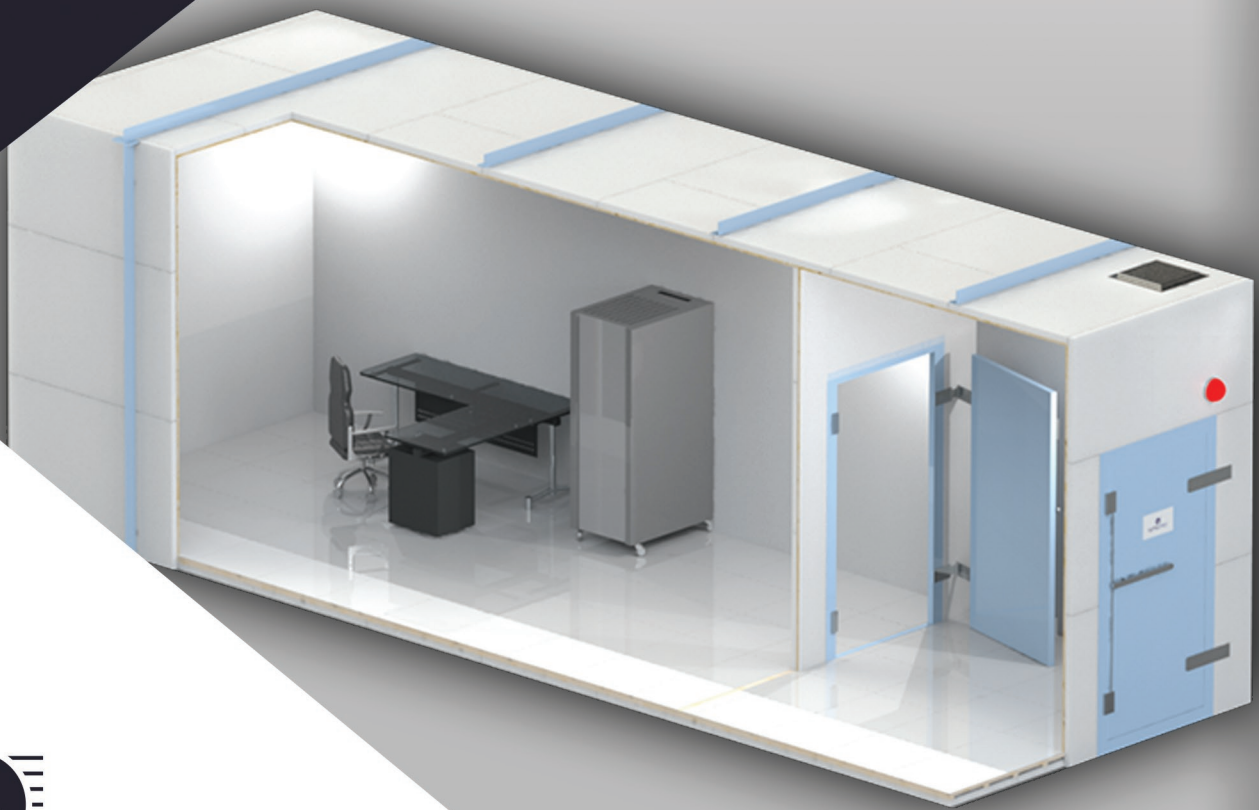


Forensic Shielded Rooms



GLOBAL EMC
ELECTROMAGNETIC SHIELDING & ANECHOICS EST. 1994

Choose This Test Chamber For

A turnkey solution is provided by Global EMC to specify, design, manufacture, install and provide final certification and testing of the complete project. High-quality internal finishes are also provided including lighting, power, data and HVAC to make the Forensic shielded rooms durable, practical and comfortable.



Device Interrogation

Examination of electronic devices without the possibility of Wi-Fi, Bluetooth or 4G/5G connection.



Anti-Spy

Secure speech, TEMPEST, sound dampening and anti-bugging.



Approved

Suitable for evidential proceedings and examination rooms with annual calibration and re-certification.

This Product Features

The shielding is an enclosure of all walls, ceiling and flooring using 2mm modular pan steel. This shielded enclosure gives a superb performance. It is a modular assembly of individual steel fabrications that are produced from 2mm galvanized sheet steel.

These are folded at the edges of each panel to form flanges which are bolted together. Double wire mesh gasket is placed between each flange to form a high-performance electromagnetic seal. Rooms are designed with an airlock entry system where the opening of one door will not break the integrity of the shield. Indicator lights are provided to show when a door is opened and closed.

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Key Features

Ultra-high shielding performance as standard.

Independent shielding effectiveness test to EN 50147-1.

Standard shield performance of -60dB @ 10 MHz, -100dB @ 200 MHz, -100dB @ 1-18 GHz.

Shield performance can be extended to 1 kHz to 86 GHz upon request.

Designed and manufactured to the highest standards in Great Britain.

Industry-leading low maintenance shielded door with copper-beryllium knife-edge seals.

Bespoke solution upon request. Test facility can be configured to your exact requirements.

Air lock door system including indicator lights.

Filters for internal power and lighting.

Fibre optic or dimmable LED lighting.

Soundproofing as an option.

Internal finish to floor, ceiling and walls to customer requirements.

Applications

Evidence rooms, Examination rooms.

Quiet rooms for phone and other communication device interrogation.

Military applications, Police Applications

