

COMPANY PROFILE

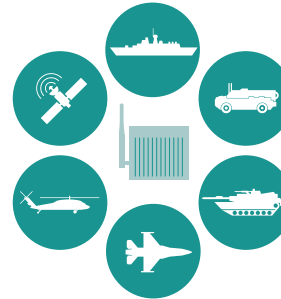
For the past few years DEWC Systems has been leading the way in developing EW technology for the ADF.

Building a strong team of ex Defence and ADF personnel together with some of Australia's finest graduate engineers, all deeply committed to developing true sovereign EW industry capability. Working with universities, DSTG and industry partners, DEWC Systems has developed the foundational technology elements of the future of EW.

DEWC Systems has rebranded to Asension to better represent the rapid evolution of this work and the start of next generation of Australian technology that intelligently brings together information from multiple sources. A sensor fusion, bridging the gap between information and knowledge to multiply force effectiveness in real time. Our software-definable hardware and user configurable applications are designed for space, sea, land and air deployment and are remotely reconfigurable. Encryption technologies developed with our partners in academia and DSTG enable all asension nodes to form secure mesh networks while the powerful edge processing elements support independent operations including AI. The future of EW.

KEY PROJECTS

- Miniaturised Orbital EW Sensor System (MOESS)
- Artificial Intelligence (AI) for RF classification
- Wombat S3
- Sensors Telemetry and Communications (STaC-N and STaC-P)
- Secure IoT Gateway



DISCRIMINATORS

- 100% Sovereign. Wholly owned and operated by passionate Australian Veterans.
- Vast experience in Electronic Warfare (EW), engineering, operations and planning
- A leader in innovation
- The first company to launch a payload on a space capable rocket from Australia
- Dedicated team of experts in AI led by a pre-eminent leader in the field
- Vast experience in Radio Frequency (RF) engineering and design

CAPABILITIES

- EW engineering
- Software engineering
- Embedded software
- VHDL, VERILOG
- C, C#, C++, Linux, MATLAB, Python, Java, CUDA
- Systems engineering
- PCB design, Altium
- Electronics engineering
- RF and EO sensor design and engineering
- Engineering design for space applications
- Modelling and simulations

KEY CLIENTS, PARTNERSHIPS & AFFILIATIONS



asension



The Future of EW

