

EMBM

ELECTROMAGNETIC BATTLE MANAGEMENT

- User Experience
- Digital Planning
- Integrated Force Interoperability
- EMS Deconfliction Analysis and Monitoring
- EMS Visualisation
- EMS Situational Awareness

Dominate the Electromagnetic Spectrum

Electromagnetic Battle Management (EMBM), developed by Consunet, is a modern software solution to the military planning process. EMBM provides the warfighter with the tools to plan, simulate, execute, monitor and evaluate Electromagnetic Spectrum (EMS) usage and manoeuvre within the Electromagnetic Operating Environment (EMOE), offering a critical edge in Electronic Warfare (EW).

In modern warfare, militaries depend on the EMOE for **Command and Control (C2)** of forces. The EMS as a critical resource, determines the outcome of military engagements and Commanders must enable their forces' freedom of manoeuvre within the EMOE, while denying the same to the enemy. As the EMS becomes increasingly contested and congested, the need for integrated planning has never been greater.

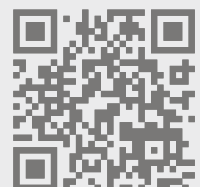
The individual forces currently use separate battle management tools and processes which are isolated and disconnected from a joint environment. Using common messaging standards to interface with land, sea, air and space battle management systems, EMBM integrates EW management across the joint force, providing a single, EW common operating picture to achieve a level of EMS superiority.

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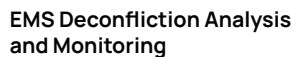




Mission Planning



Integrated Force Interoperability



EMS Visualisation



EMS Situational Awareness

The EMS is contested, congested and constrained, increasing the likelihood of unintended planning consequences. EMBM enhances EMS situational awareness, aiding Commanders in limiting adverse military effects.

Sovereign Capability for the Information Age

Innovation and Extensibility

Secure, Trusted and Operational Software

Future Applications

Call us on +61 8 8234 8819