

SprayCool

2218 North Molter Road • Liberty Lake, WA 99019
509-241-4518
www.spraycool.com

SprayCool MPE

The revolutionary Multi-Platform Enclosure (MPE) is a baseline configurable tactical enclosure, and the result of SprayCool's extensive experience in the development of custom enclosure solutions for the DoD. Targeted for use in a variety of C4ISR, EW, and SIGINT enabling applications, the MPE employs the company's patented 2-phase direct spray technology (SprayCool®); it is unique in that it enables both commercial-grade air-cooled and custom/rugged conduction-cooled electronics in the same enclosure, and provides environmental isolation in a fully sealed package. The product has been adopted by a number of leading prime integrators for strategic airborne and land based program applications. The MPE is easily scalable to vehicle needs, to minimize size and weight, and can function without a dedicated ECS.



FEATURES

- **SCALABILITY:** 4-21 slots for 6U x 160 mm VME, VPX, VXS, CompactPCI, or CompactPCIe (EXP.0) electronics
- **HIGH PERFORMANCE:** 100-500 W/slot with optional MIL-STD-704 power. Enables higher electronics density
- **FLEXIBILITY:** Configurable I/O panel, power supply. Enables commercial grade and custom cards side by side
- **RUGGED:** Tested to MIL-STD-810, MIL-STD-461Alt: -1,500 feet up to 70,000+ feet, Temperature -65 °C to +71° C
- **ENVIRONMENTAL ISOLATION:** Does not require additional environmental conditioning system capacity