

EM Solutions joins C4 EDGE defence industry partnership



KEY ENABLERS

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Recently launched defence industry partnership C4 EDGE has welcomed its latest industry partner, Queensland-based EM Solutions, leveraging the company's expertise in the satellite communications and microwave communications capabilities.

Headquartered in Brisbane, EM Solutions is a trusted technology developer of innovative microwave and on-the-move radio and satellite products that help to deliver high speed telecommunications anywhere in the world.

Commenting on C4 EDGE, Dr Rowan Gilmore, CEO of EM Solutions, said, "EM Solutions is delighted to be participating in C4 EDGE. For two decades we have been exporting our locally designed and manufactured satellite communications equipment, but only in the past five years has the Australian Defence Force started to deploy ours.

"As evident with C4 EDGE, we applaud the continuation of the recent Defence Industry Policy to buy Australian, build national resilience and grow Australian jobs, whenever local industry is able to demonstrate its capability to do so in a cost effective way."

C4 EDGE (Evolutionary Digital Ground Environment) is a defence industry cooperative of C4 subject matter experts leading a communications program scoping the demonstration of a sovereign land battlegroup and below communications environment for the Australian Army.

The C4 EDGE program will leverage internationally agreed open standards to grow and demonstrate Australian C4 (command control communications and computers) industry capacity and ability to deliver a battlegroup and below C4 capability demonstration.

Ultimately, by the end of 2021 the program will have delivered a proof of concept demonstration that shows the capability of Australian industry to further develop a protected, integrated and supportable sovereign system: one that delivers agile and resilient C2 functionality to meet the flexible, scalable and interoperability needs of a battlegroup operating independently or with partners.

EM Solutions joins NSW partners GME and 3ME, and ACT partners 1LM, Insitec, Kord Defence, Outlander Solutions, Penten, Skykraft, and XTEK.

EM Solutions is a technology developer of innovative microwave and on-the-move radio and satellite products that help to deliver high speed telecommunications anywhere in the world.

Since 1998, the company has produced integrated RF modules used in low noise receivers and solid-state high power transmitters. These sophisticated components form the core subsystems used primarily in microwave terrestrial and satellite links, or in other applications such as radar, radio-astronomy, and remote sensing.

Today, the company's principal activity is the design, assembly, test, and support of high end, broadband satellite transceivers and complete communications-on-the-move terminals. Its most discerning customers typically serve the national interest and require resilient and assured systems operable in high threat environments.

For its innovation, EM Solutions has won many awards, including the Australian Industrial Research Group 2012 Medal for Innovation and the Lord Mayor's Most Innovative Business Award 2016.

In August 2018, EM Solutions won the Australian Department of Defence Essington Lewis Award for "SME Defence Team of the Year" for its collaboration with the Royal Australian Navy on the development of the Cobra Tri-band Maritime Terminal. The company partners with UQ, Defence Science and Technology (DST), and numerous global defence system integrators.

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