC Cymru and Welsh businesses. We work in collaboration with each other and the Welsh Government to help organisations like yours achieve real and positive change.

Why does SMART Digital Accelerator exist?

Manufacturing is integral to the future wellbeing of Wales. We need to ensure our manufacturing industry is prosperous, efficient, resilient and thriving.

With so many new technologies available, it can be difficult to identify which ones will be right for your business, helping you solve the problems you face now and in the future.

But with the support of SMART Digital Accelerator, you can capitalise on new opportunities, grow as an organisation and improve competitiveness.

This valuable opportunity for manufacturers provides access to a diverse team of talented and experienced experts drawn from industry and academia.



How does SMART Digital Accelerator work?

Our programme follows three main stages:

1. Understand your current position and future plans
2. Establish what is stopping you from achieving these plans
3. Recommend technology that is appropriate for your business

Our team will visit your company over a mutually convenient timeframe, working with you to develop a clear understanding of your current circumstances and the operational challenges you face.

Typical challenges faced by manufacturers include:

- Inconsistency, defect rates and rework
- High energy consumption
- Skills shortages and staff retention
- Production throughput
- Inefficient processes

Our team will work alongside you to identify where digital technologies could be deployed to help address your challenges.

There may be barriers that have prevented your business from adopting technologies in the past, such as funding, skill gaps, time, cultural adoption issues and inflexibility. Our experienced team can make recommendations and propose solutions to help you overcome these barriers.

By the end of the process, you'll receive a highly personalised assessment that will make a measurable and meaningful impact on your business.

We'll provide your business with a complete analysis report, and suggest a provider who can assist you in implementing the tools and techniques we've highlighted in your action plan. You'll also receive a detailed introduction to the tools and techniques your business requires, including demonstrations of the relevant technologies.