Virtual Shipyard Training Program

What is the Virtual Shipyard Program?

Delivered by Dassault Systèmes, the Virtual Shipyard program provides a learning pathway to digital fluency that can be embedded within your business operation. By participating, you will be provided with a structured industry capability learning program that will introduce you to the digital environment and industry processes to support the next generation naval shipbuilding. The digital environment provides the ability to collaborate and test in advance of actual manufacturing. Through this program you will get exposure and mentoring from Dassault Systèmes, who is a technology partner to a number of defence industry primes.

About Dassault Systèmes

Dassault Systèmes is a global technology leader, at the forefront of innovation in the digital environment. The company offers software systems to support 3D design/ modelling, simulation, information intelligence, and online collaboration across 12 industries with aerospace, automotive, defence, marine and natural resources forming a large part of their core business. The company operates across 140 countries through a portfolio of industry solutions. Notable customers include: Airbus Group, Anglo American, ASC, Boeing, BMW, Damen Shipyards, Dundee Precious Metals, Eaton, Foster Wheeler, Honda, Naval Group, P&G, Safran, Samsung, Toyota.

What is the structure of the program?

The program is divided into two phases:
- Phase 1: two-to-three day workshops, approximately every three weeks; and
- Phase 2: a six-month self-learning environment with support from Dassault Systèmes.

Dassault Systèmes will provide you with a digital interface as well as industry scenarios that will enable you to build on your existing systems, allowing you to interact with prime contractors and global Tier 1's. The program will cover industry specific processes against 12 key digital competencies such as supply chain and cost management, production planning and scheduling, quality management, and IP Security. Phase 2 will involve practical implementation and adaptation of processes within your business. Throughout the training you will have access to support services from Dassault Systèmes. During the program, you will also undergo two assessments, which will track your progress.

Why should my business participate?

Your business will benefit by:

- receiving an independent assessment of digital and industry processes to improve and grow your digital and industry processes capability,
- increasing productivity and business efficiency through digital uptake and systems interactions,
- providing a pathway to Industrie 4.0, export preparedness, defence readiness, and being positioned for growth, and
- an accelerated pathway to higher Tier status within the defence supply chain.

What is expected of my business?

To participate in the program, your business is expected to:

- commit resources covering three streams from business, technical and governance areas for the duration of the program; and
- provide business data and information, in confidence, for the purpose of training.

Time and resource commitment

- **Time**: minimum of 2 to 3 days, approximately every 3 weeks over four months (a tailored schedule will be designed for your business).
- **Resources**: minimum of 1 executive-level representative and 2 technical/operations representatives.

Location

TAFE SA, 137 Days Road, Regency Park

Cost

The program is fully funded by the South Australian Government and the Advanced Manufacturing Growth Centre and is available to targeted businesses, free of charge.

Contact

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