

# C.O.T.S. Equipment

In Accordance with Def Stan 59-41 Mil Stan 461E

## Introduction



Armed forces are today increasingly more reliant than ever on *commercial off the shelf* equipment (COTS) for their every day needs and requirements. Whilst this equipment is readily available and at a commercially available cost, very rarely do they meet with the rigorous EMC requirements of Def Stan 59-41 and Mil Std 461E.

EMC Solutions have developed a reputation for solving these inherent problems with COTS equipment, offering a tailored and cost effective route to compliance with the relevant defence standards.

Working closely with suppliers and manufacturers of COTS equipment, EMC Solutions can ensure that your products will meet the relevant EMC defence standards, thus enabling you to supply your products in a compliant format into any of the tri-services.

## Typical routes to military compliance are:

### Product appraisal:

A full technical review of your COTS piece of equipment, outlining the tests and procedures that will be carried out to ensure you meet the desired standards

### Product testing:

Full pre-compliance testing of your COTS equipment.

### Design consultancy, product development and re-testing.

Should your COTS equipment fail any of the test procedures, our engineers will advise on what remedial work is required (ranging from basic physical layout and sourcing of components to complete redevelopment projects)

This is then followed by the re-testing of the equipment to confirm modification have ensured compliance.

Upon successful completion of the tests a set of comprehensive reports are prepared.