

*The majority of electronic equipment, whether it has been specifically designed for Defence applications or is 'commercial off the shelf' (COTS), requires some form of protection from the mechanical and electromagnetic hazards experienced when operating in vehicles or field deployable shelters.*

The most technically and commercially efficient way to achieve this protection is by mounting the equipment within a suitable enclosure which reduces the threat to an acceptable level to ensure correct and long-term operation.

Rainford Solutions can provide these enclosures, which through a combination of:

**Mechanical protection systems**

- shock and vibration mounts
- thermal management and
- protection against moisture and dust and

**Electromagnetic protection systems**

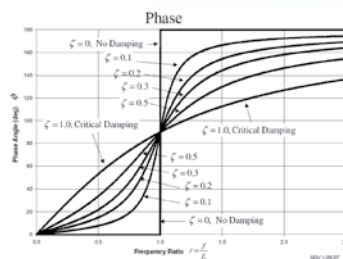
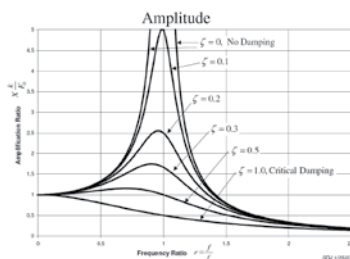
- electromagnetic shielding, and
- electronic filters,

provide the protection required to ensure correct operation of the equipment.



**Control enclosure for mobile missile launcher**

**Shock mounted communications equipment enclosure for SAT-COMS system**



- DEF STAN 08-123
- DEF STAN 08-107
- DEF STAN 59-41
- MIL STD 461E
- 73/23/EEC
- MIL STD 202

