



Industry Security Notice

Number 2025/08 dated 12 December 2025

Subject: **Introduction of Emanation Protection Policy**

Introduction

1. This Industry Security Notice (ISN) advises suppliers of the emerging MOD approach to Emanations Protection.

Status

2. This ISN represents new Policy.

Applicability

3. This ISN applies to all suppliers engaged on contracts for which the UK MOD is a contracting party, or subcontracts thereof.

Issue

4. Emanations encompass a variety of radiated and conducted signals, including electromagnetic, acoustic, magnetic and quantum. They are generated by military capabilities and activities of all types, and can be exploited by potential adversaries, and/or impacted by natural hazards.

5. Consideration of emanations protection will progressively impact all MOD contracts delivering capabilities, or requiring information, at SECRET and above, and some contracts at the OFFICIAL tier.

Background

6. Emanations Protection sits in a ‘grey space’ between Cyber and Physical security, and, as a former Government Chief Scientific Advisor has noted¹, but has not received the attention it deserves in recent years. The risks presented can impact upon the wider security of our systems and the success of our military operations.

7. The risk-based requirement for protection of emanations is intrinsically linked to the geopolitical environment, and in the period following the end of the Cold War the requirements were understandably relaxed.

8. The geopolitical environment has significantly worsened in recent years, as declared by the Defence Secretary in November 2025², who stated that:

“We are in a new era of threat. Our world is changing. It is less predictable, more dangerous ... This new era of threat demands a new era for defence ... As the threat grows, Britain must step up.”

9. Emanations Protection describes the Pragmatic, Appropriate, and Cost Effective measures to address Confidentiality and Disruption issues, including the existence and characteristics of signals themselves, the hardening of associated equipments, and the security payloads within those signals and equipments, against all sources of adversity, whether Threat Actors, or Hazards (e.g. Space Weather).

10. Projects are responsible for the selection of countermeasures for individual systems generating emanations, and protection against external emanations.

Action by Industry

11. Suppliers to UK MOD should note the content of this ISN, which is likely to widely impinge on both contract deliverables being produced for MOD, and on the security of internal information and systems needed to support such contracts. Consideration should be given now as to how to access Suitably Qualified and Experienced Personnel (SQEP) when required to do so in future address relevant Emanations Protection concerns.

Validity / Expiry Date

12. This ISN will expire when superseded or withdrawn.

¹ <https://www.rusi.org/explore-our-research/publications/commentary/technical-security-back-future>

² <https://www.gov.uk/government/speeches/defence-secretary-speech-on-threats-to-the-uk>

MOD Point of Contact Details

13. The point of contact in respect of this ISN is:

Departmental Emanation Protection Authority (DEPA)
Directorate of Cyber Defence & Risk (CyDR)
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