



MEWP MOBILE ELECTRONIC WARFARE PLATFORM

The MEWP is a highly mobile integrated solution for communications and non-communications tactical EW missions. The modular solution is configured to provide Electronic Surveillance (ES) or Electronic Attack (EA) as required by the specific needs of the customer. The MEWP is a self-contained unit with integral EW sub-systems, communications, power unit and environmental control.

The MEWP is installed in a self-contained module that includes all the elements required to perform the designated mission enabling it to operate independently of the carrying vehicle.

The flexibility of the containerised design enables a variety of military vehicles to house the module. Therefore, any customer preference can be considered and the possibility of reducing acquisition and ownership cost through fleet commonality is increased.

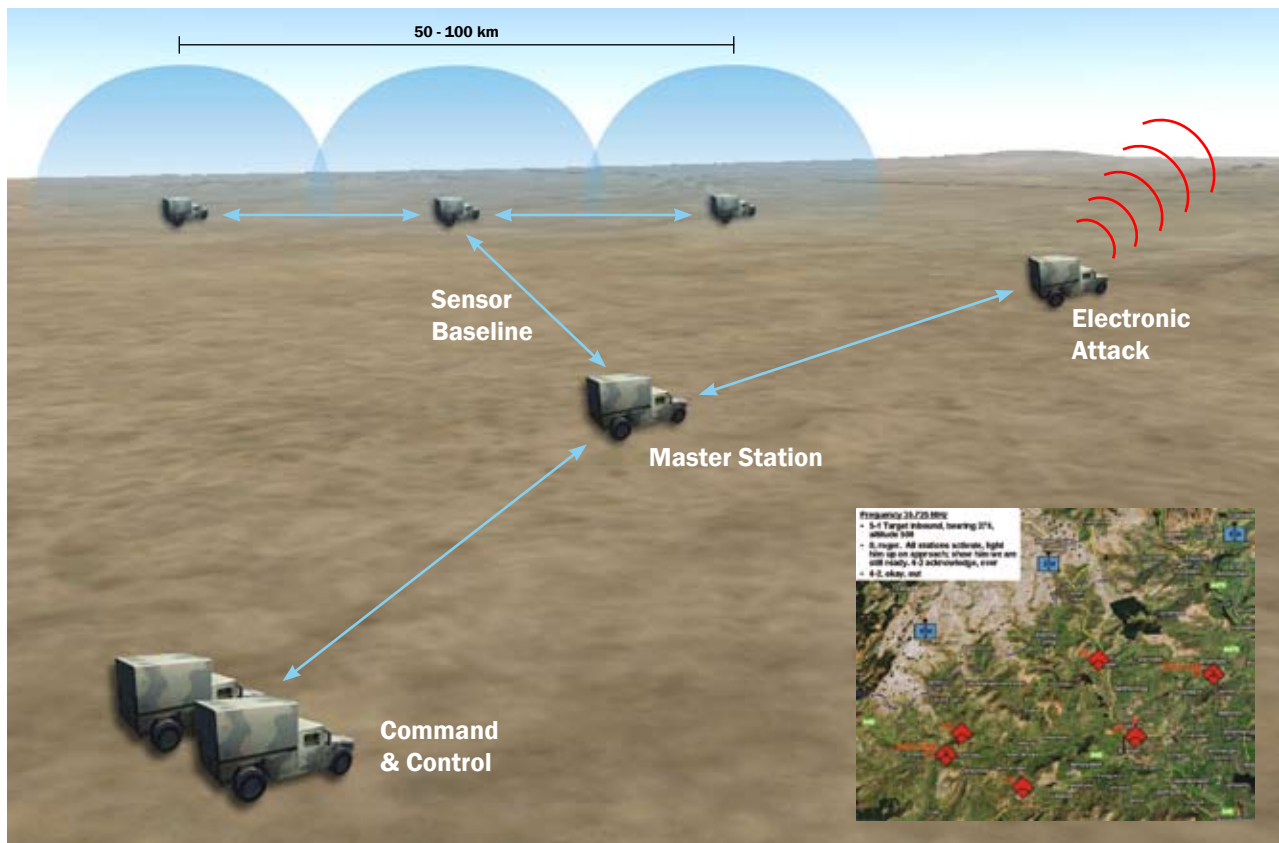
A MEWP is designed to be highly mobile and rapidly deployable.

KEY FEATURES

- Fully integrated comms & non-comms situational awareness
- Integrated comms & non-comms support & attack
- Utilisation of comms & non-comms threat databases
- Multiple signal jamming
- Capable of networked operations
- Real-time datalink connectivity
- Off-line analysis and playback facility
- Expandable architecture
- Highly mobile, reliable and sustainable.



MEWP Mobile Electronic Warfare Platform



3D Battle View

BASELINE TECHNICAL SPECIFICATIONS

Frequency Range

300KHz - 3GHz communications band

500Mhz - 18GHz non-communications band

Jamming Frequencies

E-J, VHF/UHF

Jamming Techniques

Spot, Barrage, Swept, Noise & VGS,
 Programmable FM, FSK, MSK, GMSK Waveform
 Selectable

Communications Target Hopping Speed

> 500 hops / sec

Communications DF Accuracy

<1° RMS (VHF)

Non-communications DF Accuracy

<5° RMS (Standard)

<0.5° RMS (Optional)

Ambient Operating Temperature

-10° C to +50° C

TACTICAL EW MISSIONS

The modular architecture of the MEWP can be configured to meet a variety of tactical EW roles.

The ability for scalable solutions enables the delivery of highly mobile tactical solutions.

Ease of use, reduced operator workloads and speed of deployment is made possible by the inclusion of operator aids within the mission control system and remotely operated masts.

Combining a selection of MEWP solutions provides a robust and powerful EW formation capable of co-ordinated and networked operations. Interoperability is assured by universal integrated mission, command and knowledge management systems within the common MEWP architecture. This unique level of integration enables a common EW picture to be formed that meets the Commander's Critical Information Requirements for EW intelligence and situational awareness.

The high level of commonality across the family of MEWP variants reduces:

- Procurement costs
- Operator training requirements
- Through life costs of ownership.