



MOD Corsham Electrical Compliancy

THE CLIENTS' CHALLENGE

Delivering Information and Communications Technology (ICT) services across the Ministry of Defence (MOD) estate requires a vast number of equipment cabinets. These must all undergo mandated electrical safety inspection, testing and certification. The client was reliant on external expertise to meet these responsibilities.

Defence Digital was unable to confirm which electrical safety risks had been mitigated or that the necessary processes were in place, because the MOD policy was being interpreted differently and responsibilities were unclear. It was difficult to establish whether As Low As Reasonably Practicable (ALARP) standards were being met.

The Electrical Compliancy (EI Com) project team was established to develop a through-life approach to electrical cabinet certification.

BRINGING A LASTING LEGACY

IMD Group consultants provided on-the-job training, coupled with practical and best-practice guides to upskill and equip the client's teams.

By supporting the Design Authority to implement changes to the Joint Services Publications, we provided all stakeholders with clarity and mutual understanding of legislation and compliance.

We left the client with a sustainable, internal inspection regime – empowering the team to carry out the work themselves for future work.

HOW WE HELPED

Our consultants worked within the EI Com team to establish clear procedures and equip the internal team to test and inspect the equipment, independent of consultant support. This was achieved by:

- **Collaboration within an ITSUS-led team** to develop a through-life approach to electrical cabinet certification and create a Central Asset Register. We provided project management, coordinated data and engaged with stakeholders.
- **Establishing an understanding of the current position.** We reviewed legislation, MOD policy and local interpretation, and existing systems to establish a common understanding of electrical compliance requirements.
- **Collecting multiple data sets to generate a consolidated view** of Network Equipment Cabinet (NEC) assets, locations and ownership. We actively engaged with stakeholders to understand existing EI Com management arrangements and input to future options.
- **Liaising with the Design Authority** to propose JSP updates to achieve a coherent pan-MOD understanding of EI Com requirements, inspection and test regimes.
- **Undertaking site visits** to understand local maintenance contract models and provide an independent assessment of compliance against a common interpretation of standards and legislation.



ACHIEVING SUCCESSFUL OUTCOMES

Our intervention created:

- A documented, unified understanding of EI Com requirements.
- A common standard for electrical demarcation of NEC assets, inspection and test responsibilities.
- Advice and recommendations on design and installation of legacy systems, and interim steps to mitigate risks to ALARP.
- A proof-of-concept NEC asset register and single source repository for future EI Com management.
- A Discovery Phase Report, subsequently used to generate technical briefings, proposed revisions to JSPs, and to underpin technical and commercial discussions as the proposed strategy was rolled out across the MOD.

CAPABILITIES WE PROVIDED



"We very much enjoyed working with IMD and have consequently collaborated with them on other opportunities, which demonstrates our confidence in their skills and abilities.

The MOD was extremely pleased with the outcome of the ELCOM project, which was delivered on time, under budget and to a very high standard. This delivery has positioned this team in a great place for follow-up work with the MOD for Project ELCAB and other compliance works required across the MOD Estate. In addition to the Project Management, IMD proved to be a very diligent and proactive partner with the tricky commercial aspects such as HMRC IR35 reporting."

Shahid Mian, ITSUS MD



If you need to establish compliance-related procedures, speak to **Darren**



Connect with Darren



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