



# THE DIGITAL TRANSITION JOURNEY FOR AUSTRALIAN DEFENCE SMEs

DMTC Limited’s Smart Enough Factory project seeks to realise benefits of Industry 4.0 adoption for Australian SMEs and to equip those companies to contribute to defence sector supply chains.

A key element of DMTC’s solution is the ability to retrofit and integrate low-cost sensors across both modern and legacy equipment within an SME’s manufacturing facilities, overcoming perceptions that digitalisation is a high-cost, or green-field activity. The concept is to offer a ‘Factory in a Box’ kit that provides a low-cost entry point for SMEs, facilitating vital early steps on the digital transition journey.

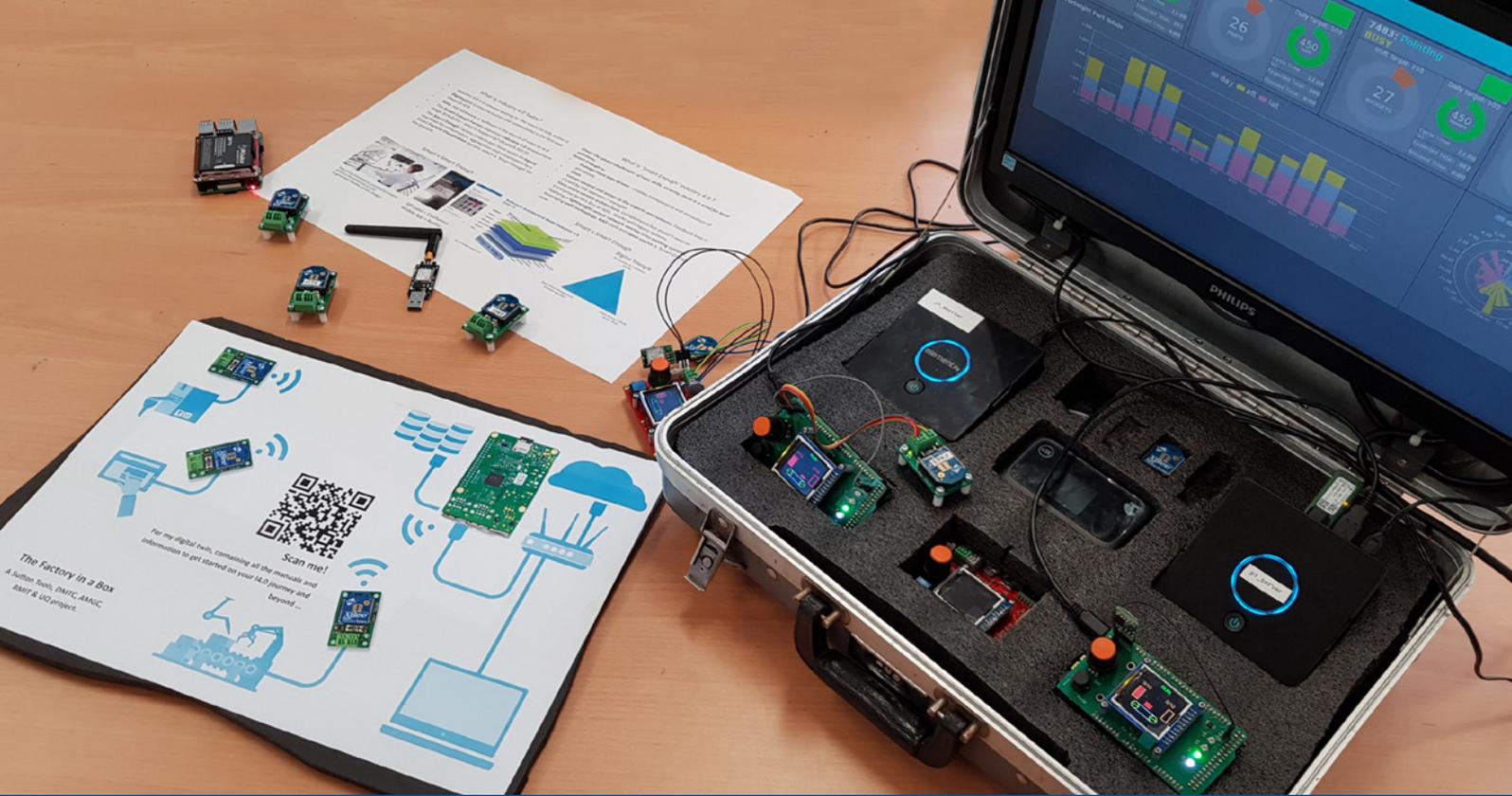
## AT A GLANCE

### INDUSTRY 4.0 IS:

- a concept waiting to be fully realised, particularly for SMEs
- reliant on some level of digitisation (computerisation and connectivity)
- driven by data, not hardware or software
- An enabler of truly LEAN manufacturing.

### THE FACTORY IN A BOX™:

- applies a lightweight sensor network to equipment including legacy systems
- feeds data into a factory-wide visualisation system that is ‘smart enough’
- leaves control and action to the experts - the managers and operators of the systems.



DMTC's involvement ensures that specific needs of defence manufacturers are prioritised and that there is a strong focus on technology transfer.

The deployment of the Smart Enough Factory approach will assist Australian SMEs to develop a Digital Strategy, supported by a comprehensive training package. Use of smart sensors to create a real-time view of end-to-end processes (sometimes referred to as a digital twin) ensures data-driven decision making and is a critical step towards realising Industry 4.0's benefits.

## NEXT STEPS

DMTC is working closely with federal and state government agencies, including the Queensland Government, and relevant industry groups to deliver benefits to industry through DMTC's Industry Capability Development Program.



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